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Conventional Nozzles





Automatic shut-off nozzle with metal handguard for full-service and self-service stations.

- 1A nozzle shuts off when the gas tank is full.
- Aluminum reinforced spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper[®] reduces turbulence for straighter fuel flow and less splash back spillage.
- · Comes standard with smooth full grip guard.

New Unleaded Nozzles with NPT

MODEL NO.	DESCRIPTION S	HIPPING WEIGHT LBS (KG)
696104N^	with Three Notch Hold Open Clip	3.3 (1.4)
696108	without Hold Open Clip	3.3 (1.4)
696159N^	with Three Notch Hold Open Clip, and Waff	le Splash Guard 3.3 (1.4)
696172N^	with Three Notch Hold Open Clip, Waffle Sp	lash Guard and
	Reducer Bushing	3.3 (1.4)
691209N^	with Three Notch Hold Open Clip and Reduc	cer Bushing 3.3 (1.4)

^ NOT LISTED

New Unleaded Nozzles with BSPP MOD

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
696116N^	with Three Notch Hold Open Clip	3.4 (1.5)
696120	without Hold Open Clip	3.4 (1.5)



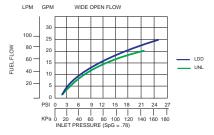
^ NOT LISTED **New Light Duty Diesel Nozzles with NPT**

MODEL NO.	DESCRIPTION	Shipping weight LBS (KG)
696103N^	with Three Notch Hold Open Clip	3.4 (1.5)
696107	without Hold Open Clip	3.4 (1.5)
696161N^	with Three Notch Hold Open Clip and Waff	le Splash Guard 3.4 (1.5)
696173N^	with Three Notch Hold Open Clip, Waffle S Reducer Bushing	plash Guard and 3.4 (1.5)
1411303N^	with Two Notch Hold Open Clip, EZ Lever a Guard	nd Full Grip 3.4 (1.5)
6961208N^	with Three Notch Hold Open Clip and Redu	cer Bushing 3.4 (1.5)

New Light Duty Diesel Nozzles with BSPP, OT LISTED

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
696115N^	with Three Notch Hold Open Clip	3.4 (1.5)
696119	without Hold Open Clip	3.4 (1.5)

Const	^ NOT LISTED	
Body	One piece die cast aluminum	
Seals	Fluorocarbon	
Packing	Double o-ring seal protected by fiber reinforced Teflon $\ensuremath{^\circ}$	
Lever	One piece contoured steel with hard plastic cover	
Inlet	1" / 25.4 mm NPT and BSPP	



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



1A Nozzles

Automatic shut-off nozzle with metal handguard for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003306	1" M x 1" F BSPP Multi-Plane Swivel
003306A	1" M x 1" F BSPP Multi-Plane Swivel - Atex
006949	1" M x 1" F BSPP Multi-Plane High Flow Swivel

Swivel/Safe-T-Break® Combos

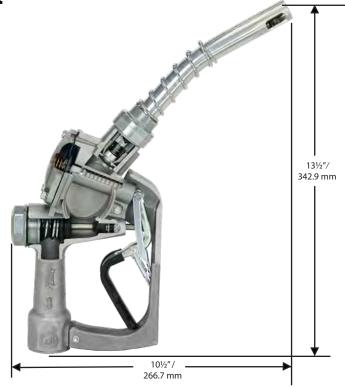
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007089	Nozzle Service Kit
003593	Hold Open Clip Kit
000397	Unleaded Spout Gauge
000385	1" M x ¾" F Reducer Bushing



Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
001804	Full Grip Reguard
005494	Lever Guard
003376	Mate Handle Guard
000226	Mate Nozzle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD* H Clear Cover
008170	POPD [®] H Mate Nozzle Guard
008183	POPD® H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Nozzle Guard
000099	Protection Package
001811	Reguard Protection Package
001808	Waffle Splash Guard



1A Nozzles



Automatic shut-off nozzle with polymer handguard for full-service and self-service stations.

- 1A nozzle shuts off when the gas tank is full.
- Aluminum reinforced spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.



New Unleaded Nozzles with NPT

MODEL	DESCRIPTION SI	HIPPING WEIGHT L	BS (KG)
209804N^	with Three Notch Hold Open Clip	:	3.3 (1.4)
209808	without Hold Open Clip	:	3.3 (1.4)
209859N^	with Three Notch Hold Open Clip and Waffle S	plash Guard	3.3 (1.4)
209872N^	with Three Notch Hold Open Clip, Waffle Spla	sh Guard and	
	Reducer Bushing		3.3 (1.4)
2098114N^	with Three Notch Hold Open Clip and Spout P	ug	3.3 (1.4)
1426404N^	with Two Notch Hold Open Clip, EZ Lever and	Full Grip Guard	3.4 (1.5)
2098209N^	with Three Notch Hold Open Clip and Reduc	er Bearing 3	8.3 (1.4)
209843N^	with Single Notch Hold Open Clip	3	8.3 (1.4)
		^ NO	T LISTED

New Unleaded Nozzles with BSPP

MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
209816N^	with Three Notch Hold Open Clip	3.4 (1.5)
209820	without Hold Open Clip	3.4 (1.5)
		^ NOT LISTED

New Light Duty Diesel Nozzles with NPT

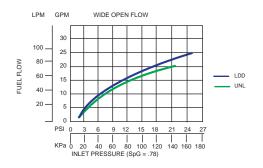
MODEL	DESCRIPTION	SHIPPING WEIGHT	T LBS (KG)
209803N^	with Three Notch Hold Open Clip		3.4 (1.5)
209807	without Hold Open Clip		3.4 (1.5)
209861N^	with Three Notch Hold Open Clip and Waff	le Splash Guard	3.4 (1.5)
209873N^	with Three Notch Hold Open Clip, Waffle S	plash Guard and	
	Reducer Bushing		3.4 (1.5)
1426403N ²	with Two Notch Hold Open Clip, EZ Lever a	nd Full Grip Guard	3.4 (1.5)
2098208N ²	with Three Notch Hold Open Clip and Red	ucer Bushing	3.4 (1.5)
2098238^	with Single Notch Hold Open Clip		3.4 (1.5)
NTT	inht Data Discil Norales a		NOT LISTED

New Light Duty Diesel Nozzles with BSPP

MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
209815N^	with Three Notch Hold Open Clip	3.4 (1.5)
-		^ NOT LISTED

Construction

Body	Die cast aluminum body with black hand guard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT and BSPP







$\mathbf{1A}$ NO7

Automatic shut-off nozzle with polymer handguard for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION	
002276	1" F x 1" F NPT Reconnectable Safe-T-Break*	
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®	
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®	
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®	
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®	
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break [®] - Atex	
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®	

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003306	1" M x 1" F BSPP Multi-Plane Swivel
003306A	1" M x 1" F BSPP Multi-Plane Swivel - Atex
006949	1" M x 1" F BSPP Multi-Plane High Flow Swivel

Swivel/Safe-T-Break® Combos

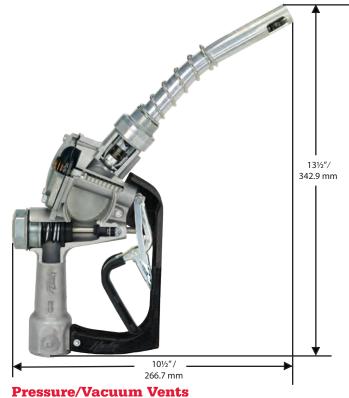
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007089	Nozzle Service Kit
003593	Hold Open Clip Kit
000397	Unleaded Spout Gauge
000385	1" M x ¾" F Reducer Bushing



MODEL NO. DESCRIPTION 004620 2" Slip-On Pressure Vacuum Vent 004885 2" Thread-On Pressure Vacuum Vent - NPT 005885 2" Thread-On Pressure Vacuum Vent with Interal Screen - NPT

Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
001804	Full Grip Reguard
005494	Lever Guard
007295	Mate Handle Guard
000226	Mate Nozzle Guard
006628	POPD [®] Clear Cover
006655	POPD [®] Full Grip Nozzle Guard
007210	POPD® Full Grip Nozzle Reguard
008180	POPD® EZH Nozzle Guard
008179	POPD® EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008170	POPD® H Mate Nozzle Guard
008183	POPD® H Full Grip Guard
008190	POPD® H Full Grip Reguard
008169	POPD [®] S Mate Nozzle Guard
000099	Protection Package
001811	Reguard Protection Package
001808	Waffle Splash Guard





X Nozzles



Automatic shut-off nozzle for full-service and self-service stations.

- X nozzle shuts off when the Comes standard with gas tank is full.
- Aluminum reinforced spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper[®] reduces turbulence for straighter fuel flow and less splash back spillage.

- smooth full grip guard.
- Optional EZ lever: - two piece design cuts opening force in half - easier "to-the-penny" dispensing - ADA Compliant



New Unleaded Nozzles

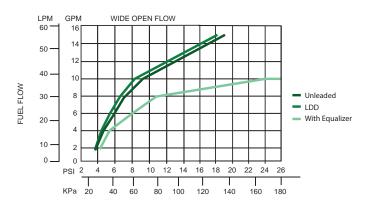
MODEL NO.	DESCRIPTION SHIPPING WEIGH	HT LBS (KG)
159404N^	with Three Notch Hold Open Clip	3.0 (1.4)
E159404N^	with Three Notch Hold Open Clip	3.1 (1.4)
159408	without Hold Open Clip	3.0 (1.4)
E159408	without Hold Open Clip	3.0 (1.4)
159424N^	with Three Notch Hold Open Clip and Sightglass	2.9 (1.3)
159454N^	with Three Notch Hold Open Clip and Flo-Equalizer	® 3.0 (1.4)
159458	without Hold Open Clip, with Flo-Equalizer®	3.0 (1.4)
159459N^	with Three Notch Hold Open Clip and Waffle Splash Guard	2.7 (1.2)
E159459N^	with Three Notch Hold Open Clip, Waffle Splash Guard and Mate Guard	2.7 (1.2
159468	without Hold Open Clip, with Waffle Splash Guard	2.7 (1.2)
159494N^	with Three Notch Hold Open Clip and POPD® S	2.7 (1.2)
1120404N^	with Two Notch Hold Open Clip and EZ Lever	3.0 (1.4)
159443N^	with Single Notch Hold Open Clip	3.0 (1.4)
		^ NOT LISTED

New Light Duty Diesel Nozzles

MODEL NO.	DESCRIPTION SHIPPING WEIG	HT LBS (KG)
159403N^	with Three Notch Hold Open Clip	3.1 (1.4)
E159403N^	with Three Notch Hold Open Clip	3.1 (1.4)
159407	without Hold Open Clip	3.0 (1.4)
E159407	without Hold Open Clip	3.0 (1.4)
159453N^	with Three Notch Hold Open Clip and Flo-Equalize	r* 3.1 (1.4)
159457	without Hold Open Clip, with Flo-Equalizer®	3.1 (1.4)
159463N^	with Three Notch Hold Open Clip and Waffle Splas Guard	h 2.8 (1.3)
159467	without Hold Open Clip, with Waffle Splash Guard	2.8 (1.3)
159496N^	with Three Notch Hold Open Clip, POPD® S and Waffle Splash Guard	2.8 (1.3)
1594122N^	with Three Notch Hold Open Clip and POPD® H	2.8 (1.3)
1594134	without Hold Open Clip	2.8 (1.3)
1594137N^	with Three Notch Hold Open Clip and Waffle Splas Guard	h 2.8 (1.3)
1120403N^	with Two Notch Hold Open Clip and EZ Lever	3.0 (1.4)
1594238N^	with Single Notch Hold Open Clip	3.0 (1.4)
		^ NOT LISTED

Construction

Body	One piece die cast aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece polymer
Inlet	¾″ / 19 mm NPT











Automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

DESCRIPTION
¾" F x ¾" F NPT Reconnectable Safe-T-Break®
¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
¾" F x ¾" F NPT Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	3/4" M x 3/4" F NPT Multi-Plane Swivel Anodized Black
002272	34" M x 34" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	3/4" M x 3/4" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
006310	34" M NPT Multi-Plane Swivel connected to 34" F NPT Reconnectable Safe-T-Break®

Spouts

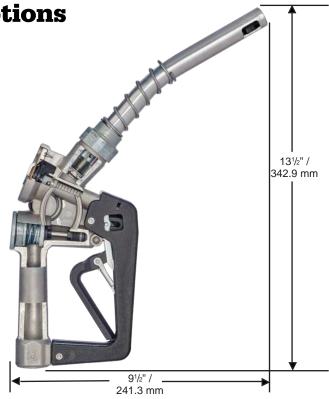
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

DESCRIPTION
Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
Hold Open Clip Kit
Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
Nozzle Service Kit
Unleaded Spout Gauge



Guards

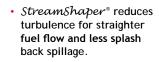
MODEL NO.	DESCRIPTION		
003376	Black Handle Guard		
004145	Full Grip Guard		
001806	Full Grip Reguard		
005494	Lever Guard		
003440	Mate Easy-On Package		
003795	Mate Guard		
008175	POPD [®] EZS Nozzle Guard		
008176	POPD [®] EZH Nozzle Guard		
007999	POPD [®] H Clear Cover		
008185	POPD [®] H Full Grip Guard		
008192	POPD [®] H Full Grip Reguard		
008166	POPD [®] H Mate Guard		
006628	POPD [®] S Clear Cover		
006665	POPD [®] S Full Grip Guard		
007205	POPD [®] S Full Grip Reguard		
008165	POPD [®] S Mate Guard		
001506	Protection Package		
001809	Reguard Protection Package		
001808	Waffle Splash Guard		





Automatic shut-off nozzle for full-service and self-service stations.

- X nozzle shuts off when the gas tank is full.
- Aluminum reinforced spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.



 Comes standard with smooth full grip guard.

1110

New Unleaded Nozzles

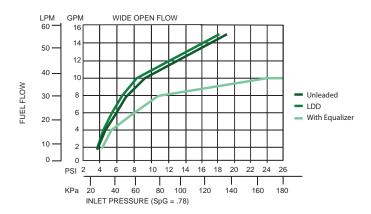
MODEL NO.	DESCRIPTION S	HIPPING WEIGHT LBS (KG)
159416N^	with Three Notch Hold Open Clip	3.0 (1.3)
159416A*	with Three Notch Hold Open Clip	Atex 3.0 (1.3)
E159416N^	with Three Notch Hold Open Clip	3.0 (1.3)
E159416A*	with Three Notch Hold Open Clip - A	Atex 3.0 (1.3)
159487A*	with Three Notch Hold Open Clip an	d Flo-Equalizer®
	- Atex	3.0 (1.3)
E538498N^	with Three Notch Hold Open Clip, D	ouble Poppet.
	Waffle Splash Guard and POPD® Mate	
159420	without Hold Open Clip	3.0 (1.3)
E159420	without Hold Open Clip	3.0 (1.3)
		^ NOT LISTED

New Light Duty Diesel Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
159415N^	with Three Notch Hold Open Clip	3.1 (1.4)
159415A*	with Three Notch Hold Open Clip	- Atex 3.1 (1.4)
E159415N^	with Three Notch Hold Open Clip	3.1 (1.4)
159486A*	with Three Notch Hold Open Clip - Atex	and Flo-Equalizer® 3.1 (1.4)
E538499N^	with Three Notch Hold Open Clip, Waffle Splash Guard and POPD® Ma	11 1
159419	without Hold Open Clip	3.1 (1.4)
E159419	without Hold Open Clip	3.1 (1.4)
		^ NOT LISTED

CONSTRUCTION

Body	One piece die cast aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel with hard plastic cover
Inlet	¾" / 19 mm NPT





CONVENTIONAL FUELING

GENERAL FUELING PRODUCTS

Automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003385	¾" F x ¾" F BSPP Reconnectable Safe-T-Break®
003385A	¾" F x ¾" F BSPP Reconnectable Safe-T-Break® - Atex
002774	¾" F x ¾" F BSPP Non-Reconnectable Safe-T-Break®
002774A	$3\!\!4$ " F x $3\!\!4$ " F BSPP Non-Reconnectable Safe-T-Break $^{\circ}$ - Atex

Swivels

MODEL NO.	DESCRIPTION
003590	¾" M x ¾" F BSPP Multi-Plane Swivel
003590A	¾" M x ¾" F BSPP Multi-Plane Swivel - Atex
002771	¾" M x ¾" F BSPP 90° Pump Swivel
002771A	¾" M x ¾" F BSPP 90° Pump Swivel - Atex

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
007085	¾" M BSPP Multi-Plane Swivel connected to ¾" F BSPP Reconnectable Safe-T-Break*
007085A	¾" M BSPP Multi-Plane Swivel connected to ¾" F BSPP Reconnectable Safe-T-Break* - Atex

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with internal screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
004490	Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
003593	Hold Open Clip Kit
007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Cover
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD® H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard





X CW Nozzles



Automatic shut-off nozzle for full-service and self-service stations.

- Aluminum reinforced spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Contains a poppet disc seal, rated at -40° F/C to prevent fuel leakage from the main seal in extreme cold weather.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.

New Unleaded Nozzles

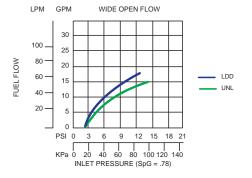
MODEL NO.	DESCRIPTION SHIPPING WEIG	GHT LBS (KG)
498404N^	with Three Notch Hold Open Clip	3.0 (1.3)
498408	without Hold Open Clip	3.0 (1.3)
498462N^	with Three Notch Hold Open Clip and Waffle Splas	h
	Guard	2.7 (1.2)
498466	without Hold Open Clip, with Waffle Splash Guard	2.7 (1.2)
		^ NOT LISTED

New Light Duty Diesel Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG
498403N^	with Three Notch Hold Open Clip	3.1 (1.4
498407	without Hold Open Clip	3.1 (1.4
498461N^	with Three Notch Hold Open Clip and Waffle Splash	
	Guard	2.8 (1.2
498467	without Hold Open Clip, with Wat	ffle Splash Guard 2.8 (1.2
4984134	without Hold Open Clip, with Wat	ffle Splash Guard,
	and StreamShaper®	2.8 (1.2
		^ NOT LISTE

Construction

Body	One piece die cast aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	¾" / 19 mm NPT









072

Automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003360	¾" F x ¾" F NPT Reconnectable Safe-T-Break®
002273	¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
006130	¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
005230	34" F x 34 " F NPT Low Pull Reconnectable Safe-T-Break*

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-plane Swivel
000355	¾" M x ¾" F NPT Multi-plane Black Swivel
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-plane Restricted Swivel

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
006310	¾" M NPT Multi-plane Swivel connected to ¾" F NPT Reconnectable Safe-T-Break*

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
004490	Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
003593	Hold Open Clip Kit
007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Cover
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard
-	



X DP Nozzles



Automatic shut-off nozzle for full-service and self-service stations.

- X nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- Double Poppet allows "to the penny" dispensing.
- Double Poppet is a two (2) step closure reducing the amount of pressure spiking, or "hydraulic hammer" and the adverse effects this has on the hose and dispenser meter.
- Aluminum reinforced spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.

New Unleaded Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
538404N^	with Three Notch Hold Open Clip	3.1 (1.4)
538424N^	with Three Notch Hold Open Clip	and Sightglass 3.1 (1.4)
538476N^	with Three Notch Hold Open Clip Waffle Splash Guard	and 3.1 (1.4)

New Light Duty Diesel Nozzles with NPT

-	J i i j i i i j	
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
538403N^	with Three Notch Hold Open Clip	3.1 (1.4)
5384135N^	with Three Notch Hold Open Clip	and
	StreamShaper®	3.1 (1.4)
		^ NOT LISTED

New Unleaded Nozzles with BSPP

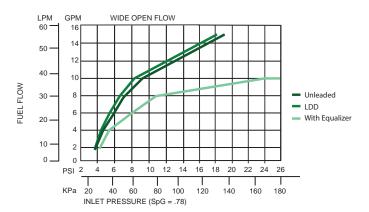
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
538416N^	with Three Notch Hold Open Clip	3.1 (1.4)
E538416N^	with Three Notch Hold Open Clip	3.1 (1.4)
E538416A*	with Three Notch Hold Open Clip	- Atex 3.1 (1.4)
E538420	without Hold Open Clip	3.1 (1.4)
		^ NOT LISTED

New Light Duty Diesel Nozzles with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
538415N^	with Three Notch Hold Open Clip	3.1 (1.4)
E538415N^	with Three Notch Hold Open Clip	3.1 (1.4)
E538419	without Hold Open Clip	3.1 (1.4)
		^ NOT LISTED

Construction

Body	One piece die cast aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	¾" / 19 mm NPT





WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

^ NOT LISTED



X DP Nozzles

Automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

DESCRIPTION
¾" F x ¾" F NPT Reconnectable Safe-T-Break®
¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
¾" F x ¾" F NPT Low Pull Reconnectable Safe-T-Break®
¾" F x ¾" F BSPP Reconnectable Safe-T-Break®
¾" F x ¾" F BSPP Reconnectable Safe-T-Break® - Atex
¾" F x ¾" F BSPP Non-Reconnectable Safe-T-Break®
¾" F x ¾" F BSPP Non-Reconnectable Safe-T-Break® - Atex

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Swivel Anodized Black
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel
003590	¾" M x ¾" F BSPP Multi-Plane Swivel
003590A	¾" M x ¾" F BSPP Multi-Plane Swivel - Atex
002771	¾" M x ¾" F BSPP 90° Pump Swivel
002771A	¾" M x ¾" F BSPP 90° Pump Swivel - Atex
-	

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
006310	 ¾" M NPT Multi-Plane Swivel connected to ¾" F NPT Reconnectable Safe-T-Break®
007085	¾" M BSPP Multi-Plane Swivel connected to ¾" F BSPP Reconnectable Safe-T-Break*
007085A	34" M BSPP Multi-Plane Swivel connected to 34" F BSPP Reconnectable Safe-T-Break* - Atex

Accessories, Testing and Maintenance

DESCRIPTION
Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
Hold Open Clip Kit
Internal Flo-Equalizer® - 10 gpm / 37.9 Lpm
Nozzle Service Kit
Unleaded Spout Gauge

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop [®] with StreamShaper [®]
010353	Light Duty Diesel Long Spout without Flo-Stop®



Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen -
	NPT Guards
MODEL NO.	DESCRIPTION
003376	Black Handle Cover
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD® H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
6)9 1808	Waffle Splash Guard



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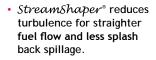






Automatic shut-off nozzle for full-service and self-service stations.

- X nozzle shuts off when the streamShaper® reduces turbulence for straighter
- Aluminum reinforced spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.



 Comes standard with smooth full grip guard.



Rebuilt Unleaded Nozzles with NPT

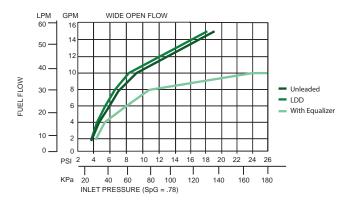
MODEL NO.	DESCRIPTION SHIPPING WEIG	HT LBS (KG)
265704N^	with Three Notch Hold Open Clip	3.1 (1.4)
E265704N^	with Three Notch Hold Open Clip	3.1 (1.4)
265708	without Hold Open Clip	3.1 (1.4)
E265708	without Hold Open Clip	3.1 (1.4)
265724N^	with Three Notch Hold Open Clip and Sightglass	3.1 (1.4)
265744N^	with Three Notch Hold Open Clip, Waffle Splash Guard and Flo-Equalizer®	3.1 (1.4)
265754N^	with Three Notch Hold Open Clip and Flo-Equalizer	·* 3.1 (1.4)
265758	without Hold Open Clip with Flo-Equalizer®	3.1 (1.4)
265764N^	with Three Notch Hold Open Clip and Waffle Splash Guard	3.1 (1.4)
		^ NOT LISTED

Rebuilt Light Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	LBS (KG)
265703N^	with Three Notch Hold Open Clip		3.1 (1.4)
E265703N^	with Three Notch Hold Open Clip		3.1 (1.4)
265707	without Hold Open Clip		3.1 (1.4)
E265707	without Hold Open Clip		3.1 (1.4)
265745N^	with Three Notch Hold Open Clip, Guard and Flo-Equalizer®	Waffle Splash	3.1 (1.4)
265753N^	with Three Notch Hold Open Clip	and Flo-Equalizer®	3.1 (1.4)
265757	without Hold Open Clip with Flo-E	qualizer®	3.1 (1.4)
265763N^	with Three Notch Hold Open Clip a Splash Guard	and Waffle	3.1 (1.4)
		^ N	OT LISTED

Construction

Body	One piece die cast aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	¾″ / 19 mm NPT







X Rebuilt Nozzles

Automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

DESCRIPTION
34" F x 34" F NPT Reconnectable Safe-T-Break®
34" F x 34" F NPT Non-Reconnectable Safe-T-Break®
34" F x 34" F NPT Non-Reconnectable PCC Safe-T-Break®
$3\!\!4''$ F x $3\!\!4''$ F NPT Low Pull Reconnectable Safe-T-Break*

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Swivel Anodized Black
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
006310	34" M NPT Multi-Plane Swivel connected to 34" F NPT Reconnectable Safe-T-Break®

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

DESCRIPTION
Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
Hold Open Clip Kit
Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
Nozzle Service Kit
Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Cover
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard



Automatic shut-off nozzle for full-service and self-service stations.

- X nozzle shuts off when the Sightglass on nozzle allows gas tank is full.
- Stainless steel reinforced spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- customer to see fuel flow through nozzle.
- StreamShaper[®] reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.



MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
159424N^	with Three Notch Hold Open Clip	3.0 (1.3)
E159424N^	with Three Notch Hold Open Clip	3.1 (1.4)
538424N^	with Hold Open Clip and Double F	Poppet 3.1 (1.4)
159428	without Hold Open Clip	3.0 (1.3)
E159428	without Hold Open Clip	3.0 (1.3)
1594184N^	with Three Notch Hold Open Clip	and Waffle Splash
	Guard	3.0 (1.3)
		^ NOT LISTED

GENERAL FUELING PRODUCTS

New Light Duty Diesel Nozzles

MODEL NO.	DESCRIPTION SHIPPING WEIGH	T LBS (KG)
159423N^	with Three Notch Hold Open Clip	3.1 (1.4)
E159423N^	with Three Notch Hold Open Clip	3.1 (1.4)
538423N^	with Three Notch Hold Open Clip and Double Poppet	3.1 (1.4)
159427	without Hold Open Clip	3.0 (1.3)
E159427	without Hold Open Clip	3.0 (1.3)
	/	NOT LISTED

Construction

Bod	ly	One piece die cast aluminum			
Sea	ls	Fluorocarbon			
Pac	king	Double o-ring seal protected by fiber reinforced	Double o-ring seal protected by fiber reinforced Teflon®		
Lev	er	One piece contoured steel with hard plastic cover	er		
Inle	et LPM 60 —	34" / 19.1 mm NPT <u>GPM WIDE OPEN FLOW</u> 16			
	50 —				
>	40 —	10			
FUEL FLOW	30 —	8	 Unleaded LDD 		
	20 —		 With Equalizer 		
	10 —	2			
	0 —	PSI 2 4 6 8 10 12 14 16 18 20 22 24 26	i		
		KPa 20 40 60 80 100 120 140 160 180 INLET PRESSURE (SpG = .78))		





X Sightglass Nozzles GENERAL FUELING PRODUCTS

Automatic shut off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003360	¾" F x ¾" F NPT Reconnectable Safe-T-Break®
002273	¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
006130	¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
005230	¾" F x ¾" F NPT Low Pull Reconnectable Safe-T-Break®
-	

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Swivel Anodized Black
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
006310	¼" M NPT Multi-Plane Swivel connected to ¾" F NPT Reconnectable Safe-T-Break®

Spouts

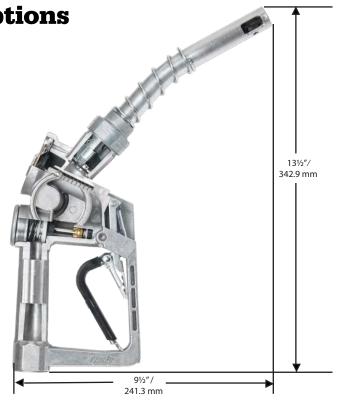
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Spout without Flo-Stop®
001471	Light Duty Diesel Spout without $Flo\text{-}Stop^{\circ}$ with $StreamShaper^{\circ}$
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
004490	Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
003593	Hold Open Clip Kit
007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Guard
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Guard
-	







SHIPPING WEIGHT LBS (KG)

Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

New Unleaded Nozzles

MODEL DESCRIPTION

- XS[®] nozzle shuts off when: — the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- Stainless steel spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.
- Optional EZ Lever:

 two piece design cuts opening force in half
 easier "to-the-penny" dispensing
 ADA compliant

aning force in nall	159559	with Three Not
isier_"to-the-penny"	159566	w/o Hold Open
pensing	159575	w/o Hold Open
DA compliant	159576	with Three Not
	159579	w/o Hold Open
	159582	with Three Not
	159589	with Single Not
	159595	with Three Note
S	1302704	with Three Note
- Ju-	1302708	w/o Hold Open
10-	1595106	with Two Notch
A	1595108	w/o Hold Open
	1595128	w/o Hold Open
	1595131	w/o Hold Open
-	1595146	with Three Not
-	1595179	with One Notch
	1595224	with Two Notch
	1595232	with Single Not
	1595239	with Single Not
	1120504	with Two Notch
	1120559	with Two Notch
	13027186	w/o Hold Open

159504	with Three Notch Hold Open Clip	3.1 (1.4)
E159504	with Three Notch Hold Open Clip	3.1 (1.4)
159508	w/o Hold Open Clip	3.1 (1.4)
E159508	with Hold Open Clip	3.1 (1.4)
159543	with Single Notch Hold Open Clip, Waffle Splash Guard and Flo-Equalizer®	3.1 (1.4)
159544	with Three Notch Hold Open Clip, Waffle Splash Guard and Flo-Equalizer®	3.2 (1.4)
159554	with Three Notch Hold Open Clip and Flo-Equalizer®	3.1 (1.4)
159558	w/o Hold Open Clip with Flo-Equalizer®	3.1 (1.4)
159559	with Three Notch Hold Open Clip and Waffle Splash Guard	3.0 (1.3)
159566	w/o Hold Open Clip with Waffle Splash Guard	3.0 (1.3)
159575	w/o Hold Open Clip with 1807 Waffle Splash Guard	3.0 (1.3)
159576	with Three Notch Hold Open Clip and Waffle Splash Guard	3.0 (1.3)
159579	w/o Hold Open Clip with 1807 Waffle Splash Guard	3.0 (1.3)
159582	with Three Notch Hold Open Clip and Drip Less Spout	3.0 (1.3)
159589	with Single Notch Hold Open Clip, $POPD^{\circ}$ S and Waffle Splash Guard	3.0 (1.3)
159595	with Three Notch Hold Open Clip, $POPD^{\scriptscriptstyle \otimes}$ S and Waffle Splash Guard	3.1 (1.4)
1302704	with Three Notch Hold Open Clip with GPR	3.1 (1.4)
1302708	w/o Hold Open Clip with GPR	3.1 (1.4)
1595106	with Two Notch Hold Open Clip	3.0 (1.3)
1595108	w/o Hold Open Clip, with POPD® S and Waffle Splash Guard	3.0 (1.3)
1595128	w/o Hold Open Clip and Spout Spring, with Waffle Splash Guard	3.0 (1.3)
1595131	w/o Hold Open Clip and Spout Spring, w/POPD $^{\circ}$ H and Waffle Splash Guard	3.1 (1.4)
1595146	with Three Notch Hold Open Clip, POPD® H and Waffle Splash Guard	3.1 (1.4)
1595179	with One Notch Hold Open Clip and Waffle Splash Guard	3.1 (1.4)
1595224	with Two Notch Hold Open Clip, Waffle Splash Guard and Flo-Equalizer $^{\circ}$	3.1 (1.4)
1595232	with Single Notch Hold Open Clip, POPD® H and Waffle Splash Guard	3.1 (1.4)
1595239	with Single Notch Hold Open Clip	3.1 (1.4)
1120504	with Two Notch Hold Open Clip and EZ Lever	3.1 (1.4)
1120559	with Two Notch Hold Open Clip, EZ Lever and Waffle Splash Guard	3.1 (1.4)
13027186	w/o Hold Open Clip and Spout Spring, with Waffle Splash Guard with GPR	3.0 (1.3)

New Light Duty Diesel Nozzles

MODEL	DESCRIPTION SHIPPING WEIGHT	LBS (KG)
159503	with Three Notch Hold Open Clip	3.1 (1.4)
E159503	with Three Notch Hold Open Clip	3.1 (1.4)
159507	w/o Hold Open Clip	3.1 (1.4)
E159507	w/o Hold Open Clip	3.1 (1.4)
159545	with Three Notch Hold Open Clip, Waffle Splash Guard and Flo-Equalizer $^{\circ}$	3.2 (1.4)
159553	with Three Notch Hold Open Clip and Flo-Equalizer®	3.1 (1.4)
159557	w/o Hold Open Clip with Flo-Equalizer®	3.1 (1.4)
159561	with Three Notch Hold Open Clip and Waffle Splash Guard	3.0 (1.3)
159567	w/o Hold Open Clip with Waffle Splash Guard	3.1 (1.4)
159577	with Single Notch Clip, POPD® and Waffle Splash Guard	3.3 (1.4)
159578	with Three Notch Hold Open Clip and Waffle Splash Guard	3.3 (1.4)
159580	w/o Hold Open Clip with 1807 Waffle Splash Guard	3.1 (1.4)
159585	with Single Notch Hold Open Clip, Waffle Splash Guard and Flo-Equalizer *	3.1 (1.4)
159596	with Three Notch Hold Open Clip, POPD® and Waffle Splash Guard	3.3 (1.4)
159597	with Single Notch Hold Open Clip and Waffle Splash Guard	3.1 (1.4)
1120561	with Two Notch Hold Open Clip, EZ Lever and Waffle Splash Guard	3.1 (1.4)
1595109	w/o Hold Open Clip, with POPD [®] S and Waffle Splash Guard	3.1 (1.4)
1595122	with Three Notch Hold Open Clip, POPD® H and Waffle Splash Guard	3.1 (1.4)
1595127	w/o Hold Open Clip and Spout Spring, w/POPD $^{\circ}$ H and Waffle Splash Guard	3.1 (1.4)
1595130	w/o Hold Open Clip and Spout Spring, with Waffle Splash Guard	3.1 (1.4)
1595135	with Three Notch Hold Open Clip	3.1 (1.4)
1595211	with Three Notch Hold Open Clip, Waffle Splash Guard and Drip Less Spout	3.1 (1.4)
1595225	with Two Notch Hold Open Clip and Waffle Splash Guard	3.1 (1.4)
1595233	with Single Notch Hold Open Clip, POPD® H and Waffle Splash Guard	3.1 (1.4)
1595238	with Single Notch Hold Open Clip	3.1 (1.4)
1120503N	^ with Two Notch Hold Open Clip and EZ Lever	3.1 (1.4)
11205109	w/o Hold Open Clip, with EZ Lever, POPD® S and Waffle Splash Guard	3.1 (1.4)

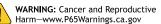
Construction

Body	One piece die cast aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	Single-piece polymer lever or two-piece polymer EZ lever
Inlet	3/4" / 19.1 mm NPT





Rev 21 10/20



CONVENTIONAL FUELING





Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003360	¾" F x ¾" F NPT Reconnectable Safe-T-Break®
002273	¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
006130	¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
005230	¾" F x ¾" F NPT Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Swivel Anodized Black
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
006310	¼" M NPT Multi-Plane Swivel connected to ¾" F NPT Reconnectable Safe-T-Break®

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop * with StreamShaper *
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
004490	Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
003593	Hold Open Clip Kit
007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Guard
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard



Pressure activated, automatic shut-off nozzle for full-service, self-service and unattended stations.

- XS[®] nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- A reinforced stainless steel spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.

New Unleaded Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
159516	with Three Notch Hold Open Clip	3.0 (1.3)
159516A*	with Three Notch Hold Open Clip -	- Atex 3.0 (1.3)
E159516N^	with Three Notch Hold Open Clip	3.0 (1.3)
E159516	with Three Notch Hold Open Clip	3.1 (1.4)
159520	without Hold Open Clip	3.0 (1.3)
E159520	without Hold Open Clip	3.1 (1.4)
		^ NOT LISTED

GENERAL FUELING PRODUCTS

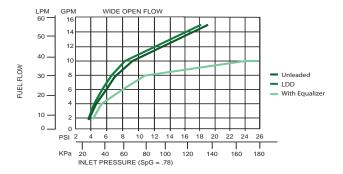
New Light Duty Diesel Nozzles

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MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
159515	with Three Notch Hold Open Clip	3.0 (1.3)
E159515A*	with Three Notch Hold Open Clip	- Atex 3.0 (1.3)
E159516N^	with Three Notch Hold Open Clip	3.0 (1.3)
E159515	with Three Notch Hold Open Clip	3.1 (1.4)
159519	without Hold Open Clip	3.0 (1.3)
E159519	without Hold Open Clip	3.1 (1.4)
		^ NOT LISTED

Construction

Body	One piece die cast aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece polymere
Inlet	¾" / 19.1 mm BSPP







WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



Pressure activated, automatic shut-off nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

DESCRIPTION
¾" F x ¾" F BSPP Reconnectable Safe-T-Break®
¾" F x ¾" F BSPP Reconnectable Safe-T-Break® - Atex
¾" F x ¾" F BSPP Non-Reconnectable Safe-T-Break®
¾" F x ¾" F BSPP Non-Reconnectable Safe-T-Break® - Atex

Swivels

MODEL NO.	DESCRIPTION
003590	¾" M x ¾" F BSPP Multi-Plane Swivel
003590A	¾" M x ¾" F BSPP Multi-Plane Swivel - Atex
002771	¾" M x ¾" F BSPP 90° Pump Swivel
002771A	¾" M x ¾" F BSPP 90° Pump Swivel - Atex

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
007085	¼″ M BSPP Multi-Plane Swivel connected to ¾" F BSPP Reconnectable Safe-T-Break®
007085A	¾" M BSPP Multi-Plane Swivel connected to ¾" F BSPP Reconnectable Safe-T-Break* - Atex

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Cover
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003795	Mate Guard
003440	Mate Easy-on Package
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard





Pressure activated, automatic shut-off nozzle for full-service, self-service and unattended stations.

• XS[®] nozzle shuts off when:

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- the pump shuts off.
- the gas tank is full.
- the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- A reinforced stainless steel spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Contains a poppet disc seal, rated at -40° F/C to prevent fuel leakage from the main seal in extreme cold weather.

- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.

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Comes standard with smooth full grip guard.

New Unleaded Nozzles

MODEL NO.	DESCRIPTION SH	PPING WEIGHT LBS (KG)
498104	with Three Notch Hold Open Clip	3.1 (1.4)
498108	without Hold Open Clip	3.1 (1.4)
498162	with Three Notch Hold Open Clip and Splash Guard	Waffle 3.0 (1.3)
498166	without Hold Open Clip, with Waffle S	plash Guard 3.0 (1.3)
498195	with Three Notch Hold Open Clip, PO Waffle Splash Guard	PD [®] S and 3.0 (1.3)
1302604	with Three Notch Hold Open Clip with	GPR 3.1 (1.4)
1302608	without Hold Open Clip with GPR	3.1 (1.4)
1302659	with Three Notch Hold Open Clip and Splash Guard with GPR	Waffle 3.0 (1.3)
1302695	with Three Notch Hold Open Clip, POI Waffle Splash Guard with GPR	PD [®] S and 3.0 (1.3)

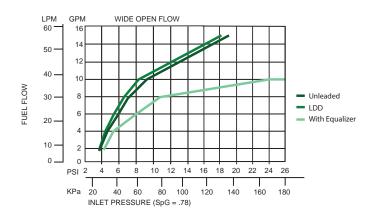
GENERAL FUELING PRODUCTS

New Light Duty Diesel Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
498103	with Three Notch Hold Open Clip	3.1 (1.4)
498107	without Hold Open Clip	3.1 (1.4)
498161	with Three Notch Hold Open Clip	and Waffle Splash
	Guard	3.0 (1.3)
498167	without Hold Open Clip, with Waf	fle Splash Guard 3.1 (1.4)
498196	with Three Notch Hold Open Clip,	POPD [®] S and
	Waffle Splash Guard	3.1 (1.4)
4981135	with Three Notch Hold Open Clip	3.1 (1.4)

Construction

Body	One piece die cast aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel with hard plastic cover
Inlet	¾" / 19 mm NPT





Pressure activated, automatic shut-off nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003360	3/4" F x 3/4" F NPT Reconnectable Safe-T-Break®
002273	3/4" F x 3/4" F NPT Non-Reconnectable Safe-T-Break®
006130	3/4" F x 3/4" F NPT Non-Reconnectable PCC Safe-T-Break®
005230	$3\!\!4"$ F x $3\!\!4"$ F NPT Low Pull Reconnectable Safe-T-Break*

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Black Swivel
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
006310	34" M NPT Multi-Plane Swivel connected to 34" F NPT Reconnectable Safe-T-Break®

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop $^{\circ}$ with StreamShaper $^{\circ}$
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
004490	Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
003593	Hold Open Clip Kit
007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Cover
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard





Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

- XS[®] nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Double Poppet allows "to the penny" dispensing.
- Double Poppet is a two (2) step closure reducing the amount of pressure spiking, or "hydraulic hammer" and the adverse effects this has on the hose and dispenser meter.
- A reinforced stainless steel spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
 - Comes standard with smooth full grip guard.

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New Unleaded Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
539604	with Three Notch Hold Open Clip	3.1 (1.4)
539676	with Three Notch Hold Open Clip	
	Guard	3.1 (1.4)

GENERAL FUELING PRODUCTS

New Light Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
539603	with Three Notch Hold Open Clip	3.1 (1.4)
5396135	with Three Notch Hold Open Clip with StreamShaper®	and Mate Guard 3.1 (1.4)

New Unleaded Nozzles with BSPP

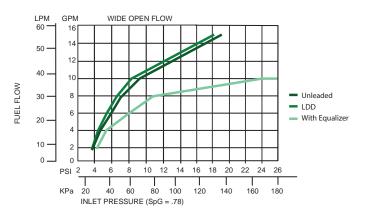
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
539616A*	with Three Notch Hold Open Clip	- Atex 3.1 (1.4)
539632A*	with Three Notch Hold Open Clip	and Sightglass - Atex 3.1 (1.4)
E539616	with Three Notch Hold Open Clip	3.1 (1.4)
E539687	with Three Notch Hold Open Clip	Flo-Equalizer®
	and Mate Guard	3.1 (1.4)
E539620	without Hold Open Clip	3.1 (1.4)
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New Light Duty Diesel Nozzles wih BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
E539615	with Three Notch Hold Open Clip	3.1 (1.4)
E539686	with Three Notch Hold Open Clip,	Flo-Equalizer [®] 3.1 (1.4)

CONSTRUCTION

Body	One piece die cast aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel with hard plastic cover
Inlet	¾" / 19 mm NPT or BSPP







WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003360	¾" F x ¾" F NPT Reconnectable Safe-T-Break®
002273	¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
006130	3/4" F x 3/4" F NPT Non-Reconnectable PCC Safe-T-Break*
005230	¾" F x ¾" F NPT Low Pull Reconnectable Safe-T-Break®
003385	34" F x 34" F BSPP Reconnectable Safe-T-Break®
003385A	¾" F x ¾" F BSPP Reconnectable Safe-T-Break® - Atex
002774	¾" F x ¾" F BSPP Non-Reconnectable Safe-T-Break®
002774A	¾" F x ¾" F BSPP Non-Reconnectable Safe-T-Break® - Atex

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Swivel Anodized Black
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel
003590	¾" M x ¾" F BSPP Multi-Plane Swivel
003590A	¾" M x ¾" F BSPP Multi-Plane Swivel - Atex
002771	¾" M x ¾" F BSPP 90° Pump Swivel
002771A	$3\!$

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
006310	 ¾" M NPT Multi-Plane Swivel connected to ¾" F NPT Reconnectable Safe-T-Break[®]
007085	 ¾" M BSPP Multi-Plane Swivel connected to ¾" F BSPP Reconnectable Safe-T-Break*
007085A	¾" M BSPP Multi-Plane Swivel connected to ¾" F BSPP Reconnectable Safe-T-Break [®] - Atex

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
004490	Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®



Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Cover
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD® EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD® S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD® S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard



Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

- XS[®] nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- A reinforced stainless steel spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

 StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.

S[®] MFM Nozz

 Comes standard with smooth full grip guard.

New Unleaded Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
159562	with Three Notch Hold Open Clip Splash Guard	and Waffle 3.3 (1.4)
159568	without Hold Open Clip, with Rec Lenticular Lens	VSG, Sightglass and 3.0 (1.3)

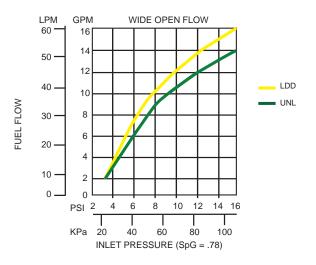
GENERAL FUELING PRODUCTS

New Light Duty Diesel Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
159560	with Three Notch Hold Open Clip Splash Guard	and Waffle 3.3 (1.4)
539660	with Three Notch Hold Open Clip and Waffle Splash Guard	, Double Poppet 3.3 (1.4)
1595267	with Three Notch Hold Open Clip Less Spout	, and Drip 3.3 (1.4)

CONSTRUCTION

Body	One piece die cast aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT







Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007089	Nozzle Service Kit
003593	Hold Open Clip Kit
000397	Unleaded Spout Gauge
000385	1" M x ¾" F Reducer Bushing



Guards

MODEL NO.	DESCRIPTION
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard



Pressure activated, automatic shut-off nozzle for full-service, self-service and unattended stations.

- XS[®] nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- A reinforced stainless steel spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

XS[®] Rebuilt Nozzles

- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.

Rebuilt Unleaded Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT I	BS (KG)
265804	with Three Notch Hold Open Clip		3.1 (1.4)
265808	without Hold Open Clip		3.1 (1.4)
265824	with Three Notch Hold Open Clip	and Sightglass	3.1 (1.4)
265844	with Three Notch Hold Open Clip, Guard and Flo-Equalizer®		3.1 (1.4)
265854	with Three Notch Hold Open Clip	and Flo-Equalizer®	3.1 (1.4)
265858	without Hold Open Clip, with Flo-	Equalizer®	3.1 (1.4)
265864	with Three Notch Hold Open Clip Splash Guard		3.0 (1.3)

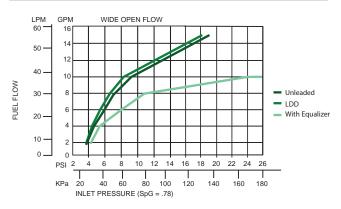
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GENERAL FUELING PRODUCTS

Rebuilt Light Duty Diesel Nozzles

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MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	LBS (KG)
265803	with Three Notch Hold Open Clip		3.1 (1.4)
265807	without Hold Open Clip		3.1 (1.4)
265845	with Three Notch Hold Open Clip a	and Flo-Equalizer®	3.1 (1.4)
265853	without Hold Open Clip, with Flo-I	Equalizer®	3.1 (1.4)
265857	with Three Notch Hold Open Clip a	and Waffle	
	Splash Guard		3.3 (1.4)
265863	with Three Notch Hold Open Clip a	and Waffle	
	Splash Guard		3.1 (1.4)

Body	One piece die cast aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	¾″ / 19 mm NPT







XS[®] Rebuilt Nozzles GENERAL FUELING PRODUCTS

Pressure activated, automatic shut-off nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003360	¾" F x ¾" F NPT Reconnectable Safe-T-Break®
002273	3/4" F x 3/4" F NPT Non-Reconnectable Safe-T-Break®
006130	¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
005230	$3\!\!4''$ F x $3\!\!4''$ F NPT Low Pull Reconnectable Safe-T-Break*

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Black Swivel
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
006310	34" M NPT Multi-Plane Swivel connected to 34" F NPT Reconnectable Safe-T-Break®

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop $^{\circ}$ with StreamShaper $^{\circ}$
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
004490	Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
003593	Hold Open Clip Kit
007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Cover
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Guard
-	



Automatic shut-off nozzle for full-service and self-service stations.

- XS[®] nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- A reinforced stainless steel spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

- Sightglass on nozzle allows customer to see fuel flow through nozzle.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.

New Unleaded Nozzles

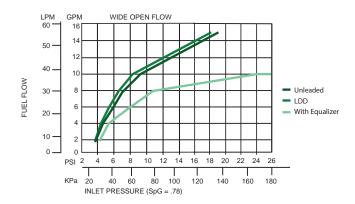
MODEL NO.	DESCRIPTION SHIPPING WEIGH	T LBS (KG)
159524	with Three Notch Hold Open Clip	3.1 (1.4)
E159524	with Three Notch Hold Open Clip	3.1 (1.4)
159528	without Hold Open Clip	3.1 (1.4)
E159528	without Hold Open Clip	3.1 (1.4)
1302724	with Three Notch Hold Open Clip with GPR	3.1 (1.4)
E11635236	with Two Notch Hold Open Clip, Waffle Splash Guard	
	and Mate Guard	3.1 (1.4)

GENERAL FUELING PRODUCTS

New Light Duty Diesel Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
159523	with Three Notch Hold Open Clip	3.1 (1.4)
E159523	with Three Notch Hold Open Clip	3.1 (1.4)
159527	without Hold Open Clip	3.1 (1.4)
E159527	without Hold Open Clip	3.1 (1.4)

Body	One piece die cast aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	¾" / 19.1 mm NPT







XS[®] Sightglass Nozzles GENERAL FUELING PRODUCTS

Automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003360	¾" F x ¾" F NPT Reconnectable Safe-T-Break®
002273	¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
006130	¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
005230	¾" F x ¾" F NPT Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Swivel Anodized Black
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
006310	¼" M NPT Multi-Plane Swivel connected to ¾" F NPT Reconnectable Safe-T-Break®

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

DESCRIPTION
Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
Hold Open Clip Kit
Internal Flo-Equalizer® - 10 gpm / 37.9 Lpm
Nozzle Service Kit
Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Guard
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD® H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard

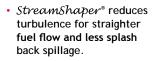




1A Rebuilt Nozzles



- 1A nozzle shuts off when the gas tank is full.
- Aluminum reinforced spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.



Comes standard with smooth full grip guard.

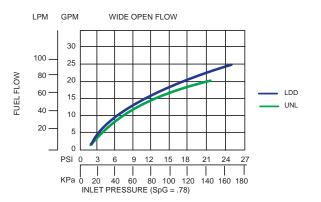
Rebuilt Unleaded Nozzles with NPT

MODEL NO.	DESCRIPTION SHIPPING WEI	GHT LBS (KG)
696404N^	with Three Notch Hold Open Clip	3.3 (1.4)
696408	without Hold Open Clip	3.3 (1.4)
696459N^	with Three Notch Hold Open Clip and Waffle Splash Guard	d 3.3 (1.4)
696472N^	with Three Notch Hold Open Clip, Waffle Splash Guard ar	nd
	Reducer Bushing	3.3 (1.4)
		^ NOT LISTED

Rebuilt Light Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION SHIPPING	WEIGHT LBS (KG)
696403N^	with Three Notch Hold Open Clip	3.4 (1.5)
696407	without Hold Open Clip	3.4 (1.5)
696461N^	with Three Notch Hold Open Clip and Waffle Splash	Guard 3.3 (1.4)
696473N^	with Three Notch Hold Open Clip, Waffle Splash Gua	rd and
	Reducer Bushing	3.4 (1.5)
		^ NOT LISTED

Body	One piece die cast aluminum	
Seals	Fluorocarbon	
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\!\otimes}$	
Lever	One piece contoured steel with hard plastic cover	
Inlet	1" / 25.4 mm NPT and BSPP	









1A Rebuilt Nozzles

Automatic shut-off nozzle with metal handguard for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®

Swivels

Model No.	Description
000087	1" M x 1" F NPT Multi-Plane Swivel
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003306	1" M x 1" F BSPP Multi-Plane Swivel
003306A	1" M x 1" F BSPP Multi-Plane Swivel - Atex
006949	1" M x 1" F BSPP Multi-Plane High Flow Swivel

Swivel/Safe-T-Break® Combos

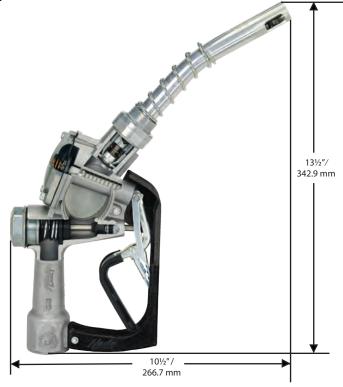
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop [®]

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge
000385	1" M x ¾" F Reducer Bushing



Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
001804	Full Grip Reguard
005494	Lever Guard
003376	Mate Handle Guard
000226	Mate Nozzle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD* H Clear Cover
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
008170	POPD [®] H Mate Nozzle Guard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Nozzle Guard
000099	Protection Package
001811	Reguard Protection Package
001808	Waffle Splash Guard

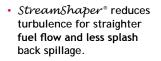


1A Rebuilt Nozzles



Automatic shut-off nozzle with polymer handguard for full-service and self-service stations.

- 1A nozzle shuts off when the gas tank is full.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Aluminum reinforced spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.



 Comes standard with smooth full grip guard.

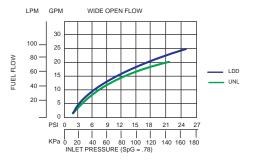
Rebuilt Unleaded Nozzles

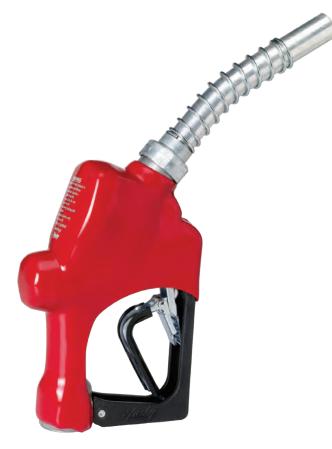
MODEL	DESCRIPTION SHIPPIN	G WEIGHT LBS (KG)
074704N^	with Three Notch Hold Open Clip	3.5 (1.6)
074708	without Hold Open Clip	3.5 (1.6)
074759N^	with Three Notch Hold Open Clip and Waffle Splash G	uard 3.5 (1.6)
074772N^	with Three Notch Hold Open Clip, Waffle Splash Guar	d with
	Reducer Bushing	3.3 (1.4)
		^ NOT LISTED

Rebuilt Light Duty Diesel Nozzles

MODEL	DESCRIPTION	HIPPING WEIGHT LBS (KG)
074703N^	with Three Notch Hold Open Clip	3.6 (1.7)
074707	without Hold Open Clip	3.6 (1.7)
074761N^	with Three Notch Hold Open Clip and Waffle	Splash Guard 3.6 (1.7)
074773N^	with Three Notch Hold Open Clip, Waffle Sp	lash Guard and
	Reducer Bushing	3.0 (1.3)
Reducer Bu	Ishing	3.3 (1.4)
		^ NOT LISTED

Body	Die cast aluminum body with black hand guard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT and BSPP









1A Rebuilt Nozzles

Automatic shut-off nozzle with polymer handguard for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION	
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®	
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®	
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®	
005231	1" F x 1" F NPT Low Pull Reconnectable	
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break*	
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex	
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®	

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003306	1" M x 1" F BSPP Multi-Plane Swivel
003306A	1" M x 1" F BSPP Multi-Plane Swivel - Atex
006949	1" M x 1" F BSPP Multi-Plane High Flow Swivel

Swivel/Safe-T-Break® Combos

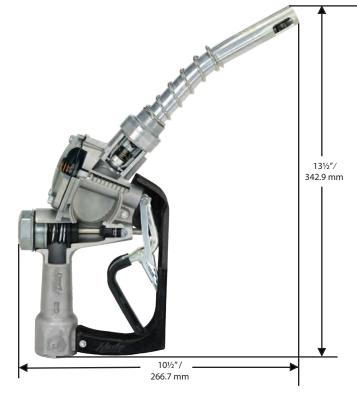
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
000385	1" M x ¾" F Reducer Bushing
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

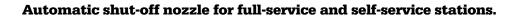
Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
001804	Full Grip Reguard
005494	Lever Guard
007295	Mate Handle Guard
000226	Mate Nozzle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD® H Clear Cover
008183	POPD® H Full Grip Guard
008190	POPD® H Full Grip Reguard
008170	POPD® H Mate Nozzle Guard
006628	POPD® S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Nozzle Guard
000099	Protection Package
001811	Reguard Protection Package
001808	Waffle Splash Guard



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MADE IN THE U.S.A.



- Aluminum reinforced spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Contains a poppet disc seal, rated at -40° F/C to prevent fuel leakage from the main seal in extreme cold weather.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.

Rebuilt Unleaded Nozzles

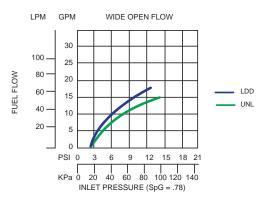
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
503704N^	with Three Notch Hold Open Clip	3.1 (1.4)
-		^ NOT LISTED

GENERAL FUELING PRODUCTS

Rebuilt Light Duty Diesel Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
503703N^	with Three Notch Hold Open Clip	3.1 (1.4)
		^ NOT LISTED

Body	One piece die cast aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel with hard plastic cover
Inlet	3⁄4" / 19 mm NPT





X CW Rebuilt Nozzles GENERAL FUELING PRODUCTS

Automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003360	¾" F x ¾" F NPT Reconnectable Safe-T-Break®
002273	¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
006130	¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
005230	$3\!\!4$ " F x $3\!\!4$ " F NPT Low Pull Reconnectable Safe-T-Break*

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	3/4" M x 3/4" F NPT Multi-Plane Black Swivel
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
006310	34" M NPT Multi-Plane Swivel connected to 34" F NPT Reconnectable Safe-T-Break®

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop $^{\circ}$ with StreamShaper $^{\circ}$
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

DESCRIPTION
Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
Hold Open Clip Kit
Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
Nozzle Service Kit
Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Cover
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard



Pressure activated, automatic shut-off nozzle for full-service, self-service and unattended stations.

- XS[®] nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.
- the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- A reinforced stainless steel spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Contains a poppet disc seal, rated at -40° F/C to prevent fuel leakage from the main seal in extreme cold weather.

- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.

Comes standard with smooth full grip guard.

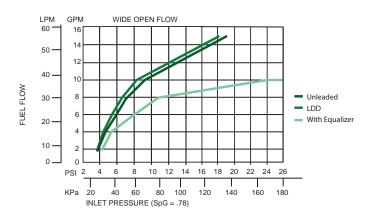
Rebuilt Unleaded Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
503904	with Three Notch Hold Open Clip	3.1 (1.4)

Rebuilt Light Duty Diesel Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
503903	with Three Notch Hold Open Clip	3.1 (1.4)

Body	One piece die cast aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	¾″ / 19 mm NPT







XS[®] Rebuilt CW Nozzles GENERAL FUELING PRODUCTS

Pressure activated, automatic shut-off nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003360	¾" F x ¾" F NPT Reconnectable Safe-T-Break®
002273	¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
006130	¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
005230	34" F x 34 " F NPT Low Pull Reconnectable Safe-T-Break*

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Black Swivel
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
006310	¾" M NPT Multi-Plane Swivel connected to ¾" F NPT Reconnectable Safe-T-Break®

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop $^{\circ}$ with StreamShaper $^{\circ}$
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

DESCRIPTION
Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
Hold Open Clip Kit
Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
Nozzle Service Kit
Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Cover
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008176	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard





Automatic shut-off nozzle for full-service and self-service stations.

- X nozzle shuts off when: — the gas tank is full.
- Stainless steel spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.
- 2-piece lever is easier to use:
 - requires ½ the force to open nozzle.
 - ADA compliant.

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New Unleaded Nozzles

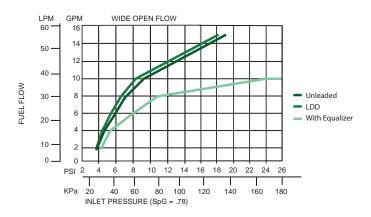
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG
1163404N	with Two Notch Hold Open Clip	3.0 (1.4
116342535	without Hold Open Clip, with POP Splash Guard	D° S and Waffle 3.0 (1.4
13458119N^	with Two Notch Hold Open Clip an	id POPD® H 3.0 (1.4
13458214N^	with Two Notch Hold Open Clip, L Excessive Heat Resistance	ong Spout and 3.0 (1.4
1163466	without Hold Open Clip, with Waf	fle Splash Guard 3.0 (1.4
11634124	without Hold Open Clip, with POP Splash Guard	D [®] H and Waffle 3.0 (1.4
		^ NOT LISTE

New Light Duty Diesel Nozzles

MODEL NO.	DESCRIPTION SHIPPING WEIG	HT LBS (KG)
1163403N	with Two Notch Hold Open Clip	3.1 (1.4)
13458205N^	with Two Notch Hold Open Clip and POPD® H	3.1 (1.4)
13458215N^	with Two Notch Hold Open Clip, Long Spout and Excessive Heat Resistance	3.1 (1.4)
1163467	without Hold Open Clip, with Waffle Splash Guard	3.1 (1.4)
11634120	without Hold Open Clip, with POPD [®] H and Waffle Splash Guard	3.1 (1.4)
		^ NOT LISTED

Construction

Body	Die cast aluminum with polymer handguard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	Two-piece polymer
Inlet	¾″ / 19 mm NPT





Rev 1 11/19

Husky GENERAL FUELING FRODUCTS X EZ LEVER PHG Nozzles

Automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003360	¾" F x ¾" F NPT Reconnectable Safe-T-Break®
002273	¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
006130	¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
005230	3/4" F x 3/4" F NPT Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	3/4" M x 3/4" F NPT Multi-Plane Swivel Anodized Black
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	34" M x 34" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
006310	34" M NPT Multi-Plane Swivel connected to 34" F NPT Reconnectable Safe-T-Break®

Spouts

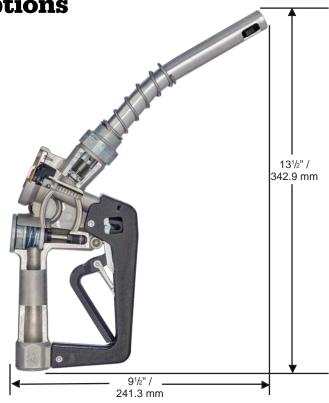
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
004490	Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
003593	Hold Open Clip Kit
007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Guard
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-On Package
003795	Mate Guard
008175	POPD [®] EZS Nozzle Guard
008176	POPD [®] EZH Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard



2325 Husky Way • Pacific, MO 63069 (800) 325-3558 • Fax (636) 825-7300 www.husky.com • sales@husky.com



Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

- XS[®] nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- Stainless steel spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.

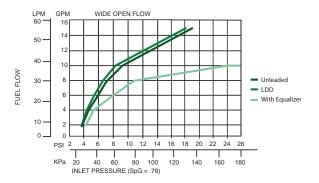
New Unleaded Nozzles

MODEL	DESCRIPTION S	HIPPING WEIGHT L	BS (KG)
1219304	with Three Notch Hold Open Clip		3.0 (1.3)
1219304N^	with Three Notch Hold Open Clip		3.0 (1.3)
1219359	with Three Notch Hold Open Clip and Waffle Spl	ash Guard	3.0 (1.3)
1219395	with Three Notch Hold Open Clip, POPD* S and	Waffle Splash Guard	3.0 (1.3)
12193146	with Three Notch Hold Open Clip, POPD* H and	Waffle Splash Guard	3.0 (1.3)
12193179	with Single Notch Hold Open Clip, Waffle Splash Flo-Equalizer®	Guard and	3.0 (1.3)
E1219359	with Three Notch Hold Open Clip, Waffle Splash	Guard	
	and Mate Guard		3.0 (1.3)
		^NO	T LISTED

New Light Duty Diesel Nozzles

MODEL	DESCRIPTION SHIPPING WEIGHT	LBS (KG)
1219303	with Three Notch Hold Open Clip	3.1 (1.4)
1219361	with Three Notch Hold Open Clip and Waffle Splash Guard	3.1 (1.4)
1219396	with Three Notch Hold Open Clip, POPD* S and Waffle Splash Guard	3.0 (1.3)
1219397	with Single Notch Hold Open Clip and Waffle Splash Guard	3.1 (1.4)
12193122	with Three Notch Hold Open Clip, POPD* H and Waffle Splash Guard	3.1 (1.4)
E1219361	with Three Notch Hold Open Clip, Waffle Splash Guard	
	and Mate Guard	3.0 (1.3)

Body	Die cast aluminum with polymer handguard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	Polymer lever, one piece
Inlet	3/4" / 19.1 mm NPT







Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003360	¾" F x ¾" F NPT Reconnectable Safe-T-Break®
002273	¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
006130	¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
005230	¾" F x ¾" F NPT Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Swivel Anodized Black
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
006310	¾" M NPT Multi-Plane Swivel connected to ¾" F NPT Reconnectable Safe-T-Break*

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
004490	Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
003593	Hold Open Clip Kit
007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Guard
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD® EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD® H Mate Guard
006628	POPD® S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard





Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

- XS[®] nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- · Stainless steel spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- · Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or

- StreamShaper[®] reduces turbulence for straighter fuel flow and less splash back spillage.
- · Comes standard with smooth full grip guard.
- · 2-piece lever is easier to use:
 - requires 1/2 the force to open nozzle.
 - ADA compliant.

New Unleaded Nozzles

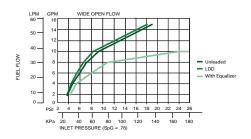
MODEL	DESCRIPTION SHIPPING WEIGHT	LBS (KG)
1163504	with Two Notch Hold Open Clip	3.1 (1.4)
1163508	without Hold Open Clip	3.1 (1.4)
1163504N^	with Two Notch Hold Open Clip	3.1 (1.4)
1163544	with Two Notch Hold Open Clip, Waffle Splash Guard and Flo-Equalizer *	3.1 (1.4)
1163554N^	with Two Notch Hold Open Clip and Flo-Equalizer®	3.1 (1.4)
1163559	with Two Notch Hold Open Clip and Waffle Splash Guard	3.1 (1.4)
1163566	without Hold Open Clip, with Waffle Splash Guard	3.1 (1.4)
1163582	with Two Notch Hold Open Clip, Waffle Splash Guard and Drip Less Spout	3.1 (1.4)
1163595	with Two Notch Hold Open Clip, POPD® S and Waffle Splash Guard	3.1 (1.4)
11635108	without Hold Open Clip, with POPD* S and Waffle Splash Guard	3.1 (1.4)
11635126	without Hold Open Clip, with POPD* S Full Grip Guard	3.1 (1.4)
11635146	with Two Notch Hold Open Clip, POPD* H and Waffle Splash Guard	3.1 (1.4)
11635214N^	with Two Notch Hold Open Clip and Long Spout	3.1 (1.4)
E1163504	with Two Notch Hold Open Clip and Mate Guard	3.1 (1.4)
E1163504N^	with Two Notch Hold Open Clip and Mate Guard	3.1 (1.4)
E1163508	without Hold Open Clip, with Mate Guard	3.1 (1.4)
E1163543	with Single Notch Hold Open Clip, Waffle Splash Guard and Mate Guard	3.1 (1.4)
E1163559	with Two Notch Hold Open Clip, Waffle Splash Guard and Mate Guard	3.1 (1.4)
E1163566	without Hold Open Clip, with Waffle Splash Guard and Mate Guard	3.1 (1.4)
E1163582	with Two Notch Hold Open Clip, Waffle Splash Guard, Drip Less Spout and Mate Guard	3.1 (1.4)
E11635246	without Hold Open Clip, Waffle Splash Guard, Drip Less Spout and Mate Guard	3.1 (1.4)

New Light Duty Diesel Nozzles

MODEL	DESCRIPTION SHIPPING WEIGH	t lbs (KG)
1163503	with Two Notch Hold Open Clip	3.1 (1.4)
1163503N^	with Two Notch Hold Open Clip	3.1 (1.4)
1163507	without Hold Open Clip	3.1 (1.4)
1163553N^	with Two Notch Hold Open Clip and Flo-Equalizer®	3.1 (1.4)
1163561	with Two Notch Hold Open Clip and Waffle Splash Guard	3.1 (1.4)
1163567	without Hold Open Clip, with Waffle Splash Guard	3.1 (1.4)
1163596	with Two Notch Hold Open Clip, POPD* S and Waffle Splash Guard	3.1 (1.4)
11635109	without Hold Open Clip, with POPD® S and Waffle Splash Guard	3.1 (1.4)
11635211	with Two Notch Hold Open Clip, Waffle Splash Guard and Drip Less Spout	3.1 (1.4)
11635270	without Hold Open Clip, with POPD* S Full Grip Guard	3.1 (1.4)
11635215N^	with Two Notch Hold Open Clip and Long Spout	3.1 (1.4)
E1163503	with Two Notch Hold Open Clip and Mate Guard	3.1 (1.4)
E1163507	without Hold Open Clip, with Mate Guard	3.1 (1.4)
E1163597	with Single Notch Hold Open Clip, Waffle Splash Guard and Mate Guar	d 3.1 (1.4)
E1163561	with Two Notch Hold Open Clip, Waffle Splash Guard and Mate Guard	3.1 (1.4)
E1163567	without Hold Open Clip, with Waffle Splash Guard and Mate Guard	3.1 (1.4)
E11635211	with Two Notch Hold Open Clip, Waffle Splash Guard, Drip Less Spout and Mate Guard	3.1 (1.4)
E11635247	with Hold Open Clip, Waffle Splash Guard, Drip Less Spout and Mate Guard	3.1 (1.4)
	^N	OT LISTED

CONSTRUCTION

Body	Die cast aluminum with polymer handguard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	Polymer lever
Inlet	3/4" / 19 mm NPT





^NOT LISTED

raises above the horizontal.





Husky SEZ Lever PHG Nozzles

Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003360	¾" F x ¾" F NPT Reconnectable Safe-T-Break®
002273	¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
006130	¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
005230	¾" F x ¾" F NPT Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Swivel Anodized Black
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
006310	¾" M NPT Multi-Plane Swivel connected to ¾" F NPT Reconnectable Safe-T-Break*

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
004490	Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
003593	Hold Open Clip Kit
007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Guard
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD® EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD® H Clear Cover
008185	POPD® H Full Grip Guard
008192	POPD® H Full Grip Reguard
008166	POPD® H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard



Enhanced Conventional (ECO) Nozzles



Automatic shut-off conventional nozzle equipped with a mechanical interlock that shuts off the nozzle if it falls from the fill tank.

- Unique internal interlock device that shuts off the fuel flow before the spout is out of the tank.
- Aluminum casting with high impact polymer hand guard provides a lightweight, easier to handle conventional nozzle.
- 2-piece lever is easier to use:
- requires ½ the force to open nozzle.
- ADA compliant.
- A reinforced stainless steel spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Drip Less spout reduces/ eliminates drips from spout.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.

- Lightest insertion "force" of any safety interlock operated nozzle.
- Comes standard with smooth full grip guard.
- CARB compliant for drips, spills, spitting and liquid retention.
- Unique tilt poppet maximizes "to-the-penny" dispensing.
- Cold weather version contains a poppet disc seal rated to -40° F/C to prevent fuel leakage from the main seal in extreme cold

New Unleaded Nozzles

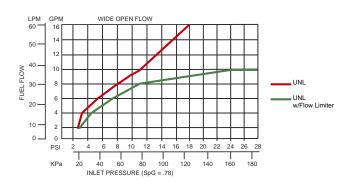
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1190404	with Two Notch Hold Open Clip,	
	Spout	2.8 (1.3)
1190408	without Hold Open Clip, with EZ	Lever and Drip Less
	Spout	2.8 (1.3)
11904180	with Two Notch Hold Open Clip,	EZ Lever, Drip Less
	Spout and Flo-Equalizer®	2.8 (1.3)

New Cold Weather Unleaded Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1474504	with Two Notch Hold Open Clip,	, EZ Lever and
	Drip Less Spout	2.8 (1.3)

Construction

Body	One piece die cast aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	Two piece high impact polymer
Inlet	¾″ / 19.1 mm NPT





WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



Enhanced Conventional (ECO) 07.7.

Automatic shut-off conventional nozzle equipped with a mechanical interlock that shuts off the nozzle if it falls from the fill tank.

Dimensions and System Options

Safe-T-Breaks®

DESCRIPTION
¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
¾" F x ¾" F NPT Reconnectable Safe-T-Break®
¾" F x ¾" F NPT Low Pull Reconnectable
¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
¾" F x ¾" F NPT Reconnectable MagBreak®

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Swivel Anodized Black
002272	¾" M x ¾" F NPT 90° Pump Swivel
002950	3/4" M x 3/4" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
006310	¾" M NPT Multi-Plane Swivel connected to ¾" F NPT Reconnectable Safe-T-Break®

Spouts

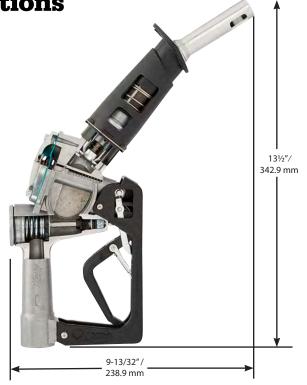
MODEL NO.	DESCRIPTION
013664	Unleaded ECO Spout Assembly Kit

Pressure/Vacuum Vents

DESCRIPTION
2" Slip-On Pressure Vacuum Vent
2" Thread-On Pressure Vacuum Vent - NPT
2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT
3" Thread to 2" Adaptor - NPT

Guards

MODEL NO.	DESCRIPTION
014034	Full Grip Nozzle Guard



Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
004490	Conventional Flo-Equalizer® - 10 gpm / 37.9 Lpm
003593	Hold Open Clip Kit
007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
000397	Unleaded Spout Gauge

Low Perm Hoses

MODEL NO.	DESCRIPTION
CP12LP8.5	3/4" Low Perm Hardwall 8.5' Assembly Hose
CP12LP8.5SV	3/4" Low Perm Hardwall 8.5' Assembly Hose Swivel
CP12LP9	3/4" Low Perm Hardwall 9' Assembly Hose
CP12LP9SV	3/4" Low Perm Hardwall 9' Assembly Hose Swivel
CP12LP.75	3/4" Low Perm Hardwall 9" Assembly Hose
CP12LP.75SV	3/4" Low Perm Hardwall 9" Swivel Assembly Hose





1AS Nozzles



CONVENTIONAL FUELING

Pressure activated, automatic shut-off nozzle with polymer handguard for full-service and self-service stations.

- 1AS nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.
- the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Stainless steel reinforced spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.

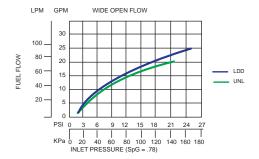
New Unleaded Nozzles with NPT

MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1215904	with Three Notch Hold Open Clip	3.3 (1.4)
12159209	with Three Notch Hold Open Clip and Reduce	er Bushing 3.3 (1.4)

New Light Duty Diesel Nozzles with NPT

MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1215903	with Three Notch Hold Open Clip	3.4 (1.5)
1215961	with Three Notch Hold Open Clip and Waff	le Splash Guard 3.4 (1.5)
12159208	with Three Notch Hold Open Clip and Redu	cer Bushing 3.4 (1.5)
12159208	with Three Notch Hold Open Clip, Waffle S and Drip Less Spout	plash Guard 3.4 (1.5)
E1215903	with Three Notch Hold Open Clip and Mate	Guard 3.4 (1.5

Body	Die cast aluminum body with high impact polymer hand guard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT and BSPP









1AS Nozzles

Pressure activated, automatic shut-off nozzle with polymer handguard for full-service and selfservice stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break [®] - Atex
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003306	1" M x 1" F BSPP Multi-Plane Swivel
003306A	1" M x 1" F BSPP Multi-Plane Swivel - Atex
006949	1" M x 1" F BSPP Multi-Plane High Flow Swivel

Swivel/Safe-T-Break® Combos

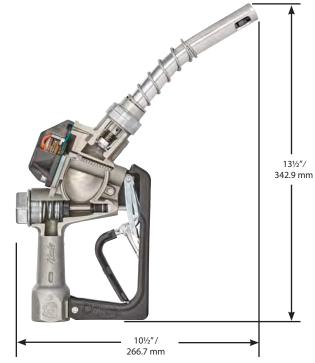
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007089	Nozzle Service Kit
003593	Hold Open Clip Kit
000397	Unleaded Spout Gauge
000385	1" M x ¾" F Reducer Bushing



Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Interal Screen - NPT

Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
001804	Full Grip Reguard
005494	Lever Guard
007295	Mate Handle Guard
000226	Mate Nozzle Guard
006628	POPD [®] Clear Cover
006655	POPD [®] Full Grip Nozzle Guard
007210	POPD [®] Full Grip Nozzle Reguard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008170	POPD [®] H Mate Nozzle Guard
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
008169	POPD [®] S Mate Nozzle Guard
000099	Protection Package
001811	Reguard Protection Package
001808	Waffle Splash Guard



1AS Nozzles



Pressure activated, automatic shut-off nozzle with metal handguard for full-service and self-service stations.

- 1AS nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.
- the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Stainless steel reinforced spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.

New Unleaded Nozzles with NPT

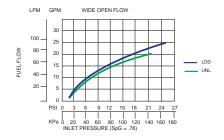
MODEL NO	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1216204	with Three Notch Hold Open Clip	3.3 (1.4)
12162239	with Single Notch Hold Open Clip	3.3 (1.4)

New Light Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1216203	with Three Notch Hold Open Clip	3.4 (1.5)
12162238	with Single Notch Hold Open Clip	3.4 (1.5)

Construction

Body	Die cast aluminum body with metal hand guard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT and BSPP





WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



1AS Nozzles

Pressure activated, automatic shut-off nozzle with metal handguard for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION	
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®	
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®	
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®	
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®	
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®	
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break* - Atex	
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®	

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003306	1" M x 1" F BSPP Multi-Plane Swivel
003306A	1" M x 1" F BSPP Multi-Plane Swivel - Atex
006949	1" M x 1" F BSPP Multi-Plane High Flow Swivel

Swivel/Safe-T-Break® Combos

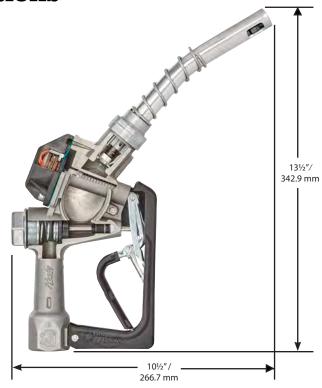
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break [®] - Atex

Spouts

MODEL NO.	DESCRIPTION	
001473	Unleaded Spout without Flo-Stop®	
010434	Unleaded Long Spout without Flo-Stop®	
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®	
010353	Light Duty Diesel Long Spout without Flo-Stop®	

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007089	Nozzle Service Kit
003593	Hold Open Clip Kit
000397	Unleaded Spout Gauge
000385	1" M x ¾" F Reducer Bushing



Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
001804	Full Grip Reguard
005494	Lever Guard
003376	Mate Handle Guard
000226	Mate Nozzle Guard
008180	POPD* EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD* H Clear Cover
008170	POPD* H Mate Nozzle Guard
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Nozzle Guard
000099	Protection Package
001811	Reguard Protection Package
001808	Waffle Splash Guard



1AS CW Nozzles



Pressure activated, automatic shut-off nozzle with metal handguard for full-service and self-service stations.

- 1AS nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.
- the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Contains a poppet disc seal, rated at -40° F/C to prevent fuel leakage from the main seal in extreme cold weather.
- Stainless steel reinforced spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.

- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.

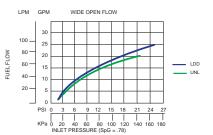
New Unleaded Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1399204	with Three Notch Hold Open Clip	3.3 (1.4)

New Light Duty Diesel Nozzles with NPT

MODEL NO	. DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1399203	with Three Notch Hold Open Clip	3.4 (1.5)

Body	Die cast aluminum body with metal hand guard	
Seals	Fluorocarbon	
Packing	Double o-ring seal protected by fiber reinforced Teflon®	
Lever	One piece contoured steel with hard plastic cover	
Inlet	1" / 25.4 mm NPT and BSPP	







Pressure activated, automatic shut-off nozzle with metal handguard for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION	
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®	
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®	
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®	
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®	
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®	
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break [®] - Atex	
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®	

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003306	1" M x 1" F BSPP Multi-Plane Swivel
003306A	1" M x 1" F BSPP Multi-Plane Swivel - Atex
006949	1" M x 1" F BSPP Multi-Plane High Flow Swivel

Swivel/Safe-T-Break® Combos

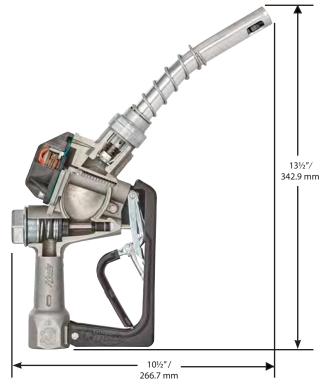
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break [®] - Atex

Spouts

MODEL NO.	DESCRIPTION	
001473	Unleaded Spout without Flo-Stop®	
010434	Unleaded Long Spout without Flo-Stop®	
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®	
010353	Light Duty Diesel Long Spout without Flo-Stop®	

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007089	Nozzle Service Kit
003593	Hold Open Clip Kit
000397	Unleaded Spout Gauge
000385	1" M x ¾" F Reducer Bushing



Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
001804	Full Grip Reguard
005494	Lever Guard
003376	Mate Handle Guard
000226	Mate Nozzle Guard
008180	POPD* EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD* H Clear Cover
008170	POPD* H Mate Nozzle Guard
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Nozzle Guard
000099	Protection Package
001811	Reguard Protection Package
001808	Waffle Splash Guard



LAS CW Nozzles



CONVENTIONAL FUELING

Pressure activated, automatic shut-off nozzle with polymer handguard for full-service and self-service stations.

- 1AS nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- Contains a poppet disc seal, rated at -40° F/C to prevent fuel leakage from the main seal in extreme cold weather.
- Stainless steel reinforced spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.

- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.

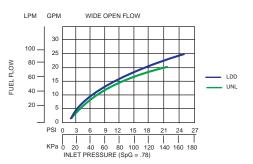
New Unleaded Nozzles with NPT

MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1398904	with Three Notch Hold Open Clip	3.3 (1.4)

New Light Duty Diesel Nozzles with NPT

MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1398903	with Three Notch Hold Open Clip	3.4 (1.5)

Body	Die cast aluminum body with high impact polymer hand guard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT and BSPP







Husky LENERAL FUELING PRODUCTS 1AS CW NOZZLES

Pressure activated, automatic shut-off nozzle with polymer handguard for full-service and selfservice stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003306	1" M x 1" F BSPP Multi-Plane Swivel
003306A	1" M x 1" F BSPP Multi-Plane Swivel - Atex
006949	1" M x 1" F BSPP Multi-Plane High Flow Swivel

Swivel/Safe-T-Break® Combos

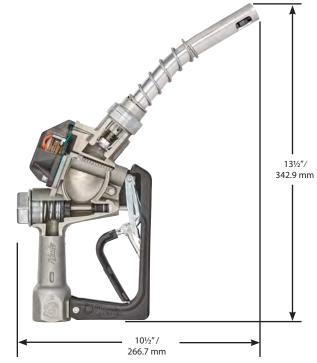
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break*
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007089	Nozzle Service Kit
003593	Hold Open Clip Kit
000397	Unleaded Spout Gauge
000385	1" M x ¾" F Reducer Bushing



Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Interal Screen - NPT

Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
001804	Full Grip Reguard
005494	Lever Guard
007295	Mate Handle Guard
000226	Mate Nozzle Guard
006628	POPD [®] Clear Cover
006655	POPD [®] Full Grip Nozzle Guard
007210	POPD [®] Full Grip Nozzle Reguard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008170	POPD [®] H Mate Nozzle Guard
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
008169	POPD [®] S Mate Nozzle Guard
000099	Protection Package
001811	Reguard Protection Package
001808	Waffle Splash Guard





Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

- XS[®] nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- A reinforced stainless steel spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

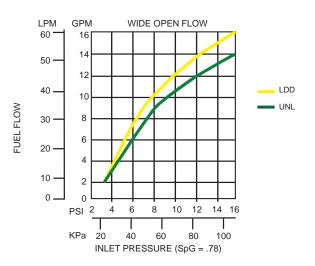
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.

New Light Duty Diesel Nozzles

MODEL NO	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1219360	with Three Notch Hold Open Clip Guard	and Waffle Splash 3.3 (1.4)
1163560	with Two Notch Hold Open Clip, V and EZ Lever	Vaffle Splash Guard 3.3 (1.4)

CONSTRUCTION

Body	Die cast aluminum with polymer handguard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	Polymer lever
Inlet	1" / 25.4 mm NPT









XS[®] MFM PHG Nozzles

Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to
	1" F NPT Reconnectable Safe-T-Break®

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007089	Nozzle Service Kit
003593	Hold Open Clip Kit
000397	Unleaded Spout Gauge
000385	1" M x ¾" F Reducer Bushing



Guards

MODEL NO.	DESCRIPTION
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard





Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

- XS[®] nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- Stainless steel spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.
- 2-piece lever is easier to use:
- requires ½ the force to open nozzle.
 ADA compliant.
- Contains a poppet disc seal, rated at -40° F/C to prevent fuel leakage from the main seal in extreme cold weather.

New Unleaded Nozzles

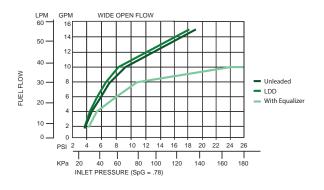
MODEL	DESCRIPTION SH	IIPPING WEIGHT LBS (KG)
1396804	with Two Notch Hold Open Clip	3.1 (1.4)
1396866	without Hold Open Clip, with Waffle Splash	n Guard 3.1 (1.4)
E1396804	with Two Notch Hold Open Clip and Mate G	Guard 3.1 (1.4)

New Light Duty Diesel Nozzles

-	J I I J I I I I I I I I I I	
MODEL	DESCRIPTION SH	IIPPING WEIGHT LBS (KG)
1396803	with Two Notch Hold Open Clip	3.1 (1.4)
1396867	without Hold Open Clip, with Waffle Splash (Guard 3.1 (1.4)
E1396803	with Two Notch Hold Open Clip and Mate Gu	ard 3.1 (1.4)

CONSTRUCTION

Body	Die cast aluminum with polymer handguard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	Two piece polymer lever
Inlet	3/4" / 19 mm NPT







Husky SEREBAL FUELING PRODUCTS
XS[®] EZ Lever CW PHG Nozzles

Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

DESCRIPTION
¾" F x ¾" F NPT Reconnectable Safe-T-Break®
¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
¾" F x ¾" F NPT Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Swivel Anodized Black
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
006310	¾" M NPT Multi-Plane Swivel connected to ¾" F NPT Reconnectable Safe-T-Break*

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop * with StreamShaper *
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
004490	Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
003593	Hold Open Clip Kit
007490	Internal Flo-Equalizer® - 10 gpm / 37.9 Lpm
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Guard
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD® H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard





Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

- XS[®] nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- · Stainless steel spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

- StreamShaper[®] reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.
- · Contains a poppet disc seal, rated at -40° F/C to prevent fuel leakage from the main seal in extreme cold weather

New Unleaded Nozzles

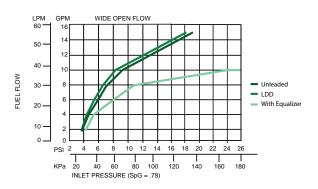
MODEL DESCRIPTION SHIPPING WEIGHT LBS (K		LBS (KG)	
1456959	with Three Notch Hold Open Clip and Waffle S	plash Guard	3.1 (1.4)
1456966	without Hold Open Clip, With Waffle Splash Gu	Jard	3.1 (1.4)

New Light Duty Diesel Nozzles

MODEL DESCRIPTION SHIPPING WEIGHT LBS (K		TLBS (KG)	
1456961	with Three Notch Hold Open Clip and Waffle Spla	ash Guard	3.1 (1.4)
1456967	without Hold Open Clip, With Waffle Splash Guar	rd	3.1 (1.4)

Construction

_	
Body	Die cast aluminum with polymer handguard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	Polymer lever, one piece
Inlet	3/4" / 19.1 mm NPT





Rev 0 3/19



Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003360	¾" F x ¾" F NPT Reconnectable Safe-T-Break®
002273	¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
006130	¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
005230	¾" F x ¾" F NPT Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Swivel Anodized Black
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
006310	¾" M NPT Multi-Plane Swivel connected to ¾" F NPT Reconnectable Safe-T-Break [®]

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

004490 Conventional Flo-Equalizer* - 10 gpm / 37.9 Lpm 003593 Hold Open Clip Kit 007490 Internal Flo-Equalizer* - 10 gpm / 37.9 Lpm 007089 Nozzle Service Kit 000397 Unleaded Spout Gauge	MODEL NO.	DESCRIPTION
007490 Internal Flo-Equalizer® - 10 gpm / 37.9 Lpm 007089 Nozzle Service Kit	004490	Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
007089 Nozzle Service Kit	003593	Hold Open Clip Kit
	007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
000397 Unleaded Spout Gauge	007089	Nozzle Service Kit
	000397	Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Guard
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD® H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard





Automatic shut-off nozzle for full-service and self-service stations.

- X nozzle shuts off when: — the gas tank is full.
- Stainless steel spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.

 Comes standard with mate guard.

- Wayne Polymer Handguard:
- high-strength polymer handguard designed to specifically fit Wayne dispensers.
 optional magnet can be
- fitted into the handguard to trigger the dispenser's proximity switch.

New Unleaded Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
E1503004N	with Three Notch Hold Open Clip and Magnetic Hand Guard 3.0 (1.4)	
		^ NOT LISTED

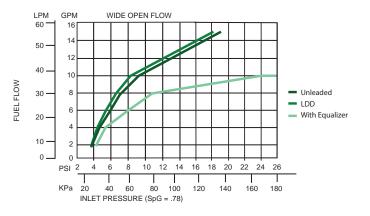
New Light Duty Diesel Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
E1503003N	with Three Notch Hold Open Clip Magnetic Hand Guard	and 3.0 (1.4)
		^ NOT LISTED

Construction

Body	Die cast aluminum with polymer handguard	
Seals	Fluorocarbon	
Packing	Double o-ring seal protected by fiber reinforced Teflon®	
Lever	Single-piece polymer	
Inlet	¾″ / 19 mm NPT	





WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Rev 0 11/19

CONVENTIONAL FUELING

CONVENTIONAL FUELING



X WPHG PHG Nozzles

Automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION	
003360	¾" F x ¾" F NPT Reconnectable Safe-T-Break®	
002273	¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®	
006130	3/4" F x 3/4" F NPT Non-Reconnectable PCC Safe-T-Break®	
005230	¾" F x ¾" F NPT Low Pull Reconnectable Safe-T-Break®	
008330	3/4" F x 3/4" F NPT Reconnectable MAGBREAK®	

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Swivel Anodized Black
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
006310	34" M NPT Multi-Plane Swivel connected to 34" F NPT Reconnectable Safe-T-Break®

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop* with StreamShaper*

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
004490	Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
003593	Hold Open Clip Kit
007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
007089	Nozzle Service Kit



Guards

MODEL NO.	DESCRIPTION
007361	Black Handle Guard
014524	Mate Easy-On Package
014530	Mate Guard
007999	POPD [®] H Clear Cover
015253	POPD [®] H Mate Guard With Clear Cover
001808	Waffle Splash Guard
015247	POPD [®] H Mate Guard Without Clear Cover



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Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

- XS[®] nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- Stainless steel spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- 2-piece lever is easier to use:
- requires ½ the force to open nozzle.
- ADA compliant.

New Unleaded Nozzles

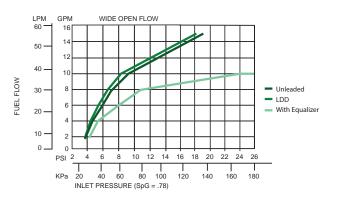
MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
11635248	with Two Notch Hold Open Clip, Veg.	Splash Guard, Drip Less Spout
	and Mate Guard	3.1 (1.4)
		^NOT LISTED

New Light Duty Diesel Nozzles

MODEL	DESCRIPTION	Shipping weight LBS (KG)
11635249	with Two Notch Hold Open Clip	, Veg. Splash Guard, Drip Less Spout
	and Mate Guard	3.1 (1.4)
		^NOT LISTED

CONSTRUCTION

Body	Die cast aluminum with polymer handguard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	Polymer lever
Inlet	3/4" / 19 mm NPT







CONVENTIONAL FUELING

Husky XS[®] Bellows Splash Guard Nozzles

Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

DESCRIPTION
¾" F x ¾" F NPT Reconnectable Safe-T-Break®
¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
¾" F x ¾" F NPT Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	3/4" M x 3/4" F NPT Multi-Plane Swivel Anodized Black
002272	34" M x 34" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	3/4" M x 3/4" F NPT Multi-Plane Restricted Swivel

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
006310	34" M NPT Multi-Plane Swivel connected to 34" F NPT Reconnectable Safe-T-Break®

Spouts

MODEL NO.	DESCRIPTION	
001473	Unleaded Spout without Flo-Stop®	
010434	Unleaded Long Spout without Flo-Stop®	
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®	
010353	Light Duty Diesel Long Spout without Flo-Stop®	

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

DESCRIPTION
Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
Hold Open Clip Kit
Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
Nozzle Service Kit
Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Guard
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard



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Automatic shut-off nozzle for full-service and self-service stations.

- XS[®] nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- A reinforced stainless steel spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

- Sightglass on nozzle allows customer to see fuel flow through nozzle.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.
- 2-piece lever is easier to use:

 requires ½ the force to open nozzle.

- ADA compliant.

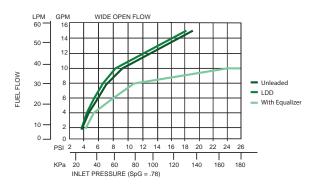
New Unleaded Nozzles

MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
E11635273	with Two Notch Hold Open Clip	3.1 (1.4)
New Li	ght Duty Diesel Nozzles	^NOT LISTED
MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
	DESCRIPTION with Two Notch Hold Open Clip	SHIPPING WEIGHT LBS (KG) 3.1 (1.4)

CONSTRUCTION

Body Die	cast aluminum with polymer handquard
SealsFluo	
Packing	Double o-ring seal protected by fiber reinforced Teflon®
LeverPoly	mer lever
Inlet 3/4'	/ 19 mm BSP







CONVENTIONAL FUELING



Automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003385	3/4" F x 3/4" F BSPP Reconnectable Safe-T-Break®
003385A	¾" F x ¾" F BSPP Reconnectable Safe-T-Break® - Atex
002774	¾" F x ¾" F BSPP Non-Reconnectable Safe-T-Break®
002774A	$3\!$

Swivels

MODEL NO.	DESCRIPTION
003590	¾" M x ¾" F BSPP Multi-Plane Swivel
003590A	¾" M x ¾" F BSPP Multi-Plane Swivel - Atex
003590W	3/4" M x 3/4" F BSPP Multi-Plane Swivel with Warm Weather Seals
002771	¾" M x ¾" F BSPP 90° Pump Swivel
002771A	¾" M x ¾" F BSPP 90° Pump Swivel - Atex

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
007085	3/4" M BSPP Multi-Plane Swivel connected to
	¾" F BSPP Reconnectable Safe-T-Break®

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION	
004490	Conventional Flo-Equalizer [®] - 10 gpm / 37.9 Lpm	
003593	Hold Open Clip Kit	
007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm	
007089	Nozzle Service Kit	
000397	Unleaded Spout Gauge	



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Guard
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
008166	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard



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Farm & Commercial Nozzles



1GS Nozzles



Automatic shut-off nozzle with metal handguard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

- 1GS nozzle shuts off when the gas tank is full.
- Heavy duty, long lasting metal handguard.
- Nozzle is equipped with unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- metal handguard.
- Not legal for retail dispensing applications.

Unleaded Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	LBS (KG)
696204N^	with Three Notch Hold Open Clip	o and Hook	3.6 (1.6)
696208	without Hold Open Clip with Hoo	ok	3.6 (1.6)
6962209N^	with Three Notch Hold Open Clip	o, Hook, and Reducer	
	Bushing		3.6 (1.6)
		^	NOT LISTED

Unleaded Nozzles with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
696216N^	with Three Notch Hold O	pen Clip and Hook 3.6 (1.6)
		^ NOT LISTED

Light Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
696203N^	with Three Notch Hold C	pen Clip and Hook 3.6 (1.6)
696207	without Hold Open Clip	with Hook 3.6 (1.6)
6962208N^	with Three Notch Hold C	pen Clip, Hook and Reducer
	Bushing	3.6 (1.6)
		^ NOT LISTED

Light Duty Diesel Nozzles with BSPP

MODEL NO.	DESCRIPTION	Shipping Wi	EIGHT LBS (KG)
696215N^	with Three Notch Hold Open	Clip and Hook	3.6 (1.6)
			^ NOT LISTED

Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIG	HT LBS (KG)
696210N^	with Three Notch Hold Ope	en Clip and Hook	3.6 (1.6)

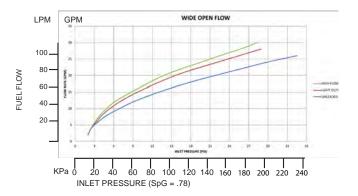
^ NOT LISTED

Heavy Duty Diesel Nozzles with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	r lbs (KG)
696238N^	with Three Notch Hold Open Clip	and Hook	3.6 (1.6)
		^	NOT LISTED

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT & BSPP













Automatic shut-off nozzle with metal handguard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION	
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®	
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®	
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®	
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®	
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®	
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex	
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®	

Swivels

MODEL NO.	DESCRIPTION	
000087	1" M x 1" F NPT Multi-Plane Swivel	
000095	1" M x 1" F NPT 70° Pump Swivel	
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel	
000352	1" M x ¾" F NPT Multi-Plane Swivel	
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black	
003306	1" M x 1" F BSPP Multi-Plane Swivel	
003306A	1" M x 1" F BSPP Multi-Plane Swivel - Atex	

Swivel•Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION	
005969	1" M NPTF Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®	
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®	
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex	

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®
005215	Heavy Duty Diesel Spout with Flo-Stop®

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION	
007089	Nozzle Service Kit	
003593	Hold Open Clip Kit	
000385	1" M x ¾" F Reducer Bushing - NPT Threads	
001717	1" M x ¾" F Reducer Bushing - BSPP Threads	
000397	Unleaded Spout Gauge	
000548	Hanging Hook for Unleaded and Light Duty Diesel Nozzles	



Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
001804	Full Grip Reguard
005494	Lever Guard
000226	Mate Guard
007376	Mate Handle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008170	POPD [®] H Mate Guard
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Guard

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	



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1GS Nozzles



Automatic shut-off nozzle with polymer handguard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

- 1GS nozzle shuts off when the gas tank is full.
- Nozzle is equipped with unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Not for use with gravity tanks.



New Unleaded Nozzles with NPT

MODEL NO	. DESCRIPTION	SHIPPING WEIGHT LBS (KG)
045704N^	with Three Notch Hold Open Clip and He	ook 3.6 (1.6)
045708	without Hold Open Clip and Hook	3.6 (1.6)
0457209N^	457209N [^] with Three Notch Hold Open Clip, Hook and Reducer Bushing 3.6 (1.6)	
		^ NOT LISTED

New Unleaded Nozzles with BSPP

MODEL NO	. DESCRIPTION	SHIPPING WEIGHT LBS (KG)
045716N^	with Three Notch Hold Open Clip and Ho	ook 3.6 (1.6)
045720 without Hold Open Clip with Hook		3.6 (1.6)
		^ NOT LISTED

New Light Duty Diesel Nozzles with NPT

MODEL NO	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
045703N^	with Three Notch Hold Open Clip and H	łook 3.6 (1.6)
045707	without Hold Open Clip with Hook	3.6 (1.6)
0457208N^	with Three Notch Hold Open Clip, Hook and Reducer Bushing 3.6 (1.6)	
		^ NOT LISTED

New Light Duty Diesel Nozzles with BSPP

MODEL NO. DESCRIPTION SH		SHIPPING WEIGHT LBS (KG)
045715N^	with Three Notch Hold Open Clip and Ho	ok 3.6 (1.6)
045719	without Hold Open Clip with Hook	3.6 (1.6)
		^ NOT LISTED

New Heavy Duty Diesel Nozzles with NPT

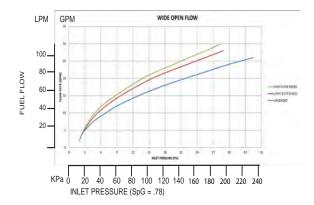
MODEL NO	. DESCRIPTION	SHIPPING WEIGHT LBS (KG)
045709N^	with Three Notch Hold Open Clip and	Hook without Flo-Stop® 3.6 (1.6)
045710N^	with Three Notch Hold Open Clip and	Hook 3.6 (1.6)
045712	without Hold Open Clip, with Hook	3.6 (1.6)
		^ NOT LISTED

New Heavy Duty Diesel Nozzles with BSPP

MODEL NO. DESCRIPTION		SHIPPING WEIGHT LBS (KG)
045738N^	with Three Notch Hold Open Clip and Ho	ok 3.6 (1.6)
		^ NOT LISTED

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT









1GS Nozzles

Automatic shut-off nozzle with polymer handguard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003306	1" M x 1" F BSPP Multi-Plane Swivel
003306A	1" M x 1" F BSPP Multi-Plane Swivel - Atex

Swivel•Safe-T-Break® Combos

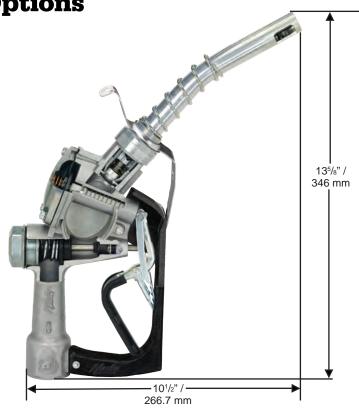
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break*
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break" - Atex

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®
005215	Heavy Duty Diesel Spout with Flo-Stop®

Accessories, Testing and Maintenance

DESCRIPTION
1" M x ¾" F Reducer Bushing - NPT threads
1" M x ¾" F Reducer Bushing - BSPP threads
Hanging Hook for Unleaded and Light Duty Diesel Nozzles
Hold Open Clip Kit
Nozzle Service Kit
Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
001804	Full Grip Reguard
005494	Lever Guard
000226	Mate Guard
007376	Mate Handle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008170	POPD [®] H Mate Guard
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Guard

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT



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1GS Rebuilt Nozzles



Automatic shut-off nozzle with polymer handguard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

- 1GS nozzle shuts off when the gas tank is full.
- Not for use with gravity tanks.
- Nozzle is equipped with unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- tanks.

 Not legal for retail
- dispensing applications.

Rebuilt Unleaded Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGH	T LBS (KG)
078604N^	with Three Notch Hold Open Clip	and Hook	3.6 (1.6)
0786209N^	with Three Notch Hold Open Clip	, Hook and Reducer	
	Bushing		3.6 (1.6)
		^	NOT LISTED

Rebuilt Light Duty Diesel Nozzles

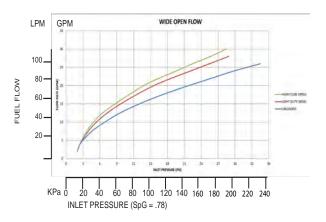
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	LBS (KG)
078603N^	with Three Notch Hold Open Clip	and Hook	3.6 (1.6)
0786208N^	with Three Notch Hold Open Clip	, Hook and Reducer	
	Bushing		3.6 (1.6)
		٨	NOT LISTED

Rebuilt Heavy Duty Diesel Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KO	G)
078610N^	with Three Notch Hold Op	en Clip and Hook 3.6 (1.	6)
		^ NOT LISTE	ED

CONSTRUCTION

Die cast aluminum body with black hand guard	
Fluorocarbon	
Double o-ring seal protected by fiber reinforced Teflon®	
One piece contoured steel with hard plastic cover	
1″ / 25.4 mm NPT	







Automatic shut-off nozzle with polymer handguard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black

Swivel•Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®

Spouts

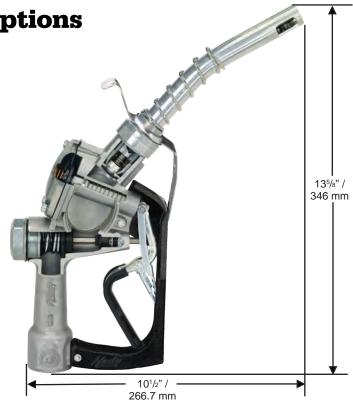
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®
005215	Heavy Duty Diesel Spout with Flo-Stop®

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION	
000385	1" M x ¾" F Reducer Bushing - NPT threads	
000548	Hanging Hook for Unleaded and Light Duty Diesel Nozzles	
003593	Hold Open Clip Kit	
007089	Nozzle Service Kit	
000397	Unleaded Spout Gauge	



Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
001804	Full Grip Reguard
005494	Lever Guard
000226	Mate Guard
007376	Mate Handle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008170	POPD [®] H Mate Guard
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Guard



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XFS Nozzles



Automatic shut-off nozzle for farm, 12V skid tanks and consumer pump applications.

- Strong, improved flow up to 18 gpm / 68.1 Lpm.
- Dispenses 10 gpm / 37.8 Lpm at only 5.6 psi / 0.38 bar (unleaded nozzle).
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or is raised above horizontal.
- Unleaded nozzle includes StreamShaper® to reduce turbulence for straighter fuel flow and less splash back spillage.

- Has built-in hook and fits "holster lock" of skid tank pumps.
- Not for use with gravity tanks.
- Not legal for retail dispensing applications.

New Unleaded Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
337004N^	with Hold Open Clip and Hook	3.0 (1.3)
337008	without Hold Open Clip and Hook	3.0 (1.3)
503404N^	with Hold Open Clip without Hook	x 3.0 (1.3)
		^ NOT LISTED

New Unleaded Nozzles with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
337016N^	with Hold Open Clip and Hook	3.0 (1.3)
503416N^	with Hold Open Clip, without Hook	k 2.9 (1.3)
		^ NOT LISTED

New Light Duty Diesel Nozzles with NPT

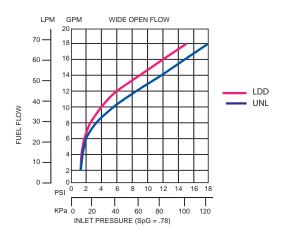
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
337003N^	with Hold Open Clip and Hook	3.2 (1.4)
337007	without Hold Open Clip and Hook	3.2 (1.4)
503403N^	with Hold Open Clip without Hook	3.6 (1.6)
		^ NOT LISTED

New Light Duty Diesel Nozzles with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
337015N^	with Hold Open Clip and Hook	2.9 (1.3)
503415N^	with Hold Open Clip without Hook	2.9 (1.3)
		^ NOT LISTED

Construction

Aluminum	
eals Fluorocarbon	
Double o-ring seal protected by fiber reinforced Teflon®	
One piece contoured steel with hard plastic cover	
¾" / 19 mm NPT & BSPP	









XFS Nozz

Automatic shut-off nozzle for farm, 12V skid tanks and consumer pump applications.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION	
003360	34" F x 34" F NPT Reconnectable Safe-T-Break®	
002273	¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®	
006130	¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®	
005230	¾" F x ¾" F NPT Low Pull Reconnectable Safe-T-Break®	
003385	¾" F x ¾" F BSPP Reconnectable Safe-T-Break®	
003385A	¾" F x ¾" F BSPP Reconnectable Safe-T-Break® - Atex	
002774	¾" F x ¾" F BSPP Non-Reconnectable Safe-T-Break®	
002774A	34" F x 34" F BSPP Non-Reconnectable Safe-T-Break® - Atex	

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003895	¾" M x ¾" F NPT Inline Swivel
002272	¾" M x ¾" F NPT 90° Pump Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel
003590	3/4" M x 3/4" F BSPP Multi-Plane Swivel
003590A	¾" M x ¾" F BSPP Multi-Plane Swivel - Atex
002771	¾" M x ¾" F BSPP 90° Pump Swivel

Swivel•Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
006310	¾" M NPT Multi-Plane Swivel connected to ¾" F NPT Reconnectable Safe-T-Break®
007085	¾" M BSPP Multi-Plane Swivel connected to ¾" F BSPP Reconnectable Safe-T-Break®
007085A	¾" M BSPP Multi-Plane Swivel connected to ¾" F BSPP Reconnectable Safe-T-Break [®] - Atex

Spouts

MODEL NO.	DESCRIPTION
003356	Unleaded Spout with Hanging Hook without Flo-Stop®
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
003358	Light Duty Diesel with Hanging Hook without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Cover
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD® EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008166	POPD® H Mate Guard
008185	POPD [®] H Full Grip Guard
008192	POPD® H Full Grip Reguard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard



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1GS CW Nozzles



Automatic shut-off nozzle with polymer handguard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

- 1GS nozzle shuts off when the gas tank is full.
- Not legal for retail dispensing applications.
- Nozzle is equipped with unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- dispensing applicationsContains a poppet disc
- seal, rated at -40° F/C to prevent fuel leakage from the main seal in extreme cold weather.
- Not for use with gravity tanks.



New Unleaded Nozzles with NPT

MODEL NO	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1096203N^	with Three Notch Hold Open Clip and Ho	ook 3.6 (1.6)
		^ NOT LISTED

New Light Duty Diesel Nozzles with NPT

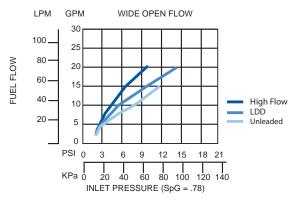
MODEL NO. DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1096204N [^] with Three Notch Hold Open Clip	and Hook 3.6 (1.6)
	^ NOT LISTED

New Heavy Duty Diesel Nozzles with NPT

MODEL NO	DESCRIPTION S	HIPPING WEIGHT LBS (KG)
1096210N^	with Three Notch Hold Open Clip and Hook	3.6 (1.6)
		^ NOT LISTED

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	1″ / 25.4 mm NPT









1GS CW Nozzles

Automatic shut-off nozzle with polymer handguard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION	
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®	
005812	" F x 1" F NPT Non-Reconnectable Safe-T-Break®	
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®	
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®	
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®	
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break* - Atex	
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®	

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPF Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003306	1" M x 1" F BSPP Multi-Plane Swivel
003306A	1" M x 1" F BSPP Multi-Plane Swivel - Atex

Swivel•Safe-T-Break® Combos

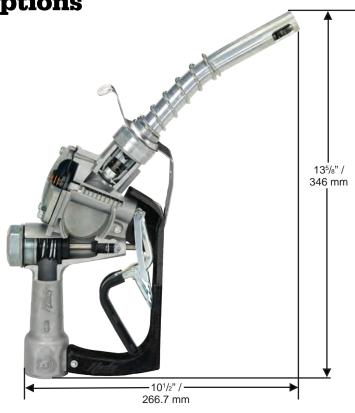
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®
005215	Heavy Duty Diesel Spout with Flo-Stop®

Accessories, Testing and Maintenance

001717 1" M x ¾" F Reducer Bushing - BSPP Threads 000385 1" M x ¾" F Reducer Bushing - NPT Threads 000548 Hanging Hook for Unleaded and Light Duty Diesel Nozzles 003593 Hold Open Clip Kit 0007089 Nozzle Service Kit 000397 Unleaded Spout Gauge	MODEL NO.	DESCRIPTION
000548 Hanging Hook for Unleaded and Light Duty Diesel Nozzles 003593 Hold Open Clip Kit 007089 Nozzle Service Kit	001717	1" M x ¾" F Reducer Bushing - BSPP Threads
003593 Hold Open Clip Kit 007089 Nozzle Service Kit	000385	1" M x ¾" F Reducer Bushing - NPT Threads
007089 Nozzle Service Kit	000548	Hanging Hook for Unleaded and Light Duty Diesel Nozzles
	003593	Hold Open Clip Kit
000397 Unleaded Spout Gauge	007089	Nozzle Service Kit
	000397	Unleaded Spout Gauge



Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
001804	Full Grip Reguard
005494	Lever Guard
000226	Mate Guard
007376	Mate Handle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008170	POPD [®] H Mate Guard
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD® S Mate Guard



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Automatic shut-off nozzle for farm, 12V skid tanks and consumer pump applications.

- Strong, improved flow up to 18 gpm / 68.1 Lpm.
- Dispenses 10 gpm / 37.8 Lpm at only 5.6 psi / 0.38 bar (unleaded nozzle).
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or is raised above horizontal.
- Unleaded nozzle includes StreamShaper[®] to reduce turbulence for straighter fuel flow and less splash back spillage.

- Has built-in hook and fits "holster lock" of skid tank pumps.
- Not for use with gravity tanks.
- Not legal for retail dispensing applications.

M

Rebuilt Unleaded Nozzles with NPT

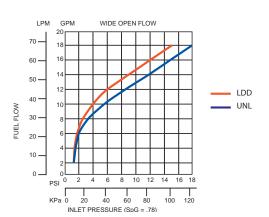
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
504304N^	with Hold Open Clip and Hook	3.1 (1.4)
503604N^	with Hold Open Clip without Hook	3.1 (1.4)
		^ NOT LISTED

Rebuilt Light Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
504303N^	with Hold Open Clip and Hook	3.2 (1.4)
503603N^	with Hold Open Clip without Hook	3.2 (1.4)
		^ NOT LISTED

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	¾" / 19 mm NPT









Automatic shut-off nozzle for farm, 12V skid tanks and consumer pump applications.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003360	¾" F x ¾" F NPT Reconnectable Safe-T-Break®
002273	¾" F x ¾" F NPT Non-Reconnectable Safe-T-Break®
006130	¾" F x ¾" F NPT Non-Reconnectable PCC Safe-T-Break®
005230	¾" F x ¾" F NPT Low Pull Reconnectable Safe-T-Break®
003385	¾" F x ¾" F BSPP Reconnectable Safe-T-Break®
003385A	¾" F x ¾" F BSPP Reconnectable Safe-T-Break® - Atex
002774	¾" F x ¾" F BSPP Non-Reconnectable Safe-T-Break®
002774A	¾" F x ¾" F BSPP Non-Reconnectable Safe-T-Break® - Atex

Swivels

MODEL NO.	DESCRIPTION
000350	¾" M x ¾" F NPT Multi-Plane Swivel
000355	¾" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003895	¾" M x ¾" F NPT Inline Swivel
002272	¾" M x ¾" F NPT 90° Pump Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel
003590	¾" M x ¾" F BSPP Multi-Plane Swivel
003590A	¾" M x ¾" F BSPP Multi-Plane Swivel - Atex
002771	¾" M x ¾" F BSPP 90° Pump Swivel
002771A	¾" M x ¾" F BSPP 90° Pump Swivel - Atex

Swivel•Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
006310	 ¾" M NPT Multi-Plane Swivel connected to ¾" F NPT Reconnectable Safe-T-Break*
007085	¾" M BSPP Multi-Plane Swivel connected to ¾" F BSPP Reconnectable Safe-T-Break®
007085A	¾ " M BSPP Multi-Plane Swivel connected to ¾ " F BSPP Reconnectable Safe-T-Break® - Atex

Spouts

MODEL NO.	DESCRIPTION
003356	Unleaded Spout with Hanging Hook without Flo-Stop®
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
003358	Light Duty Diesel with Hanging Hook without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Cover
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD [®] EZH Nozzle Guard
008175	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008166	POPD [®] H Mate Guard
008185	POPD [®] H Full Grip Guard
008192	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006665	POPD [®] S Full Grip Guard
007205	POPD [®] S Full Grip Reguard
008165	POPD [®] S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard



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1GS Rebuilt Nozzles



Automatic shut-off nozzle with metal handguard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

- 1GS nozzle shuts off when the gas tank is full.
- Heavy duty, long lasting metal handguard.
- Nozzle is equipped with unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- metal handguard.
- Not legal for retail dispensing applications.
- Not for use with gravity tanks.



Rebuilt Unleaded Nozzles with NPT

MODEL NO.	DESCRIPTION S	HIPPING WEIGHT	LBS (KG)
696504N^	with Three Notch Hold Open Clip, a	nd Hook	3.6 (1.6)
696508	without Hold Open Clip, with Hook		3.6 (1.6)
696559N^	with Three Notch Hold Open Clip, H	ook and Reducer	
	Bushing		3.6 (1.6)

^ NOT LISTED

Rebuilt Light Duty Diesel Nozzles with NPT

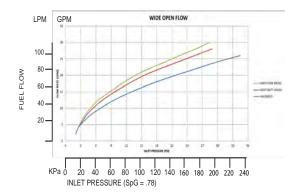
	<u> </u>	
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
696503N^	with Three Notch Hold	Open Clip and Hook 3.6 (1.6)
696507	without Hold Open Cli	p with Hook 3.6 (1.6)
6965208N^	with Three Notch Hold	Open Clip, Hook and Reducer
	Bushing	3.6 (1.6)
		^ NOT LISTED

Rebuilt Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WI	EIGHT LBS (KG)
696510N^	with Three Notch Hold Open Clip	p and Hook	3.6 (1.6)
			^ NOT LISTED

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT & BSPP







Automatic shut-off nozzle with metal handguard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003306	1" M x 1" F BSPP Multi-Plane Swivel
003306A	1" M x 1" F BSPP Multi-Plane Swivel - Atex

Swivel•Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®
005215	Heavy Duty Diesel Spout with Flo-Stop®

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
000385	1" M x ¾" F Reducer Bushing - NPT threads
001717	1" M x ¾" F Reducer Bushing - BSPP threads
000548	Hanging Hook for Unleaded and Light Duty Diesel Nozzles
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Guards

DESCRIPTION
Full Grip Guard
Full Grip Reguard
Lever Guard
Mate Guard
Mate Handle Guard
POPD [®] EZH Nozzle Guard
POPD [®] EZS Nozzle Guard
POPD [®] H Clear Cover
POPD [®] H Mate Guard
POPD [®] H Full Grip Guard
POPD [®] H Full Grip Reguard
POPD [®] S Clear Cover
POPD [®] S Full Grip Guard
POPD [®] S Full Grip Reguard
POPD [®] S Mate Guard
POPD [®] S Mate Guard

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT



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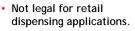


NO7



Pressure activated, automatic shut-off nozzle with polymer handquard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

- 1GSS nozzle shuts off when:
- the pump shuts off.
- the gas tank is full. - the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Nozzle is equipped with unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Not for use with gravity tanks.



- Stainless steel reinforced spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- StreamShaper[®] reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with • smooth full grip guard.

New Unleaded Nozzles with NPT

MODEL NO. DESCRIPTION		SHIPPING WEIGHT LBS (KG)	
1216504	with Three Notch Hold Open Cl	p and Hook 3.6 (1.6)	

New Light Duty Diesel Nozzles with NPT

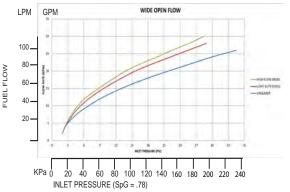
MODEL NO. DESCRIPTION		SHIPPING WEIGHT LBS (KG)	
1216503	with Three Notch Hold Open Cl	p and Hook 3.6 (1.6)	

New Heavy Duty Diesel Nozzles with NPT

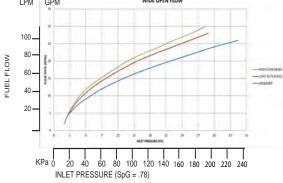
MODEL NO	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1216510	with Three Notch Hold Open Clip	and Hook without Flo-Stop [®] 3.6 (1.6)

Construction

Body	Die cast aluminum body with high impact polymer hand guard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT











1GSS Nozzles

Pressure activated, automatic shut-off nozzle with polymer handguard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

Dimensions and System Options

Safe-T-Breaks®

DESCRIPTION
1" F x 1" F NPT Reconnectable Safe-T-Break®
1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®
1" F x 1" F BSPP Reconnectable Safe-T-Break®
1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex
1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003306	1" M x 1" F BSPP Multi-Plane Swivel
003306A	1" M x 1" F BSPP Multi-Plane Swivel - Atex

Swivel•Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®
005215	Heavy Duty Diesel Spout with Flo-Stop®

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
000385	1" M x ¾" F Reducer Bushing - NPT threads
001717	1" M x ¾" F Reducer Bushing - BSPP threads
000548	Hanging Hook for Unleaded and Light Duty Diesel Nozzles
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
001804	Full Grip Reguard
005494	Lever Guard
000226	Mate Guard
007376	Mate Handle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008170	POPD [®] H Mate Guard
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Guard

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT



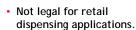
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1GSS Nozzles



Pressure activated, automatic shut-off nozzle with metal handguard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

- 1GSS nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.
 the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Nozzle is equipped with unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Not for use with gravity tanks.



- Stainless steel spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.

Unleaded Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEI	GHT LBS (KG)
1216804	with Three Notch Hold Open	Clip and Hook	3.6 (1.6)

Light Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEI	GHT LBS (KG)
1216803	with Three Notch Hold Open	Clip and Hook	3.6 (1.6)

Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WE	IGHT LBS (KG)
1216810	with Three Notch Hold Open Cli	ip and Hook	3.6 (1.6)

Construction

Body	Die cast aluminum body with metal hand guard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT & BSPP











1GSS Nozzles

Pressure activated, automatic shut-off nozzle with metal handguard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break* - Atex
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003306	1" M x 1" F BSPP Multi-Plane Swivel
003306A	1" M x 1" F BSPP Multi-Plane Swivel - Atex

Swivel•Safe-T-Break[®] Combos

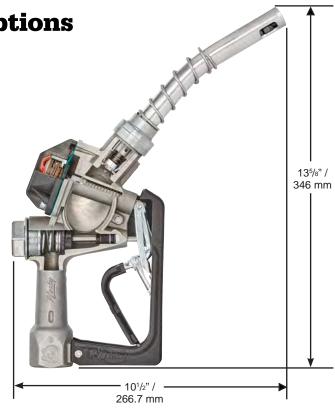
MODEL NO.	DESCRIPTION
005969	1" M NPTF Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break*
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break*
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break* - Atex

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®
005215	Heavy Duty Diesel Spout with Flo-Stop®

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007089	Nozzle Service Kit
003593	Hold Open Clip Kit
000385	1" M x ¾" F Reducer Bushing - NPT Threads
001717	1" M x ¾" F Reducer Bushing - BSPP Threads
000397	Unleaded Spout Gauge
000548	Hanging Hook for Unleaded and Light Duty Diesel Nozzles



Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
001804	Full Grip Reguard
005494	Lever Guard
000226	Mate Guard
007376	Mate Handle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008170	POPD [®] H Mate Guard
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Guard

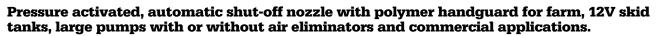
Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT



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1GSS CW Nozzles



- 1GSS nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.
 the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Contains a poppet disc seal, rated at -40° F/C to prevent fuel leakage from the main seal in extreme cold weather.
- Nozzle is equipped with unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

- Not for use with gravity tanks.
- Not legal for retail dispensing applications.
- Stainless steel reinforced spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.

New Unleaded Nozzles with NPT

MODEL NO. DESCRIPTION		SHIPPING WEIGHT LBS (KG)	
1399504 with Three Notch Hold Open Clip and Ho		and Hook	3.6 (1.6)

GENERAL FUELING PRODUCTS

New Light Duty Diesel Nozzles with NPT

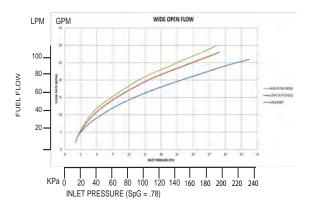
MODEL NO. DESCRIPTION		SHIPPING WEIGHT LBS (KG)
1399503 with Three Notch Hold Open Clip and Ho		p and Hook 3.6 (1.6)

New Heavy Duty Diesel Nozzles with NPT

MODEL NO. DESCRIPTION		SHIPPING WEIGHT LBS (KG)
1399510	with Three Notch Hold Open Clip	and Hook without Flo-Stop [®] 3.6 (1.6)

Construction

Body	Die cast aluminum body with high impact polymer hand guard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT





FARM AND COMMERCIAL FUELING

Husky General fueling products 1GSS CW Nozzles

Pressure activated, automatic shut-off nozzle with polymer handguard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003306	1" M x 1" F BSPP Multi-Plane Swivel
003306A	1" M x 1" F BSPP Multi-Plane Swivel - Atex

Swivel•Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break* - Atex

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®
005215	Heavy Duty Diesel Spout with Flo-Stop®

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
000385	1" M x ¾" F Reducer Bushing - NPT threads
001717	1" M x ¾" F Reducer Bushing - BSPP threads
000548	Hanging Hook for Unleaded and Light Duty Diesel Nozzles
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge



Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
001804	Full Grip Reguard
005494	Lever Guard
000226	Mate Guard
007376	Mate Handle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008170	POPD [®] H Mate Guard
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Guard

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT



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Rev 3 11/19

1GSS CW Nozzles

Pressure activated, automatic shut-off nozzle with metal handguard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

- 1GSS nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.
 the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Contains a poppet disc seal, rated at -40° F/C to prevent fuel leakage from the main seal in extreme cold weather.
- Nozzle is equipped with unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Not for use with gravity tanks.

- Not legal for retail dispensing applications.
- Stainless steel spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Comes standard with smooth full grip guard.

Unleaded Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGH	IT LBS (KG)
1399704	with Three Notch Hold Ope	n Clip and Hook	3.6 (1.6)

GENERAL FUELING PRODUCTS

Light Duty Diesel Nozzles with NPT

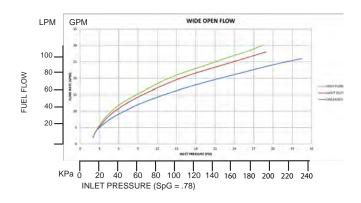
MODEL NO.	DESCRIPTION	SHIPPING WE	IGHT LBS (KG)
1399703	with Three Notch Hold Open CI	ip and Hook	3.6 (1.6)

Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WE	IGHT LBS (KG)
1399710	with Three Notch Hold Open Clip	and Hook	3.6 (1.6)

Construction

Body	Die cast aluminum body with metal hand guard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT & BSPP



FARM AND COMMERCIAL FUELING

1GSS CW Nozz GENERAL FUELING PRODUCTS

Pressure activated, automatic shut-off nozzle with metal handguard for farm, 12V skid tanks, large pumps with or without air eliminators and commercial applications.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION	
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®	
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®	
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®	
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®	
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®	
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex	
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®	

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F NPT Multi-Plane Swivel
000095	1" M x 1" F NPT 70° Pump Swivel
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel
000352	1" M x ¾" F NPT Multi-Plane Swivel
000356	1" M x ¾" F NPT Multi-Plane Swivel Anodized Black
003306	1" M x 1" F BSPP Multi-Plane Swivel
003306A	1" M x 1" F BSPP Multi-Plane Swivel - Atex

Swivel•Safe-T-Break[®] Combos

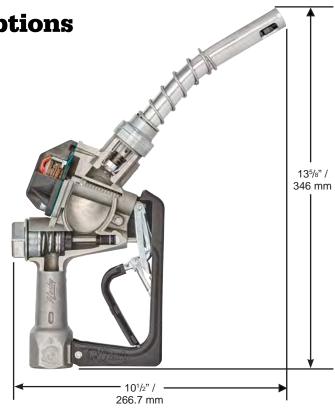
MODEL NO.	DESCRIPTION	
005969	1" M NPTF Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®	
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break*	
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break* - Atex	

Spouts

MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®
005215	Heavy Duty Diesel Spout with Flo-Stop®

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007089	Nozzle Service Kit
003593	Hold Open Clip Kit
000385	1" M x ¾" F Reducer Bushing - NPT Threads
001717	1" M x ¾" F Reducer Bushing - BSPP Threads
000397	Unleaded Spout Gauge
000548	Hanging Hook for Unleaded and Light Duty Diesel Nozzles



Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
001804	Full Grip Reguard
005494	Lever Guard
000226	Mate Guard
007376	Mate Handle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008170	POPD [®] H Mate Guard
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Guard

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT



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Diesel Exhaust Fluid Nozzles



NOZ



Automatic shut-off Diesel Exhaust Fluid (DEF) nozzle for full-service and self-service stations.

- Modular design for easy cleaning.
- · Constructed from materials 100% compatible with Diesel Exhaust Fluid (DEF).
- Nozzle shuts off when the DEF tank is full.
- Available with magnetic Accufuel® safety feature.
- Equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Comes standard with mate • nozzle guard and handle cover.
- Stainless Steel construction.



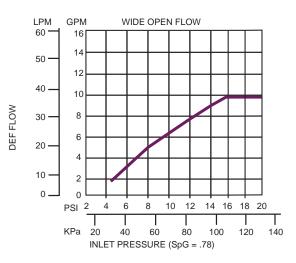
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT L	BS (KG)
731004N^	with Two Notch Hold Open Clip; without Spout Ring and magnetic	c Accufuel [®] Spout 4	.6 (2.1)
731088N^	with Two Notch Hold Open Clip a without magnetic Accufuel® Spor		.6 (2.1)
731091N^	with Two Notch Hold Open Clip, and magnetic Accufuel® Spout		.6 (2.1)
1043691N^	with Two Notch Hold Open Clip, Accufuel® Spout, and Waffle Gua	1 5 5	.6 (2.1)
7310192N^	with Two Notch Hold Open Clip, Grounding Cable and Spout Cap,	without magnetic	((0, 4)
	Accufuel [®] Spout		LISTED
	1		

DEF Nozzles with M34

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1043691N^	with Two Notch Hold Open Clip, Spout Ring, magnetic	
	Accufuel [®] Spout, and Waff	le Guard 4.6 (2.1)

^ NOT LISTED

Constr	Construction ^ NOT LISTED	
Body	Investment Cast Stainless Steel	
Seals	Fluorocarbon	
Packing	Double o-ring seal protected by fiber reinforced Teflon®	
Lever	One piece contoured steel with hard plastic cover	
Inlet	1″ / 25.4 mm BSPP M34 1.5 Face Seal threads	











DEE Nozzles

Automatic shut-off Diesel Exhaust Fluid (DEF) nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
007219	1" M x 1" M BSPP Non-Reconnectable Stainless Steel Safe-T-Break $^{\!\otimes}$
008216	1" M x 1" M BSPP Reconnectable Stainless Steel Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
007269	1" M x 1" M BSPP Inline Swivel
007275	1" M BSPP x M34 M Inline Swivel
007282	3/4" M BSPP x 3/4" Hose Barb Roller Bearing Inline Swivel
007467	1" F x 1" M BSPP Inline Swivel
008510	1" M BSPP 1" F NPT Inline Swivel
010936	3/4" M BSPP X 3/4" Hose Barb Inline Swivel

Spouts

MODEL NO.	DESCRIPTION
007360	with Spout Ring and Flo-Stop®
007364	with Spout Ring and Magnetic Accufuel® Safety Feature
007362	with Flo-Stop [®]

Guards

MODEL NO.	DESCRIPTION
008429	DEF Handguard Repair Kit
007376	Handle Cover (Black)
000226	Mate Nozzle Guard
001808	Waffle Splash Guard

Adaptors

MODEL NO.	DESCRIPTION
007285	1" M x 1" M BSPP Straight Adaptor
007356	1" M BSPP x M M34 Straight Adaptor
008413	1" M BSPP x 3/4" Hose Barb Adaptor with Seal Kit

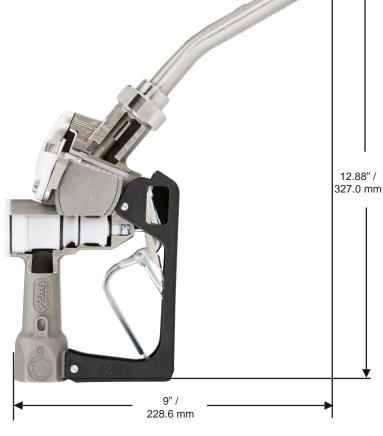
Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007523	1" BSPP Seal Kit Assembly
007163	Loss Motion Diaphragm Cartridge Assembly
007160	Plunger Cartridge Assembly
007150	Poppet Valve / Venturi Cartridge Assembly

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
013185	M34 M NPT Multi-Plane Swivel connected to 1" BSP M Reconnectable Safe-T-Break®
014438	1" BSP M Multi-Plane Swivel connected to 1" BSP M Reconnectable Safe-T-Break®



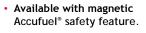




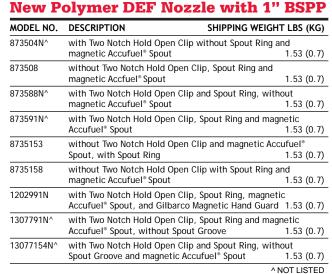


Polymer shut-off Diesel Exhaust Fluid (DEF) nozzle for full-service and self-service stations.

- Lighter than stainless steel nozzles.
- Streamshaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Less expensive than comparable nozzles.
- Nozzle shuts off when the DEF tank is full.
- Stainless steel spout for durability.
- Replaceable stainless steel spout.

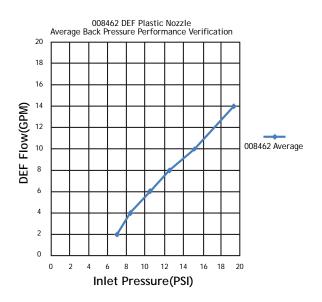


- Lower lever force.
- Flow characteristics of nozzle reduces crystallization of DEF.
- Complies with ISO Standard 22241-2:2006.



Construction

Body	Acetal
Seals	Fluorocarbon o-rings and diaphragm
Spout	19 mm diameter
Lever	One-piece contoured steel with hard plastic cover
Inlet	1" BSPP Male/Female seal







Polymer shut-off Diesel Exhaust Fluid (DEF) nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
007219	1" M x 1" M BSPP Non-Reconnectable Stainless Steel Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
007275	1" M BSPP x M34 M Inline Swivel
007282	3/4" M BSPP x 3/4" Hose Barb Inline Swivel
007467	1" F x 1" M BSPP Inline Swivel
008510	1" M BSPP x 1" F NPT Inline Swivel
008822	1" F x 1" M BSPP Inline Swivel Face Seal

Spouts

MODEL NO.	DESCRIPTION
013591	with StreamShaper®
013592	with Spout Ring and StreamShaper®
013593	with Spout Ring and Magnetic Accufuel® Safety Feature

Adaptors

MODEL NO.	DESCRIPTION
010227	DEF 1" Female BSPP Adaptor
010549	DEF 1" Female BSPP/1" Female NPT Adaptor
010551	DEF 1" Female BSPP x 3/4" Female NPT Adaptor
010553	DEF 1" Female BSPP X 3/4" Female BSPP Adaptor
010579	1" Female BSPP x 3/4" Male DEF HB Adaptor
010675	1" Female BSPP x 1" Female BSPP Adaptor, Straight

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007523	1" BSPP Seal Kit Assembly







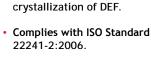


Automatic shut-off Diesel Exhaust Fluid (DEF) nozzle for full-service and self-service stations.

- Lighter than stainless steel nozzles.
- Streamshaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Less expensive than comparable nozzles.
- Nozzle shuts off when the DEF tank is full.

• Stainless steel spout for

durability.



• Flow characteristics of

nozzle reduces



New X DEF Nozzle with 3/4" NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
11676155N	with Three Notch Hold Open Clip	3.0 (1.3)
11676188N	with Three Notch Hold Open Clip, Magnetic Accufuel® Spout	Spout Ring and 3.0 (1.3)
11676189N	with Three Notch Hold Open Clip	and Long Spout 3.0 (1.3)
12150155N	with Three Notch Hold Open Clip Hand Guard	and Gilbarco Magnetic 3.0 (1.3)
12970155N	with Three Notch Hold Open Clip Hand Guard	and Wayne Magnetic 3.0 (1.3)

New X DEF Nozzle with 3/4" BSPP

MODEL NO.	DESCRIPTION SHIPPING	WEIGHT LBS (KG)
1167691N	with Three Notch Hold Open Clip, Spout Ring Magnetic Accufuel® Spout	and 3.0 (1.3)
11676154N	with Three Notch Hold Open Clip	3.0 (1.3)
11676180N	with Three Notch Hold Open Clip without Wa Guard	ffle 3.0 (1.3)
11676190N	with Three Notch Hold Open Clip and Long Sp	oout 3.0 (1.3)
12150154N	with Three Notch Hold Open Clip and Gilbard Hand Guard	co Magnetic 3.0 (1.3)
1215091N	with Three Notch Hold Open Clip, Spout Ring Accufuel® Spout and Gilbarco Magnetic Hand	
12964154N	with Two Notch Hold Open Clip, EZ Lever and Magnetic Hand Guard without Spout Groove	d Wayne 3.0 (1.3)
12970154N	with Three Notch Hold Open Clip and Wayne Hand Guard	Magnetic 3.0 (1.3)
13410203N	with Two Notch Hold Open Clip, EZ Lever and Accufuel® Spout, without Spout Groove	d Magnetic 3.0 (1.3)
13410204N	with Two Notch Hold Open Clip, EZ Lever, wir Spout Groove	thout 3.0 (1.3)

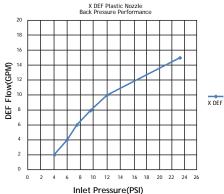
New X DEF Nozzle with M34

MODEL NO.	DESCRIPTION SHIPPING WEIGHT	LBS (KG)
11676274N	with Three Notch Hold Open Clip and Long Spout	3.0 (1.3)
12150185N	with Three Notch Hold Open Clip, Spout Ring, Magnetic Accufuel [®] Spout and Gilbarco Magnetic Hand Guard 3.0 (1.	
12150187N	with Three Notch Hold Open Clip and Gilbarco Magne Hand Guard	etic 3.0 (1.3)
12150259N	without Three Notch Hold Open Clip, with Gilbarco Magnetic Hand Guard	3.0 (1.3)
12644155N	with Three Notch Hold Open Clip and Wayne Magneti Hand Guard	c 3.0 (1.3)
12970185N	with Three Notch Hold Open Clip, Spout Ring, Magne Accufuel® Spout and Wayne Magnetic Hand Guard	tic 3.0 (1.3)
12970259N	without Three Notch Hold Open Clip, with Wayne Magnetic Hand Guard	3.0 (1.3)

Construction

Body	Anodized Aluminum	
Seals	Fluorocarbon o-rings and diaphragm	
Spout	19 mm diameter	
Lever	One-piece contoured steel with hard plastic cover	
Inlet	3/4" / 19 mm NPT Female threads or 3/4" / 19 mm BSPP Face Seal threads M34 1.5 Face Seal threads	







DIESEL EXHAUST FLUID







Automatic shut-off Diesel Exhaust Fluid (DEF) nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

Gilbarco Magnetic

Hand Guard

MODEL NO.	DESCRIPTION	
012070	3/4" F x 3/4" F NPT Reconnectable Safe-T-Break®	
012659	3/4" F x 3/4" F BSPP Reconnectable Safe-T-Break®	
Swivel		
MODEL NO.	DESCRIPTION	
007282	3/4" M BSPP x 3/4" Hose Barb Roller Bearing Inline Swivel	
010936	3/4" M BSPP x 3/4" Hose Barb Inline Swivel	
012656	3/4" M x 3/4" F BSPP Roller Bearing Inline Swivel	

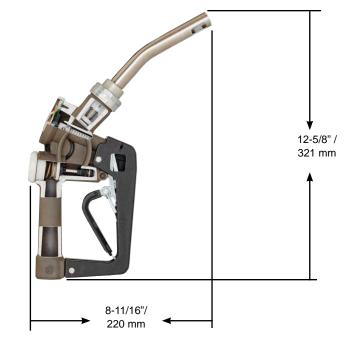
012030	3/4 MX 3/4 T DSFF Koller Dearling Infine Swiver
012604	3/4" M x 3/4" F NPT Roller Bearing Inline Swivel

Accessories, Testing and Maintenance

007522 3/4" BSPP Seal Kit Assembly 013285 with StreamShaper*	IPTION
•	SPP Seal Kit Assembly
	treamShaper®
013286 with Spout Ring and Magnetic Accufuel® Safety Feature	pout Ring and Magnetic Accufuel® Safety Feature
015319 with Long Spout and StreamShaper*	ong Spout and StreamShaper®

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
012828	3/4" BSP M Multi-Plane Swivel connected to 3/4" BSP F Reconnectable Safe-T-Break®
012831	3/4" NPT M Multi-Plane Swivel connected to 3/4" NPT F Reconnectable Safe-T-Break®
012887	3/4" BSP M Multi-Plane Swivel connected to 1" BSP F Reconnectable Safe-T-Break®
012890	3/4" BSP M Multi-Plane Swivel connected to 1" BSP M Reconnectable Safe-T-Break®







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Rev 17 4/21





Truck & High Volume Nozzles



1690/1691 Nozzles



Husky[®] 1690/1691 nozzle is 30% lighter than similar nozzles.

- Nozzle designed with extra large hand opening to accommodate gloves or mittens.
- Check valve is in nozzle body, not the spout, for inexpensive and fast spout replacement.
- Includes a self-adjusting stem packing.
- Automatic shut-off with dual poppets for easy opening.

- 1690 is equipped with two
 position hold open latch.
- 1691 is not equipped with hold open latch.
- Right angle design allows nozzle to "fit" close to walls and corners.
- Cast-in protective standoffs provide durability with rough usage.

New Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
169010N^	without shear groove in spout	4.6 (2.0)
169112	with shear groove in spout	4.6 (2.0)
-		^ NOT LISTED

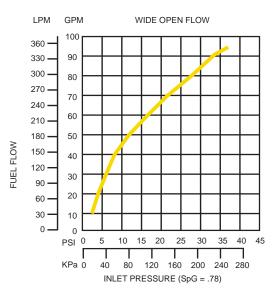
Rebuilt Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
169410N^	without shear groove in spout	4.6 (2.0)
		^ NOT LISTED

New Nozzles with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
169038N^	without shear groove in spout	4.6 (2.0)
		^ NOT LISTED

Body	Die cast aluminum body
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel
Inlet	11/2" NPT and BSPP





1690/1691 Nozzles GENERAL FUELING PRODUCTS

Husky[®] 1690/1691 nozzle is 30% lighter than similar nozzles.

Dimensions and System Options

Swivels

MODEL NO.	DESCRIPTION
005240	1¼" F x 1½" M NPT Single Plane Swivel
005266	11/2" F x 11/2" M NPT Single Plane Swivel
005754	1¼" F x 1½" M BSPP Single Plane Swivel
005755	11/2" F x 11/2" M BSPP Single Plane Swivel

Spouts

MODEL NO.	DESCRIPTION	
004889	Spout Assembly without shear groove	
005042	Spout Assembly with shear groove (1691 CUL version)	

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007089	Nozzle Service Kit







GENERAL FUELING PRODUCTS



HIGH VOLUME FUELING

- Contains a poppet disc seal, rated at -40° F/C (exceeding the UL standard of -20°F / -29°C) to prevent fuel leakage from the main seal in extreme cold weather.
- Nozzle is designed with extra large hand opening to accommodate gloves or mittens.
- Check valve is in the nozzle body, not the spout, for inexpensive, fast spout replacement.
- Two position hold open latch.

- Self-adjusting stem packing - no field adjustment is required.
- Automatic shut-off with dual poppets for easy opening.
- Right angle design allows • nozzle to "fit" close to walls and corners.
- Cast-in protective standoffs • provide durability with rough usage.

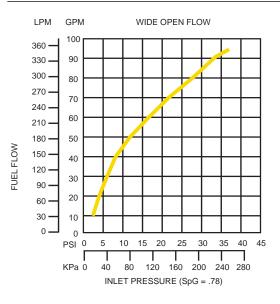
New Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
652310N^	with two position hold-open latch	3.96 (1.79)
		^ NOT LISTED

Rebuilt Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
879810N^	with two position hold-open latch	3.96 (1.79)
		^ NOT LISTED

Body	Die Cast Aluminum	
Seals	Fluorocarbon	
Packing	Double o-ring seal protected by fiber reinforced Teflon®	
Lever	One piece contoured steel with hard plastic cover	
Inlet	1-1/2 in / 38 mm NPT	
Spout	1-3/8 in / 34.9 mm O.D	







1690 CW GENERAL FUELING PRODUCTS

High volume automatic shut-off nozzle provides 100 gpm and is 30% lighter than similar nozzles.

Dimensions and System Options

Swivels

MODEL NO.	DESCRIPTION
005235	1¼ in / 32 mm F x 1¼ in / 32 mm M Inline Swivel
005240	1¼ in / 32 mm F x 1½ in / 38 mm M Inline Swivel
005265	1½ in / 38 mm F x 1¼ in / 32 mm M Inline Swivel
005266	1½ in / 38 mm F x 1½ in / 38 mm M Inline Swivel

Spouts

MODEL NO.	DESCRIPTION	
004889	Spout without shear groove	

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Accessories, Testing, and Maintenance

MODEL NO.	DESCRIPTION
007089	Nozzle Service Kit





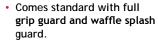


1HS Nozzles



Automatic shut-off nozzle with metal handguard for dispensing up to 25 gpm / 94.6 Lpm.

- 1HS nozzle shuts off when the gas tank is full.
- Accu-Flo[®] poppet allows "to-the-penny" fuel dispensing.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.



1 1 1

 Heavy-duty, long-lasting metal hand guard.

New Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
696310N^	with Three Notch Hold Open Clip	3.4 (1.5)
696365N^	with Three Notch Hold Open Clip Guard	and Waffle Splash 3.6 (1.6)
696312	without Hold Open Clip	3.4 (1.5)
-		^ NOT LISTED

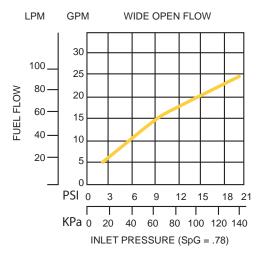
Rebuilt Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
696610N^	with Three Notch Hold Open Clip	3.4 (1.5)
696665N^	with Three Notch Hold Open Clip and Waffle Splash	
	Guard	3.3 (1.4)
696612	without Hold Open Clip	3.4 (1.5)
-		^ NOT LISTED

New Diesel Nozzles with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
696338N^	with Three Notch Hold Open Clip	3.4 (1.5)
696340	without Hold Open Clip	3.4 (1.5)
		^ NOT LISTED

Body	Die cast aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT & BSPP







1HS Noz

Automatic shut-off nozzle with metal handguard for dispensing up to 25 gpm / 94.6 Lpm.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO. DESCRIPTION		
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®	
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®	
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®	
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®	
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®	
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break* - Atex	
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®	

Swivels

MODEL NO. DESCRIPTION		
000087	1" M x 1" F NPT Multi-Plane Swivel	
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel	
000095	1" M x 1" F NPT 70° Pump Swivel	
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel	
003306	1" M x 1" F BSPP Multi-Plane Swivel	
006949	1" M x 1" F BSPP Multi-Plane High Flow Swivel	

Swivel/Safe-T-Break® Combos

MODEL NO. DESCRIPTION		
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®	
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®	
008015A	8015A 1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break* - Atex	

Spouts

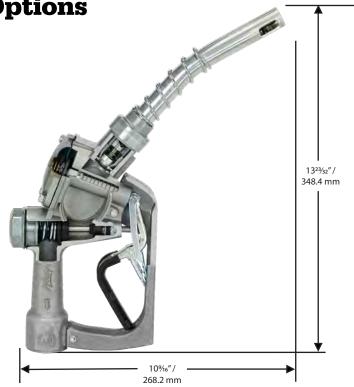
MODEL NO	. DESCRIPTION	
005215	Heavy Duty Diesel Spout with Flo-Stop®	

Pressure/Vacuum Vents

MODEL NO. DESCRIPTION		
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Accessories, Testing and Maintenance

MODEL NO. DESCRIPTION		
003593	Hold Open Clip Kit	
007089	Nozzle Service Kit	



Guards

MODEL NO	D. DESCRIPTION
000554	Full Grip Nozzle Guard
001804	Full Grip Nozzle Reguard
005494	Lever Guard
007295	Mate Handle Cover
000226	Mate Nozzle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
008170	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Guard
000099	Protection Package
001811	Reguard Package
001808	Waffle Splash Guard





1HS Nozzles



Automatic shut-off nozzle with polymer handguard for dispensing up to 25 gpm / 94.6 Lpm.

- 1HS nozzle shuts off when the gas tank is full.
- Accu-Flo[®] poppet allows "to-the-penny" fuel dispensing.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Comes standard with full grip guard and waffle splash guard.



MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
026810N^	with Three Notch Hold Open Clip	3.4 (1.5)
026865N^	with Three Notch Hold Open Clip	and Waffle
	Splash Guard	3.4 (1.5)
026890N^	with Three Notch Hold Open Clip,	POPD [®] Full Grip
	Guard and Waffle Splash Guard	3.4 (1.5)
026812	without Hold Open Clip	3.4 (1.5)
		^ NOT LISTED

Rebuilt Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
052410N^	with Three Notch Hold Open Clip	3.4 (1.5)
052465N^	with Three Notch Hold Open Clip Splash Guard	and Waffle 3.3 (1.4)
052412	without Hold Open Clip	3.4 (1.5)
		^ NOT LISTED

New Diesel Nozzles with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
026838N^	with Three Notch Hold Open Clip	3.4 (1.5)
026840	without Hold Open Clip	3.4 (1.5)
-		^ NOT LISTED

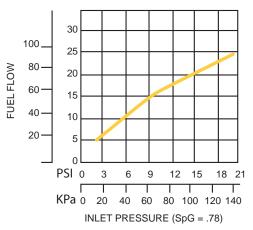
Rebuilt Diesel Nozzles with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
052438N^	with Three Notch Hold Open Clip	3.4 (1.5)
		^ NOT LISTED

Construction

Body	Die cast aluminum body with high impact polymer hand guard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT and BSPP

LPM GPM WIDE OPEN FLOW







Rev 7 11/19





1HS Noz

Automatic shut-off nozzle with polymer handguard for dispensing up to 25 gpm / 94.6 Lpm.

Dimensions and System Options

Safe-T-Breaks®

D. DESCRIPTION
1" F x 1" F NPT Reconnectable Safe-T-Break®
1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®
1" F x 1" F BSPP Reconnectable Safe-T-Break*
1" F x 1" F BSPP Reconnectable Safe-T-Break* - Atex
1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®

Swivels

MODEL NO	. DESCRIPTION	
000087	1" M x 1" F NPT Multi-Plane Swivel	
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel	
000095	1" M x 1" F NPT 70° Pump Swivel	
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel	
003306	1" M x 1" F BSPP Multi-Plane Swivel	
006949	1" M x 1" F BSPP Multi-Plane High Flow Swivel	

Swivel/Safe-T-Break® Combos

MODEL NO	. DESCRIPTION
005969	1" M NPTF Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break*
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break*
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break* - Atex

Spouts

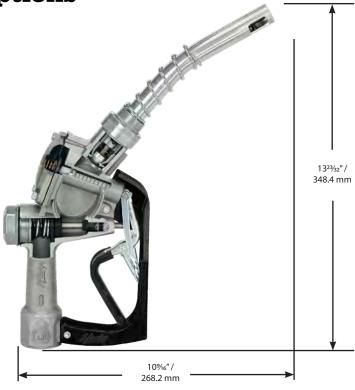
MODEL NO	DESCRIPTION
005215	Heavy Duty Diesel Spout with Flo-Stop®

Pressure/Vacuum Vents

MODEL NO	. DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL N	O. DESCRIPTION	
003593	Hold Open Clip Kit	
007089	Nozzle Service Kit	



Guards

MODEL NO	D. DESCRIPTION
000554	Full Grip Nozzle Guard
001804	Full Grip Nozzle Reguard
005494	Lever Guard
007376	Mate Handle Cover
000226	Mate Nozzle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
008170	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Guard
000099	Protection Package
001811	Reguard Package
001808	Waffle Splash Guard
-	



VIII Nozzles



Automatic shut-off nozzle with polymer handguard for truck stop and other high volume full-service, self-service and unattended stations.

- VIII nozzle shuts off when the gas tank is full.
- Spout is reinforced with thick aluminum bushing that retains spout spring and keeps spout from rounding-in: the two leading causes of clicking off and splash-back spillage.

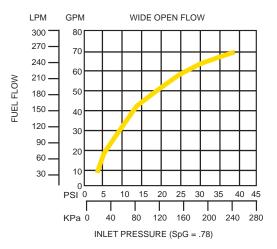
 Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

New Heavy Duty Diesel Nozzles with NPT

	<u> </u>	
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
173310N^	with Three Notch Hold Open Clip, N Guard and Spout Bushing	Waffle Splash 3.9 (1.7)
17331001N^	with Three Notch Hold Open Clip, N Guard, Long Spout and Spout Bushi	
173312	without Hold Open Clip, with Waffl and Spout Bushing	e Splash Guard 3.9 (1.7)
173381N^	with Three Notch Hold Open Clip a without Waffle Splash Guard	nd Spout Bushing 3.9 (1.7)
503010N^	with Three Notch Hold Open Clip a Guard without Spout Bushing	nd Waffle Splash 3.9 (1.7)
503012	without Hold Open Clip and Spout B Splash Guard	Bushing, with Waffle 3.9 (1.7)
503081N^	with Three Notch Hold Open Clip, v Bushing and Waffle Splash Guard	vithout Spout 3.9 (1.7)
50301001N^	with Three Notch Hold Open Clip, L Splash Guard, without Spout Bushir	51 /
		^ NOT LISTED

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel
Inlet	1" / 25.4 mm NPT







HIGH VOLUME FUELING





Automatic shut-off nozzle with polymer handguard for truck stop and other high volume full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F Reconnectable Safe-T-Break®
005812	1" F x 1" F Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F Multi-Plane Swivel
004860	1" M x 1" F Multi-Plane High Volume Swivel
000095	1" M x 1" F Multi-Plane 70° Pump Swivel
003395	1" M x 1" F Multi-Plane Restricted Swivel

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
005969	1" M Multi-Plane Swivel connected to 1" F Reconnectable Safe-T-Break®

Spouts

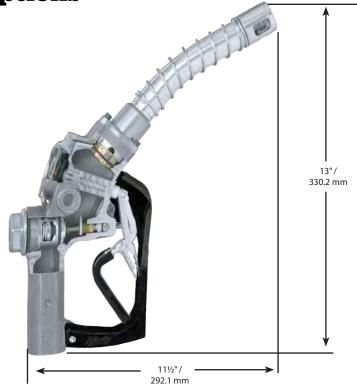
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly with Spout Bushing
005017	Complete Spout Assembly without Spout Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
006645	Plunger Assembly Lift Tool



Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005516	Full Grip Reguard
005494	Lever Guard
008178	POPD [®] EZH Nozzle Guard
008177	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008186	POPD [®] H Full Grip Guard
008193	POPD [®] H Full Grip Reguard
008168	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
007352	POPD [®] S Full Grip Guard
008194	POPD [®] S Full Grip Reguard
008167	POPD [®] S Mate Guard
001808	Waffle Splash Guard



BSPP Nozzles



Automatic shut off nozzle with polymer handguard for truck stop and other high volume full-service, self-service and unattended stations.

- VIII nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

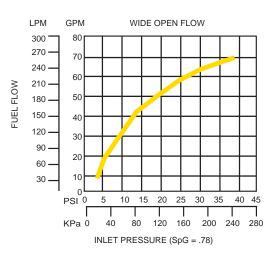
· Spout is reinforced with thick aluminum bushing that retains spout spring and keeps spout from rounding-in: the two leading causes of clicking off and splash-back spillage.

New Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
173338N^	with Three Notch Hold Open Clip and Spout Bushing	, Waffle Splash Guard 4.5 (2.0)
503038N^	with Three Notch Hold Open Clip Guard, without Spout Bushing	and Waffle Splash 4.5 (2.0)
		^ NOT LISTED

Construction

Body	Aluminum	
Seals	Fluorocarbon	
Packing	Double o-ring seal protected by fiber reinforced Teflon®	
Lever	One piece contoured steel	
Inlet	1" / 25.4 mm BSPP	









Automatic shut off nozzle with polymer handguard for truck stop and other high volume full-service, self-service and unattended stations.

Dimensions and System Options

BSPP Safe-T-Breaks®

MODEL NO.	DESCRIPTION	
003076	1" F x 1" F Reconnectable Safe-T-Break®	
003076A	1" F x 1" F Reconnectable Safe-T-Break® - Atex	
006914	1" F x 1" F Non-Reconnectable Safe-T-Break®	

BSPP Swivels

MODEL NO.	DESCRIPTION
003306	1" M x 1" F Multi-Plane Swivel
006949	1" M x 1" F Multi-Plane High Flow Swivel

BSPP Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

Spouts

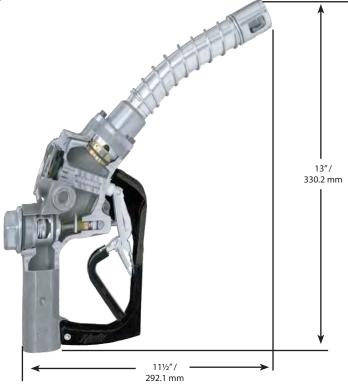
MODEL NO	MODEL NO. DESCRIPTION	
002279	Complete Spout Assembly Kit with Bushing	
005017	Complete Spout Assembly Kit without Bushing	
003589	Complete Long Spout Assembly with Spout Bushing	
011043	Complete Spout Assembly without Bushing and Small Spout Spring	

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with internal screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
006645	Plunger Assembly Lift Tool



Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005516	Full Grip Reguard
005494	Lever Guard
008178	POPD [®] EZH Nozzle Guard
008177	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008186	POPD [®] H Full Grip Guard
008193	POPD [®] H Full Grip Reguard
008168	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
007352	POPD [®] S Full Grip Guard
008194	POPD [®] S Full Grip Reguard
008167	POPD [®] S Mate Guard
001808	Waffle Splash Guard



VIII CW Nozzles



- Nozzle shuts off when the gas tank is full.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Contains a poppet disc seal designed to prevent fuel leakage from the main seal in extreme cold weather.

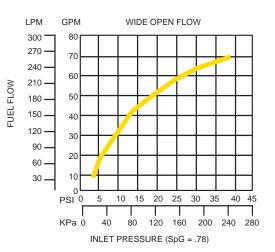
 Nozzle can get flow rates up to 75 GPM / 284 LPM.

 Standard nozzle spout is reinforced with a thick aluminum bushing that holds the spout spring in place and keeps the spout from rounding in.

New Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
651510N^	with Three Notch Hold Open Clip,	Waffle Splash Guard
	and Spout Bushing	4.5 (2.0)
651512	without Hold Open Clip with Waffle	e Splash Guard and
	Spout Bushing	4.6 (2.1)
651710N^	with Three Notch Hold Open Clip a	and Waffle Splash
	Guard, without Spout Bushing	4.5 (2.0)
651712	without Hold Open Clip with Waffle	e Splash Guard,
	without Spout Bushing	4.6 (2.1)
828110N [^] with Three Notch Hold Open Clip, Waffle Splash Guard,		Waffle Splash Guard,
	without Spout Bushing	4.6 (2.1)
835110N^	with Three Notch Hold Open Clip,	Waffle Splash Guard,
	and Spout Bushing	4.6 (2.1)
		^ NOT LISTED

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT









Automatic shut-off nozzle with polymer handguard for truck stops and other high volume applications.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F Reconnectable Safe-T-Break®
005812	1" F x 1" F Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F Multi-Plane Swivel
004860	1" M x 1" F Multi-Plane High Volume Swivel
000095	1" M x 1" F Multi-Plane 70° Pump Swivel
003395	1" M x 1" F Multi-Plane Restricted Swivel

Swivel•Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
005969	1" M Multi-Plane Swivel connected to 1" F Reconnectable Safe-T-Break®

Spouts

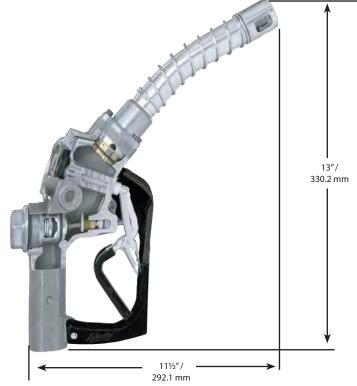
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly Kit with Bushing
005017	Complete Spout Assembly Kit without Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
006645	Plunger Assembly Lift Tool



Guards

004740 Fi 005516 Fi	DESCRIPTION Full Grip Guard Full Grip Reguard Lever Guard POPD® EZH Nozzle Guard
005516 F	ull Grip Reguard .ever Guard OPD® EZH Nozzle Guard
	ever Guard POPD® EZH Nozzle Guard
005494 L	POPD® EZH Nozzle Guard
008178 P	
008177 P	POPD® EZS Nozzle Guard
007999 P	POPD® H Clear Cover
008168 P	POPD® H Mate Guard
008186 P	POPD® H Full Grip Guard
008193 P	POPD® H Full Grip Reguard
006628 P	POPD® S Clear Cover
007352 P	POPD® S Full Grip Guard
008194 P	POPD® S Full Grip Reguard
008167 P	POPD® S Mate Guard
001808 W	Vaffle Splash Guard



VIIIS Nozzles



Pressure activated, automatic shut-off nozzle with polymer handguard for truck stop and other high volume full-service, self-service and unattended stations.

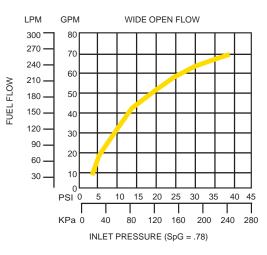
- VIIIS nozzle shuts off when: Nozzle is equipped with a
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- Spout is reinforced with thick aluminum bushing that retains spout spring and keeps spout from rounding-in: the two leading causes of clicking off and splash-back spillage.

Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

New Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	LBS (KG)
177610	with Three Notch Hold Open Clip, Splash Guard and Spout Bushing	Waffle	4.6 (2.0)
17761001	with Three Notch Hold Open Clip, Splash Guard, Long Spout and Spo		4.6 (2.0)
177690	with Three Notch Hold Open Clip, Grip Guard, Waffle Splash Guard a		4.6 (2.0)
177612	without Hold Open Clip, with Waf Guard and Spout Bushing	fle Splash	4.6 (2.0)
1776147	with Three Notch Hold Open Clip, Grip Guard, Waffle Splash Guard a		4.6 (2.0)
504010	with Three Notch Hold Open Clip Splash Guard without Spout Bushi		4.6 (2.0)
504012	without Hold Open Clip and Spout with Waffle Splash Guard	Bushing,	4.6 (2.0)
5040132	with Three Notch Hold Open Clip, Waffle Splash Guard or Spout Bush		4.6 (2.0)
11043132	with Three Notch Hold Open Clip, Spring, without Spout Bushing or V		4.6 (2.0)
1776240	with Single Notch Hold Open Clip, and Spout Bushing	Waffle Splash Guarc	1 4.6 (2.0)

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel
Inlet	1" / 25.4 mm NPT







VIIIS Noz

Pressure activated, automatic shut-off nozzle with polymer handguard for truck stop and other high volume full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F Reconnectable Safe-T-Break®
005812	1" F x 1" F Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F Multi-Plane Swivel
004860	1" M x 1" F Multi-Plane High Volume Swivel
000095	1" M x 1" F Multi-Plane 70° Pump Swivel
003395	1" M x 1" F Multi-Plane Restricted Swivel

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
005969	1" M Multi-Plane Swivel connected to 1" F Reconnectable Safe-T-Break®

Spouts

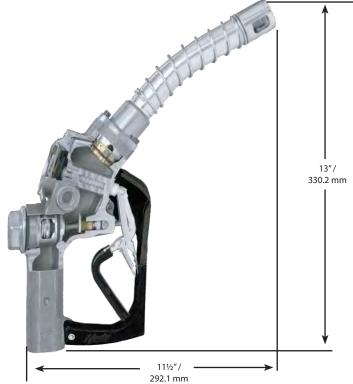
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly with Spout Bushing
005017	Complete Spout Assembly without Spout Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
006645	Plunger Assy Lift Tool



Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005516	Full Grip Reguard
005494	Lever Guard
008178	POPD [®] EZH Nozzle Guard
008177	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008186	POPD [®] H Full Grip Guard
008193	POPD [®] H Full Grip Reguard
008168	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
007352	POPD [®] S Full Grip Guard
008194	POPD [®] S Full Grip Reguard
008167	POPD [®] S Mate Guard
001808	Waffle Splash Guard



VIIIS BSPP Nozzles

Pressure activated, automatic shut-off nozzle with polymer handguard for truck stop and other high volume full-service, self-service and unattended stations.

- VIIIS nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal

Spout is reinforced with thick aluminum bushing that retains spout spring and keeps spout from rounding-in: the two leading causes of clicking off and splash-back spillage.

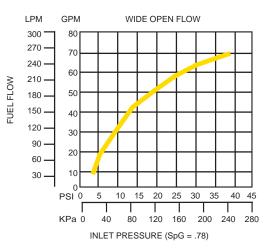
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New Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
177638	with Three Notch Hold Open Clip, Guard and Spout Bushing	Waffle Splash 3.9 (1.7)
177640	without Hold Open Clip, with Waf and Spout Bushing	fle Splash Guard 3.9 (1.7)
504038	without Spout Bushing, with Thre Clip and Waffle Splash Guard	e Notch Hold Open 3.9 (1.7)
504040	without Hold Open Clip and Spour Waffle Splash Guard	Bushing, with 3.9 (1.7)

GENERAL FUELING PRODUCTS

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\ensuremath{\circ}}$
Lever	One piece contoured steel
Inlet	1" / 25.4 mm BSPP







Pressure activated, automatic shut-off nozzle with polymer handguard for truck stop and other high volume full-service, self-service and unattended stations.

Dimensions and System Options

BSPP Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003076	1" F x 1" F Reconnectable Safe-T-Break®
003076A	1" F x 1" F Reconnectable Safe-T-Break® - Atex
006914	1" F x 1" F Non-Reconnectable Safe-T-Break®

BSPP Swivels

MODEL NO.	DESCRIPTION
003306	1" M x 1" F Multi-Plane Swivel
006949	1" M x 1" F Multi-Plane High Flow Swivel

BSPP Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

Spouts

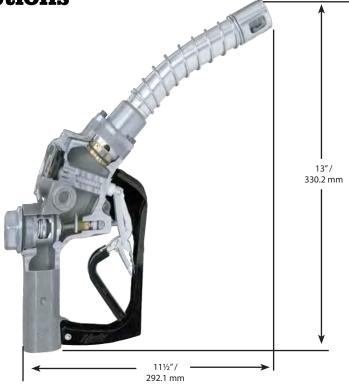
MODEL NO	MODEL NO. DESCRIPTION	
002279	Complete Spout Assembly Kit with Bushing	
005017	Complete Spout Assembly Kit without Bushing	
003589	Complete Long Spout Assembly with Spout Bushing	
011043	Complete Spout Assembly without Bushing and Small Spout Spring	

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
006645	Plunger Assembly Lift Tool



Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005516	Full Grip Reguard
005494	Lever Guard
008178	POPD [®] EZH Nozzle Guard
008177	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008186	POPD [®] H Full Grip Guard
008193	POPD [®] H Full Grip Reguard
008168	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
007352	POPD [®] S Full Grip Guard
008194	POPD [®] S Full Grip Reguard
008167	POPD [®] S Mate Guard
001808	Waffle Splash Guard



VIIIS CW Nozzles



Pressure activated nozzle with polymer handguard for self-service and unattended stations.

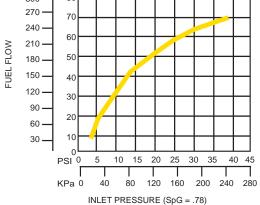
- VIIIS Nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Contains a poppet disc seal, rated at -40° F/C, to prevent fuel leakage from the main seal in extreme cold weather.

- Contains a poppet disc seal designed to prevent fuel leakage from the main seal in extreme cold weather.
- Spout is reinforced with a thick aluminum bushing that holds the spout spring in place and keeps the spout from rounding in the two leading causes of clicking-off and splash-back spillage.

New Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
651910	with Three Notch Hold Open Clip Waffle Splash Guard and Spout Bu	
652110	with Three Notch Hold Open Clip Waffle Splash Guard, without Spo	
6519159	without Hold Open Clip, with Wa Guard and Spout Bushing	ffle Splash 4.5 (2.0)

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet _{LPM}	đểm 25.4 mm NRTDE OPEN FLOW
300 -	
270 —	





VIIIS CW Nozz GENERAL FUELING PRODUCTS

Pressure activated nozzle with polymer handguard for self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F Reconnectable Safe-T-Break®
005812	1" F x 1" F Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F Multi-Plane Swivel
004860	1" M x 1" F Multi-Plane High Volume Swivel
000095	1" M x 1" F Multi-Plane 70° Pump Swivel
003395	1" M x 1" F Multi-Plane Restricted Swivel

Swivel•Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
005969	1" M Multi-Plane Swivel connected to 1" F Reconnectable Safe-T-Break®

Spouts

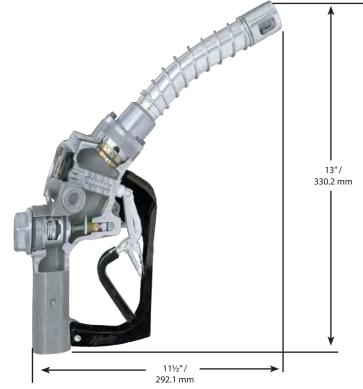
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly Kit with Bushing
005017	Complete Spout Assembly Kit without Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Bushing and Small Spout Spring

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
006645	Plunger Assembly Lift Tool



Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005516	Full Grip Reguard
005494	Lever Guard
008178	POPD [®] EZH Nozzle Guard
008177	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008186	POPD [®] H Full Grip Guard
008193	POPD [®] H Full Grip Reguard
008168	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
007352	POPD [®] S Full Grip Guard
008194	POPD [®] S Full Grip Reguard
008167	POPD [®] S Mate Guard
001808	Waffle Splash Guard



VIII Rebuilt Nozzles



Automatic shut-off nozzle with polymer handguard for truck stop and other high volume full-service, self-service and unattended stations.

- VIII nozzle shuts off when the gas tank is full.
- Spout is reinforced with thick aluminum bushing that retains spout spring and keeps spout from rounding-in: the two leading causes of clicking off and splash-back spillage

 Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

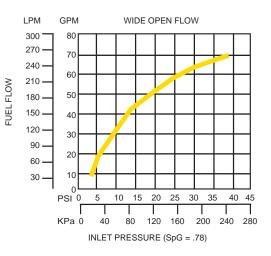


Rebuilt Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
265910N^	with Three Notch Hold Op and Spout Bushing	en Clip, Waffle Splash Guard 3.9 (1.7)
265912	without Hold Open Clip, w Spout Bushing	rith Waffle Splash Guard and 3.9 (1.7)
502510N^	with Three Notch Hold Op Guard without Spout Bush	
-		^ NOT LISTED

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel
Inlet	1" / 25.4 mm NPT





WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



Automatic shut-off nozzle with polymer handguard for truck stop and other high volume full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F Reconnectable Safe-T-Break®
005812	1" F x 1" F Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F Multi-Plane Swivel
004860	1" M x 1" F Multi-Plane High Volume Swivel
000095	1" M x 1" F Multi-Plane 70° Pump Swivel
003395	1" M x 1" F Multi-Plane Restricted Swivel

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
005969	1" M Multi-Plane Swivel connected to 1" F Reconnectable Safe-T-Break®

Spouts

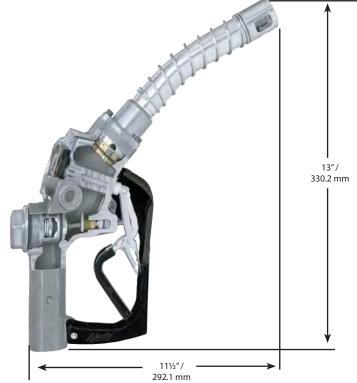
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly with Spout Bushing
005017	Complete Spout Assembly without Spout Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
006645	Plunger Assembly Lift Tool



Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005516	Full Grip Reguard
005494	Lever Guard
008178	POPD [®] EZH Nozzle Guard
008177	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008186	POPD [®] H Full Grip Guard
008193	POPD [®] H Full Grip Reguard
008168	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
007352	POPD [®] S Full Grip Guard
008194	POPD [®] S Full Grip Reguard
008167	POPD [®] S Mate Guard
001808	Waffle Splash Guard



VIIIS Rebuilt Nozzles



Pressure activated, automatic shut-off nozzle with polymer handguard for truck stop and other high volume full-service, self-service and unattended stations.

- VIIIS nozzle shuts off when: Nozzle is equipped with a
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- Spout is reinforced with thick aluminum bushing that retains spout spring and keeps spout from rounding-in: the two leading causes of clicking off and splash-back spillage.

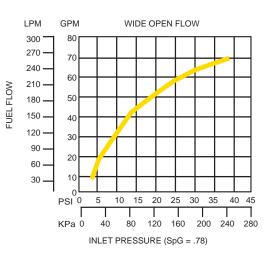
Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

Rebuilt Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
266010	with Three Notch Hold Open Clip, Waffle Splash Guard and Spout Bushing 4.6	
503510	with Three Notch Hold Open Clip Waffle Splash Guard without Spou	

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel
Inlet	1" / 25.4 mm NPT





WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

HIGH VOLUME FUELING



Pressure activated, automatic shut-off nozzle with polymer handguard for truck stop and other high volume full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION	
002276	1" F x 1" F Reconnectable Safe-T-Break®	
005812	1" F x 1" F Non-Reconnectable Safe-T-Break®	
006301	1" F x 1" F Non-Reconnectable PCC Safe-T-Break®	
005231	1" F x 1" F Low Pull Reconnectable Safe-T-Break®	

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F Multi-Plane Swivel
004860	1" M x 1" F Multi-Plane High Volume Swivel
000095	1" M x 1" F Multi-Plane 70° Pump Swivel
003395	1" M x 1" F Multi-Plane Restricted Swivel

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
005969	1" M Multi-Plane Swivel connected to 1" F Reconnectable Safe-T-Break®

Spouts

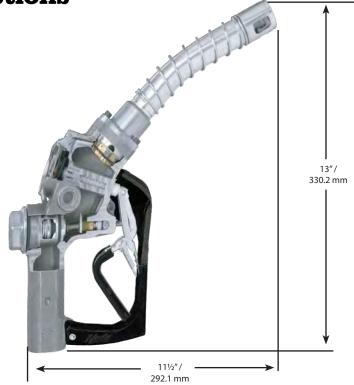
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly with Spout Bushing
005017	Complete Spout Assembly without Spout Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
006645	Plunger Assy Lift Tool



Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005516	Full Grip Reguard
005494	Lever Guard
008178	POPD [®] EZH Nozzle Guard
008177	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008186	POPD [®] H Full Grip Guard
008193	POPD [®] H Full Grip Reguard
008168	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
007352	POPD [®] S Full Grip Guard
008194	POPD [®] S Full Grip Reguard
008167	POPD [®] S Mate Guard
001808	Waffle Splash Guard





Automatic shut-off nozzle with metal handguard for truck stop and other high volume full-service, self-service and unattended stations.

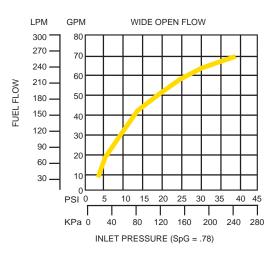
- VIII nozzle shuts off when the gas tank is full.
- Spout is reinforced with thick aluminum bushing that retains spout spring and keeps spout from rounding-in: the two leading causes of clicking off and splash-back spillage.

• Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

New Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
749310N^	with Three Notch Hold Ope and Spout Bushing	n Clip, Waffle Splash Guard, 4.5 (2.0)
74931001N^	1 5	n Clip, Waffle Splash Guard,
750610N^	• • • •	n Clip and Waffle Splash Guard, 4.4 (2.0)
75061001N^	with Three Notch Hold Ope and Long Spout, without Sp	
750612	without Hold Open Clip or S Splash Guard	Spout Bushing, with Waffle 4.4 (2.0)
7506230N^	with Three Notch Hold Ope and Short Spout Spring, wit	n Clip, Waffle Splash Guard, hout Spout Bushing 4.4 (2.0)
750681N^	with Three Notch Hold Ope Guard or Spout Bushing	n Clip, without Waffle Splash 4.3 (2.0)
1108710N^	with Three Notch Hold Ope and Spout Bushing, Nickel F	17 1
-		

Construction ^NOT List	
Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel
Inlet	1" / 25.4 mm NPT









Automatic shut-off nozzle with metal handguard for truck stop and other high volume full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

DESCRIPTION
1" F x 1" F Reconnectable Safe-T-Break®
1" F x 1" F Non-Reconnectable Safe-T-Break®
1" F x 1" F Non-Reconnectable PCC Safe-T-Break®
1" F x 1" F Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F Multi-Plane Swivel
004860	1" M x 1" F Multi-Plane High Volume Swivel
000095	1" M x 1" F Multi-Plane 70° Pump Swivel
003395	1" M x 1" F Multi-Plane Restricted Swivel

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
005969	1" M Multi-Plane Swivel connected to 1" F Reconnectable Safe-T-Break®

Spouts

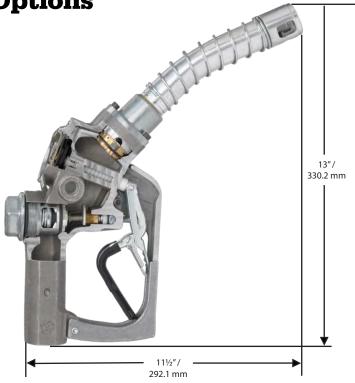
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly with Spout Bushing
005017	Complete Spout Assembly without Spout Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
006645	Plunger Assembly Lift Tool



Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005516	Full Grip Reguard
005494	Lever Guard
008178	POPD [®] EZH Nozzle Guard
008177	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008186	POPD [®] H Full Grip Guard
008193	POPD [®] H Full Grip Reguard
008168	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
007352	POPD [®] S Full Grip Guard
008194	POPD [®] S Full Grip Reguard
008167	POPD [®] S Mate Guard
001808	Waffle Splash Guard



VIII Nozzles



Automatic shut-off nozzle with metal handguard for truck stop and other high volume full-service, self-service and unattended stations.

- VIII nozzle shuts off when the gas tank is full.
- Spout is reinforced with thick aluminum bushing that retains spout spring and keeps spout from rounding-in: the two leading causes of clicking off and splash-back spillage.

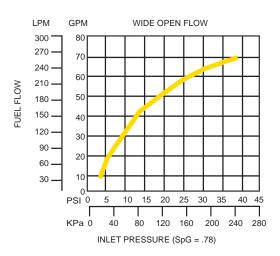
 Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

New Heavy Duty Diesel Nozzles with NPT

	<u> </u>	
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG
749310N^	with Three Notch Ho and Spout Bushing	d Open Clip, Waffle Splash Guard, 4.5 (2.0
74931001N^	with Three Notch Ho Long Spout, and Spou	d Open Clip, Waffle Splash Guard, It Bushing 4.7 (2.1
750610N^	with Three Notch Ho without Spout Bushin	d Open Clip and Waffle Splash Guard, g 4.4 (2.0
75061001N^	with Three Notch Ho and Long Spout, with	d Open Clip, Waffle Splash Guard out Spout Bushing 4.6 (2.1
750612	without Hold Open C Splash Guard	ip or Spout Bushing, with Waffle 4.4 (2.0
7506230N^		d Open Clip, Waffle Splash Guard, ng, without Spout Bushing 4.4 (2.0
750681N^	with Three Notch Ho Guard or Spout Bushi	d Open Clip, without Waffle Splash ng 4.3 (2.0
1108710N^	with Three Notch Ho and Spout Bushing, N	d Open Clip, Waffle Splash Guard ickel Plated Body 4.5 (2.0
750623001N^		I Open Clip, Waffle Splash Guard, Long t Spring, without Spout Bushing 4.5 (2.0
		^ NOT LISTED

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel
Inlet	1" / 25.4 mm NPT





WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov





Automatic shut-off nozzle with metal handguard for truck stop and other high volume full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

DESCRIPTION
1" F x 1" F Reconnectable Safe-T-Break®
1" F x 1" F Non-Reconnectable Safe-T-Break®
1" F x 1" F Non-Reconnectable PCC Safe-T-Break®
1" F x 1" F Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F Multi-Plane Swivel
004860	1" M x 1" F Multi-Plane High Volume Swivel
000095	1" M x 1" F Multi-Plane 70° Pump Swivel
003395	1" M x 1" F Multi-Plane Restricted Swivel

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
005969	1" M Multi-Plane Swivel connected to 1" F Reconnectable Safe-T-Break®

Spouts

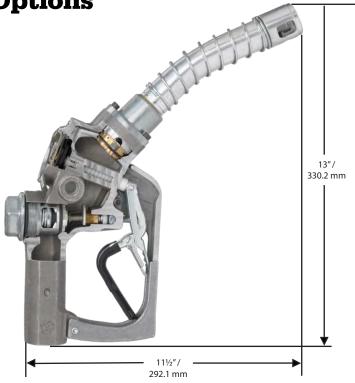
MODEL NO.	DESCRIPTION	
002279	Complete Spout Assembly with Spout Bushing	
005017	Complete Spout Assembly without Spout Bushing	
003589	Complete Long Spout Assembly with Spout Bushing	
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring	

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
006645	Plunger Assembly Lift Tool



Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005516	Full Grip Reguard
005494	Lever Guard
008178	POPD [®] EZH Nozzle Guard
008177	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008186	POPD [®] H Full Grip Guard
008193	POPD [®] H Full Grip Reguard
008168	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
007352	POPD [®] S Full Grip Guard
008194	POPD [®] S Full Grip Reguard
008167	POPD [®] S Mate Guard
001808	Waffle Splash Guard



VIIIS Nozzles



Pressure activated, automatic shut-off nozzle with metal handguard for truck stop and other high volume full-service, self-service and unattended stations.

- VIIIS nozzle shuts off when: Nozzle is equipped with a
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- Spout is reinforced with thick aluminum bushing that retains spout spring and keeps spout from rounding-in: the two leading causes of clicking off and splash-back spillage

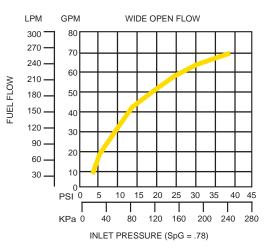
Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

New Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	HIPPING WEIGHT LBS (KG)
749610	with Three Notch Hold Open Clip, V and Spout Bushing	Vaffle Splash Guard 4.5 (2.0)
74961001	with Three Notch Hold Open Clip, V Long Spout and Spout Bushing	Vaffle Splash Guard, 4.7 (2.1)
749612	without Hold Open Clip, with Waffle Spout Bushing	e Splash Guard and 4.5 (2.0)
751010	with Three Notch Hold Open Clip ar Guard, without Spout Bushing	nd Waffle Splash 4.4 (2.0)

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel
Inlet	1" / 25.4 mm NPT





Rev 7 3/21



VIIIS Noz

Pressure activated, automatic shut-off nozzle with metal handguard for truck stop and other high volume full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F Reconnectable Safe-T-Break®
005812	1" F x 1" F Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F Multi-Plane Swivel
004860	1" M x 1" F Multi-Plane High Volume Swivel
000095	1" M x 1" F Multi-Plane 70° Pump Swivel
003395	1" M x 1" F Multi-Plane Restricted Swivel

Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
005969	1" M Multi-Plane Swivel connected to 1" F Reconnectable Safe-T-Break®

Spouts

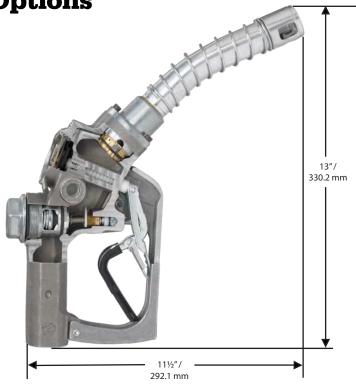
	5
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly with Spout Bushing
005017	Complete Spout Assembly without Spout Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
006645	Plunger Assy Lift Tool



Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005516	Full Grip Reguard
005494	Lever Guard
008178	POPD [®] EZH Nozzle Guard
008177	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008186	POPD [®] H Full Grip Guard
008193	POPD [®] H Full Grip Reguard
008168	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
007352	POPD [®] S Full Grip Guard
008194	POPD [®] S Full Grip Reguard
008167	POPD [®] S Mate Guard
001808	Waffle Splash Guard





HIGH VOLUME FUELING

Automatic shut-off nozzle with metal handguard for truck stops and other high volume applications.

- Nozzle shuts off when the gas tank is full.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Contains a poppet disc seal designed to prevent fuel leakage from the main seal in extreme cold weather.

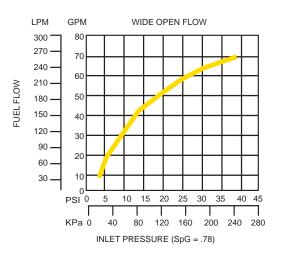
 Standard nozzle spout is reinforced with a thick aluminum bushing that holds the spout spring in place and keeps the spout from rounding in.

New Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
751510N^	with Three Notch Hold Open Clip and Spout Bushing	, Waffle Splash Guard 4.5 (2.0)
751710N^	with Three Notch Hold Open Clip without Spout Bushing	and Waffle Splash Guard, 4.4 (2.0)

Construction

Construction ^ NOT LISTED	
Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT







Rev 6 3/21



Automatic shut-off nozzle with metal handguard for truck stops and other high volume applications.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F Reconnectable Safe-T-Break®
005812	1" F x 1" F Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F Multi-Plane Swivel
004860	1" M x 1" F Multi-Plane High Volume Swivel
000095	1" M x 1" F Multi-Plane 70° Pump Swivel
003395	1" M x 1" F Multi-Plane Restricted Swivel

Swivel•Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
005969	1" M Multi-Plane Swivel connected to 1" F Reconnectable Safe-T-Break®

Spouts

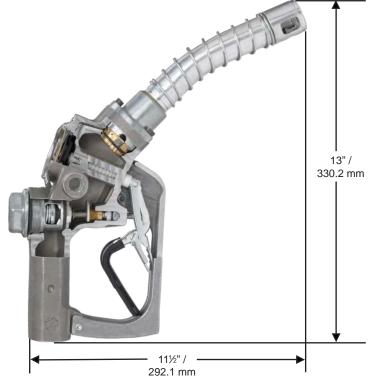
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly Kit with Bushing
005017	Complete Spout Assembly Kit without Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
006645	Plunger Assembly Lift Tool



Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005516	Full Grip Reguard
005494	Lever Guard
008178	POPD [®] EZH Nozzle Guard
008177	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008186	POPD [®] H Full Grip Guard
008193	POPD [®] H Full Grip Reguard
008168	POPD® H Mate Guard
006628	POPD [®] S Clear Cover
007352	POPD [®] S Full Grip Guard
008194	POPD [®] S Full Grip Reguard
008167	POPD [®] S Mate Guard
001808	Waffle Splash Guard



VIIIS CW Nozzles

HIGH VOLUME FUELING

Pressure activated nozzle with metal handguard for self-service and unattended stations.

- VIIIS Nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Contains a poppet disc seal, rated at -40° F/C, to prevent fuel leakage from the main seal in extreme cold weather.

- Contains a poppet disc seal designed to prevent fuel leakage from the main seal in extreme cold weather.
- Spout is reinforced with a thick aluminum bushing that holds the spout spring in place and keeps the spout from rounding in the two leading causes of clicking-off and splash-back spillage.

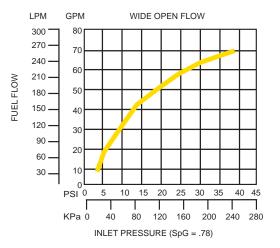
New Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
751910	with Three Notch Hold Open Clip	
	and Spout Bushing	4.5 (2.0)

GENERAL FUELING PRODUCTS

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT





VIIIS CW Nozz GENERAL FUELING PRODUCTS

Pressure activated nozzle with metal handguard for self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F Reconnectable Safe-T-Break®
005812	1" F x 1" F Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F Multi-Plane Swivel
004860	1" M x 1" F Multi-Plane High Volume Swivel
000095	1" M x 1" F Multi-Plane 70° Pump Swivel
003395	1" M x 1" F Multi-Plane Restricted Swivel

Swivel•Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
005969	1" M Multi-Plane Swivel connected to 1" F Reconnectable Safe-T-Break®

Spouts

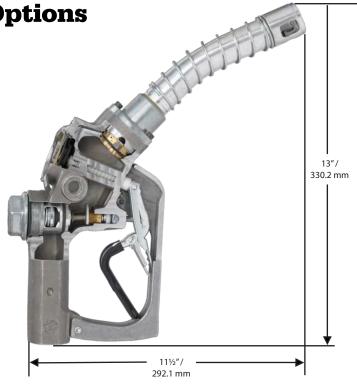
_	
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly Kit with Bushing
005017	Complete Spout Assembly Kit without Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Bushing and Small Spout Spring

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
006645	Plunger Assembly Lift Tool



Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005516	Full Grip Reguard
005494	Lever Guard
008178	POPD [®] EZH Nozzle Guard
008177	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008186	POPD [®] H Full Grip Guard
008193	POPD [®] H Full Grip Reguard
008168	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
007352	POPD [®] S Full Grip Guard
008194	POPD [®] S Full Grip Reguard
008167	POPD [®] S Mate Guard
001808	Waffle Splash Guard



VIII Rebuilt Nozzles



Automatic shut-off nozzle with metal handguard for truck stop and other high volume full-service, self-service and unattended stations.

- VIII nozzle shuts off when the gas tank is full.
- Spout is reinforced with • thick aluminum bushing that retains spout spring and keeps spout from rounding-in: the two leading causes of clicking off and splash-back spillage.

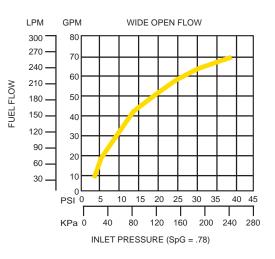
 Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

Rebuilt Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
749910N^	with Three Notch Hold Open Clip and Spout Bushing	, Waffle Splash Guard 4.5 (2.0)
750410N^	with Three Notch Hold Open Clip without Spout Bushing	and Waffle Splash Guard, 4.5 (2.0)

Construction

Construction ^NOTI	
Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel
Inlet	1" / 25.4 mm NPT









Rev 7 3/21



Automatic shut-off nozzle with metal handguard for truck stop and other high volume full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

DESCRIPTION
1" F x 1" F Reconnectable Safe-T-Break®
1" F x 1" F Non-Reconnectable Safe-T-Break®
1" F x 1" F Non-Reconnectable PCC Safe-T-Break®
1" F x 1" F Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F Multi-Plane Swivel
004860	1" M x 1" F Multi-Plane High Volume Swivel
000095	1" M x 1" F Multi-Plane 70° Pump Swivel
003395	1" M x 1" F Multi-Plane Restricted Swivel

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
	1" M Multi-Plane Swivel connected to 1" F Reconnectable Safe-T-Break®

Spouts

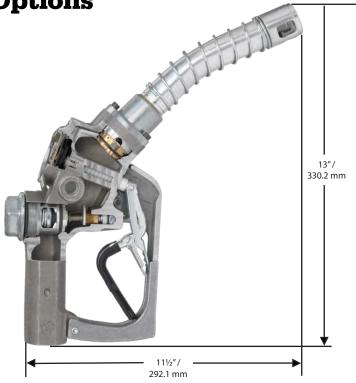
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly with Spout Bushing
005017	Complete Spout Assembly without Spout Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
006645	Plunger Assembly Lift Tool



Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005516	Full Grip Reguard
005494	Lever Guard
008178	POPD [®] EZH Nozzle Guard
008177	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008186	POPD [®] H Full Grip Guard
008193	POPD [®] H Full Grip Reguard
008168	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
007352	POPD [®] S Full Grip Guard
008194	POPD [®] S Full Grip Reguard
008167	POPD [®] S Mate Guard
001808	Waffle Splash Guard



VIIIS Rebuilt Nozzles



Pressure activated, automatic shut-off nozzle with metal handguard for truck stop and other high volume full-service, self-service and unattended stations

- VIIIS nozzle shuts off when: Nozzle is equipped with a
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- Spout is reinforced with thick aluminum bushing that retains spout spring and keeps spout from rounding-in: the two leading causes of clicking off and splash-back spillage.

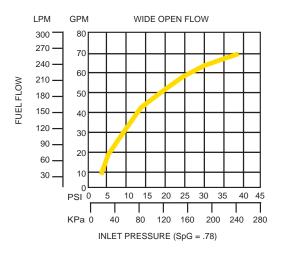
Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

Rebuilt Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
750210	with Three Notch Hold Open Clip, Spout Bushing	Waffle Splash Guard and 4.5 (2.0)

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel
Inlet	1" / 25.4 mm NPT



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



Pressure activated, automatic shut-off nozzle with metal handguard for truck stop and other high volume full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F Reconnectable Safe-T-Break®
005812	1" F x 1" F Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F Low Pull Reconnectable Safe-T-Break®

Swivels

MODEL NO.	DESCRIPTION
000087	1" M x 1" F Multi-Plane Swivel
004860	1" M x 1" F Multi-Plane High Volume Swivel
000095	1" M x 1" F Multi-Plane 70° Pump Swivel
003395	1" M x 1" F Multi-Plane Restricted Swivel

Swivel/Safe-T-Break[®] Combos

MODEL NO.	DESCRIPTION
005969	1" M Multi-Plane Swivel connected to 1" F Reconnectable Safe-T-Break®

Spouts

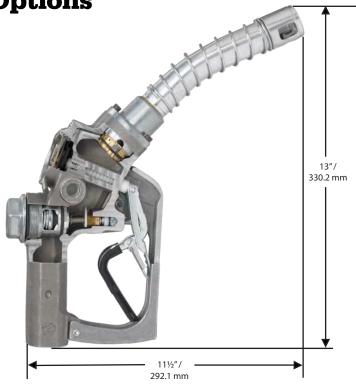
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MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly with Spout Bushing
005017	Complete Spout Assembly without Spout Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
006645	Plunger Assy Lift Tool



Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005516	Full Grip Reguard
005494	Lever Guard
008178	POPD [®] EZH Nozzle Guard
008177	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008186	POPD [®] H Full Grip Guard
008193	POPD [®] H Full Grip Reguard
008168	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
007352	POPD [®] S Full Grip Guard
008194	POPD [®] S Full Grip Reguard
008167	POPD [®] S Mate Guard
001808	Waffle Splash Guard



VIII BSPP Nozzles



- VIII nozzle shuts off when the gas tank is full.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

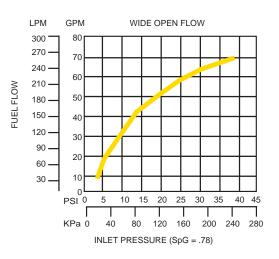
 Spout is reinforced with thick aluminum bushing that retains spout spring and keeps spout from rounding-in: the two leading causes of clicking off and splash-back spillage.

New Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
749338N^	with Three Notch Hold Open Clip and Spout Bushing	, Waffle Splash Guard 4.5 (2.0)
1108738N^	with Three Notch Hold Open Clip and Spout Bushing, Nickel Plated	

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel
Inlet	1" / 25.4 mm BSPP







-20 HIGH VOLUME FUELING



Automatic shut-off nozzle with metal handguard for truck stop and other high volume full-service, self-service and unattended stations.

Dimensions and System Options

BSPP Safe-T-Breaks®

MODEL NO.	DESCRIPTION
003076	1" F x 1" F Reconnectable Safe-T-Break®
003076A	1" F x 1" F Reconnectable Safe-T-Break® - Atex
006914	1" F x 1" F Non-Reconnectable Safe-T-Break®

BSPP Swivels

MODEL NO.	DESCRIPTION
003306	1" M x 1" F Multi-Plane Swivel
006949	1" M x 1" F Multi-Plane High Flow Swivel

BSPP Swivel/Safe-T-Break® Combos

MODEL NO.	DESCRIPTION
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

Spouts

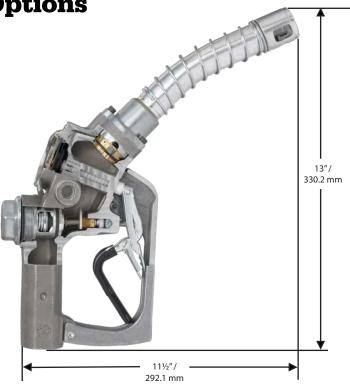
MODEL NO	MODEL NO. DESCRIPTION	
002279	Complete Spout Assembly Kit with Bushing	
005017	Complete Spout Assembly Kit without Bushing	
003589	Complete Long Spout Assembly with Spout Bushing	
011043	Complete Spout Assembly without Bushing and Small Spout Spring	

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
006645	Plunger Assembly Lift Tool



Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005516	Full Grip Reguard
005494	Lever Guard
008178	POPD [®] EZH Nozzle Guard
008177	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008186	POPD [®] H Full Grip Guard
008193	POPD [®] H Full Grip Reguard
008168	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
007352	POPD [®] S Full Grip Guard
008194	POPD [®] S Full Grip Reguard
008167	POPD [®] S Mate Guard
001808	Waffle Splash Guard



1HSS Nozzles



Pressure activated, automatic shut-off nozzle with polymer handguard for dispensing up to 25 gpm / 94.6 Lpm.

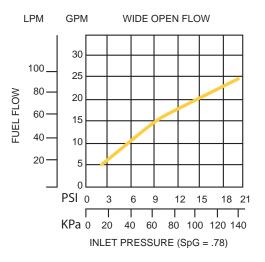
- 1HSS nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.
 the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Comes standard with smooth full grip guard.
- Optional EZ Lever and tilt
 poppet:
- two piece lever design cuts opening force in half.
 maximizes "to-thepenny" dispensing.
- ADA compliant.



MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1217110	with Three Notch Hold Open Clip	3.4 (1.5)
1217165	with Three Notch Hold Open Clip Guard	and Waffle Splash 3.4 (1.5)
1437710N^	with Two Notch Hold Open Clip, E Poppet	Z Lever and Tilt 3.4 (1.5)
		^ NOT LISTED

Construction

Body	Die cast aluminum body with high impact polymer hand guard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT and BSPP



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WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov





1HSS Noz

Pressure activated, automatic shut-off nozzle with polymer handguard for dispensing up to 25 gpm / 94.6 Lpm.

Dimensions and System Options

Safe-T-Breaks®

NO. DESCRIPTION
1" F x 1" F NPT Reconnectable Safe-T-Break®
1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®
1" F x 1" F BSPP Reconnectable Safe-T-Break®
1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex
1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®

Swivels

MODEL NO. DESCRIPTION		
000087	1" M x 1" F NPT Multi-Plane Swivel	
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel	
000095	1" M x 1" F NPT 70° Pump Swivel	
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel	
003306	1" M x 1" F BSPP Multi-Plane Swivel	
006949	1" M x 1" F BSPP Multi-Plane High Flow Swivel	

Swivel/Safe-T-Break[®] Combos

MODEL NO. DESCRIPTION		
005969	1" M NPTF Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®	
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®	
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break* - Atex	

Spouts

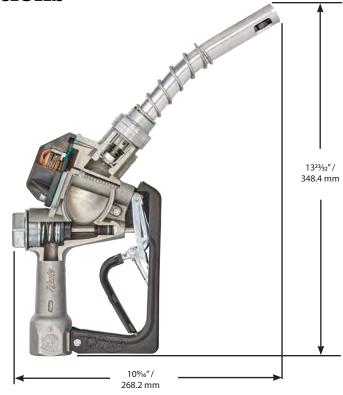
MODEL NO	DESCRIPTION
005215	Heavy Duty Diesel Spout with Flo-Stop®

Pressure/Vacuum Vents

MODEL NO. DESCRIPTION		
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Accessories, Testing and Maintenance

MODEL NO. DESCRIPTION		
003593	Hold Open Clip Kit	
007089	Nozzle Service Kit	



Guards

MODEL NO	D. DESCRIPTION
000554	Full Grip Nozzle Guard
001804	Full Grip Nozzle Reguard
005494	Lever Guard
007376	Mate Handle Cover
000226	Mate Nozzle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
008170	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Guard
000099	Protection Package
001811	Reguard Package
001808	Waffle Splash Guard



1HSS Nozzles



Pressure activated, automatic shut-off nozzle with metal handguard for dispensing up to 25 gpm / 94.6 Lpm.

- 1HSS nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 the lever is opened before the pump is
 - turned on. - the leak detector has not completed the test cycle.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

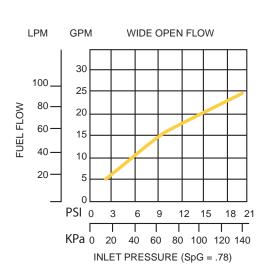
• Comes standard with smooth full grip guard.

New Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1217410	with Three Notch Hold Open Clip	3.4 (1.5)
12174240	with Single Notch Hold Open Clip	3.4 (1.5)

Construction

Body	Die cast aluminum with metal hand guard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT & BSPP





HIGH VOLUME FUELING

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1HSS No

Pressure activated, automatic shut-off nozzle with metal handguard for dispensing up to 25 gpm / 94.6 Lpm.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO	. DESCRIPTION
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®

Swivels

MODEL	MODEL NO. DESCRIPTION		
000087	1" M x 1" F NPT Multi-Plane Swivel		
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel		
000095	1" M x 1" F NPT 70° Pump Swivel		
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel		
003306	1" M x 1" F BSPP Multi-Plane Swivel		
006949	1" M x 1" F BSPP Multi-Plane High Flow Swivel		

Swivel/Safe-T-Break® Combos

MODEL NO. DESCRIPTION	
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break* - Atex

Spouts

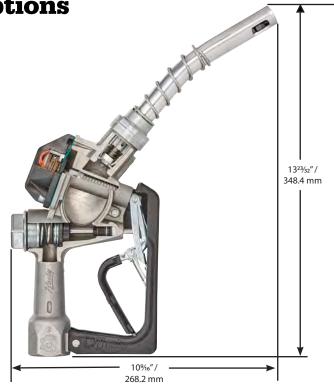
MODEL NO. DESCRIPTION	
005215	Heavy Duty Diesel Spout with Flo-Stop®

Pressure/Vacuum Vents

MODEL NO. DESCRIPTION		
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Accessories, Testing and Maintenance

MODEL NO. DESCRIPTION		
003593	Hold Open Clip Kit	
007089	Nozzle Service Kit	



Guards

MODEL NO). DESCRIPTION
000554	Full Grip Nozzle Guard
001804	Full Grip Nozzle Reguard
005494	Lever Guard
007295	Mate Handle Cover
000226	Mate Nozzle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
008170	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Guard
000099	Protection Package
001811	Reguard Package
001808	Waffle Splash Guard



1HSS CW Nozzle



HIGH VOLUME FUELING

Pressure activated, automatic shut-off nozzle with polymer handguard for dispensing up to 25 gpm / 94.6 Lpm.

- 1HSS nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Contains a poppet disc seal, rated at -40° F/C to prevent fuel leakage from the main seal in extreme cold weather.

 Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

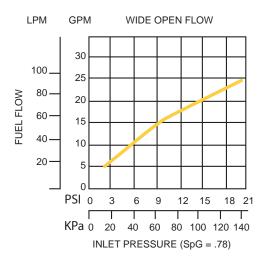
Comes standard with smooth full grip guard.

New Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1399910	with Three Notch Hold Open Clip	3.4 (1.5)

Construction

Body	Die cast aluminum body with high impact polymer hand guard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT and BSPP







Husky LENERAL FUELING PRODUCTS 1HISS CW NOZZIES

Pressure activated, automatic shut-off nozzle with polymer handguard for dispensing up to 25 gpm / 94.6 Lpm.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO	. DESCRIPTION
002276	1" F x 1" F NPT Reconnectable Safe-T-Break®
005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®
003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®
003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®

Swivels

MODEL NO	MODEL NO. DESCRIPTION		
000087	1" M x 1" F NPT Multi-Plane Swivel		
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel		
000095	1" M x 1" F NPT 70° Pump Swivel		
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel		
003306	1" M x 1" F BSPP Multi-Plane Swivel		
006949	1" M x 1" F BSPP Multi-Plane High Flow Swivel		

Swivel/Safe-T-Break® Combos

MODEL NO. DESCRIPTION	
005969	1" M NPTF Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break* - Atex

Spouts

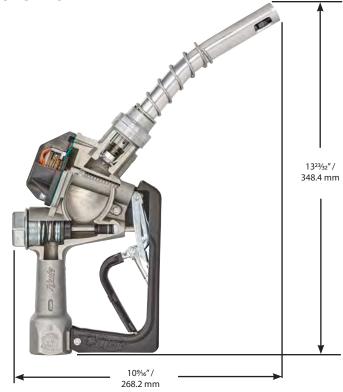
MODEL NO. DESCRIPTION	
005215	Heavy Duty Diesel Spout with Flo-Stop®

Pressure/Vacuum Vents

MODEL NO. DESCRIPTION		
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Accessories, Testing and Maintenance

MODEL NO. DESCRIPTION		
003593	Hold Open Clip Kit	
007089	Nozzle Service Kit	



Guards

MODEL NO	D. DESCRIPTION
000554	Full Grip Nozzle Guard
001804	Full Grip Nozzle Reguard
005494	Lever Guard
007376	Mate Handle Cover
000226	Mate Nozzle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
008170	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Guard
000099	Protection Package
001811	Reguard Package
001808	Waffle Splash Guard



1HSS CW Nozzles



HIGH VOLUME FUELING

Pressure activated, automatic shut-off nozzle with metal handguard for dispensing up to 25 gpm / 94.6 Lpm.

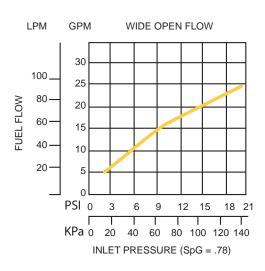
- 1HSS nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.
 the lever is opened before the pump is
- turned on. - the leak detector has not completed the test cycle.
- Contains a poppet disc seal, rated at -40° F/C to prevent fuel leakage from the main seal in extreme cold weather.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Comes standard with smooth full grip guard.

New Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1400110	with Three Notch Hold Open Clip	3.4 (1.5)

Construction

Body	Die cast aluminum with metal hand guard	
Seals	Fluorocarbon	
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$	
Lever	One piece contoured steel with hard plastic cover	
Inlet	1" / 25.4 mm NPT & BSPP	







Husky General fueling products 1HSS CW Nozzles

Pressure activated, automatic shut-off nozzle with metal handguard for dispensing up to 25 gpm / 94.6 Lpm.

Dimensions and System Options

Safe-T-Breaks®

002276 1" F x 1" F NPT Reconnectable Safe-T-Break® 005812 1" F x 1" F NPT Non-Reconnectable Safe-T-Break® 006301 1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break® 005231 1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break® 003076 1" F x 1" F BSPP Reconnectable Safe-T-Break® 003076A 1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex 006914 1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®	MODEL NO	. DESCRIPTION
006301 1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break® 005231 1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break® 003076 1" F x 1" F BSPP Reconnectable Safe-T-Break® 003076A 1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex	002276	1" F x 1" F NPT Reconnectable Safe-T-Break®
005231 1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break® 003076 1" F x 1" F BSPP Reconnectable Safe-T-Break® 003076A 1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex	005812	1" F x 1" F NPT Non-Reconnectable Safe-T-Break®
003076 1" F x 1" F BSPP Reconnectable Safe-T-Break® 003076A 1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex	006301	1" F x 1" F NPT Non-Reconnectable PCC Safe-T-Break®
003076A 1" F x 1" F BSPP Reconnectable Safe-T-Break* - Atex	005231	1" F x 1" F NPT Low Pull Reconnectable Safe-T-Break®
	003076	1" F x 1" F BSPP Reconnectable Safe-T-Break®
006914 1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®	003076A	1" F x 1" F BSPP Reconnectable Safe-T-Break® - Atex
	006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®

Swivels

MODEL NO. DESCRIPTION			
000087	1" M x 1" F NPT Multi-Plane Swivel		
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel		
000095	1" M x 1" F NPT 70° Pump Swivel		
003395	1" M x 1" F NPT Multi-Plane Restricted Swivel		
003306	1" M x 1" F BSPP Multi-Plane Swivel		
006949	1" M x 1" F BSPP Multi-Plane High Flow Swivel		

Swivel/Safe-T-Break® Combos

MODEL NO. DESCRIPTION		
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®	
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®	
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break* - Atex	

Spouts

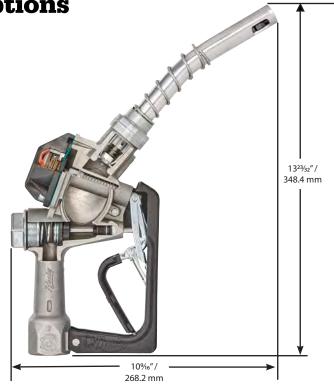
MODEL NO. DESCRIPTION		
005215	Heavy Duty Diesel Spout with Flo-Stop®	

Pressure/Vacuum Vents

MODEL NO. DESCRIPTION		
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Accessories, Testing and Maintenance

MODEL NO. DESCRIPTION		
003593	Hold Open Clip Kit	
007089	Nozzle Service Kit	



Guards

MODEL NO	D. DESCRIPTION
000554	Full Grip Nozzle Guard
001804	Full Grip Nozzle Reguard
005494	Lever Guard
007295	Mate Handle Cover
000226	Mate Nozzle Guard
008180	POPD [®] EZH Nozzle Guard
008179	POPD [®] EZS Nozzle Guard
007999	POPD [®] H Clear Cover
008183	POPD [®] H Full Grip Guard
008190	POPD [®] H Full Grip Reguard
008170	POPD [®] H Mate Guard
006628	POPD [®] S Clear Cover
006655	POPD [®] S Full Grip Guard
007210	POPD [®] S Full Grip Reguard
008169	POPD [®] S Mate Guard
000099	Protection Package
001811	Reguard Package
001808	Waffle Splash Guard





Vapor Recovery Nozzles



V34iSA DP Nozzles



VAPOR RECOVERY

Pressure activated, automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

- V34iSA Nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.the lever is opened
- before the pump is turned on.
- the leak detector has not completed the test cycle.
- Strong vapor valve in the nozzle that is mechanically operated by the on-off action of the nozzle's lever.
- Nozzle Models 7345041N and 7345041A are equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter flow and less splash back spillage.

- Nozzle is equipped with a double poppet for precise, slow-flow, to-the-penny dispensing.
- Husky[®] vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.
- Uses conventional spout without spout ring and aluminum vapor escape guard.
- Vapor assist is achieved at the body end of the spout where a vapor ring captures emissions.

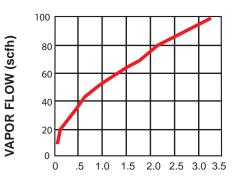
New Unleaded Nozzles

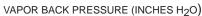
MODEL NO.	DESCRIPTION SHIPPI	NG WEIGHT LBS (KG)
7345021N^	with High Flow Double Poppet and Two No Hold Open Clip, without Attitude Device	otch 4.0 (1.8)
7345041N^	with High Flow Double Poppet and Two No Hold Open Clip	otch 4.0 (1.8)
7345041A*	with High Flow Double Poppet and Two N Hold Open Clip - Atex	lotch 4.0 (1.8)
11560021N^	with High Flow Double Poppet, Two Notch Hold Open Clip and Cold Weather Seals	1 4.0 (1.8)

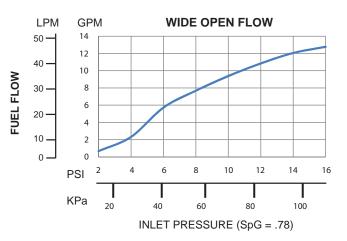
^ NOT LISTED

Construction

Body	Aluminum	
Seals	Fluorocarbon	
Packing	Fiber reinforced Teflon®	
Lever	One piece contoured steel with hard plastic cover	
Inlet	M34 x 1.5	









WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



Pressure activated, automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks[®]

MODEL NO.	DESCRIPTION
004034	Reconnectable Safe-T-Break®
004034A	Reconnectable Safe-T-Break [®] - Atex
006210	Non-Reconnectable Safe-T-Break®
005134A	Non-Reconnectable Safe-T-Break® - Atex
010513	Non-Reconnectable Safe-T-Break® - Shearpin

Swivels

MODEL NO.	DESCRIPTION
004605	Inverted Vapor Assist Swivel
004605A	Inverted Vapor Assist Swivel

Pressure/Vacuum Vents

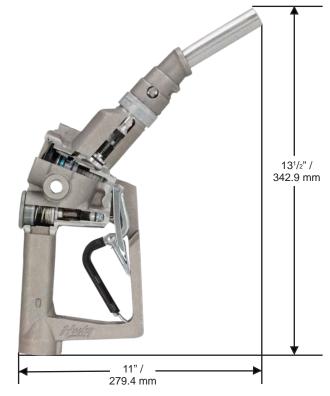
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
005233	O-ring Replacement Kit
000397	Unleaded Spout Gauge
005837	Vapor Assist Flo-Equalizer®

Guards

MODEL NO.	DESCRIPTION
006951	Full Grip Guard
004231	Full Grip Reguard
005494	Lever Guard
007999	POPD [®] H Clear Cover
008184	POPD [®] H Full Grip Guard
008191	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006660	POPD [®] S Full Grip Guard
007220	POPD [®] S Full Grip Reguard







V34SK DP SG Nozzles



VAPOR RECOVERY

Pressure activated, automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

- V34SK Nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.the lever is opened
- before the pump is turned on.
- the leak detector has not completed the test cycle.
- Strong vapor valve in the nozzle that is mechanically operated by the on-off action of the nozzle's lever.
- Nozzles are equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Sightglass on nozzle allows customer to see fuel flow through nozzle.
- StreamShaper® reduces turbulence for straighter flow and less splash back spillage.

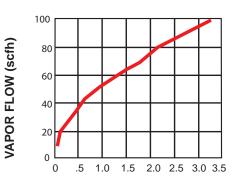
- Nozzle is equipped with a double poppet for precise, slow-flow, to-the-penny dispensing.
- Husky[®] vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.
- Uses conventional spout with spout ring and soft vapor escape guard.
- Vapor assist is achieved at the body end of the spout where a vapor ring captures emissions.

New Unleaded Nozzles

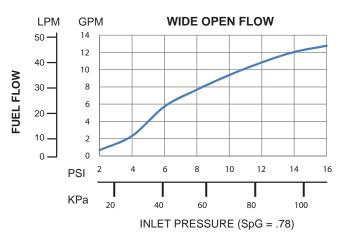
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
E12111170N^	with High Flow Double Poppet a Hold Open Clip	and Two Notch 4.0 (1.8)
		^ NOT LISTED

Construction

Body	Aluminum w/reinforced polymer handguard	
Seals	Fluorocarbon	
Packing	Fiber reinforced Teflon®	
Lever	One piece contoured steel with hard plastic cover	
Inlet	1-1/4″ - 18	









Rev 5 12/19

Pressure activated, automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks[®]

MODEL NO.	DESCRIPTION
006560	Reconnectable ORVR Safe-T-Break®

Spouts

MODEL NO.	DESCRIPTION
012115	Complete V34SK Spout Assembly Kit - Unleaded

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
005233	O-ring Replacement Kit
000397	Unleaded Spout Gauge
012113	Vapor Splash Guard Clamp
012118	V34SK A/L Spout Adaptor
012114	V34SK Vapor Splash Guard (VSG) with Clamp

Guards

MODEL NO.	DESCRIPTION
006951	Full Grip Guard
004231	Full Grip Reguard
005494	Lever Guard
007999	POPD® H Clear Cover
008184	POPD [®] H Full Grip Guard
008191	POPD® H Full Grip Reguard
006628	POPD [®] S Clear Cover
006660	POPD [®] S Full Grip Guard
007220	POPD [®] S Full Grip Reguard





V34 Nozzles



VAPOR RECOVERY

Pressure activated, automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

- V34 Nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.
- the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Strong vapor valve in the nozzle that is mechanically operated by the on-off action of the nozzle's lever.
- Streamshaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Husky® vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.
- Nozzle spout is covered by a one year warranty.

- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Uses conventional spout with spout ring and soft vapor escape guard.
- Vapor assist achieved at the body end of the spout where a vapor ring catches emissions.
- Optional EZ Lever:

 two piece design cuts opening force in half
 easier "to-the-penny" dispensing
 ADA compliant



New Unleaded Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
6250041	with Three Notch Hold Open Clip	4.0 (1.8)
6250041A*	with Three Notch Hold Open Clip	- Atex 4.0 (1.8)
6250241	with Three Notch Hold Open Clip	and Sightglass 4.0 (1.8)
6250941	with Three Notch Hold Open Clip	and POPD [®] Full Grip
	Guard	4.0 (1.8)
6250431	with Single Notch Hold Open Clip	4.0 (1.8)
6250891	with Single Notch Hold Open Clip	and POPD [®] Full Grip
	Guard	4.0 (1.8)
6250081	without Hold Open Clip	4.0 (1.8)
11996041	with Two Notch Hold Open Clip a	nd EZ Lever 4.0 (1.8)

Rebuilt Unleaded Nozzles

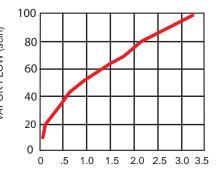
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LB	S (KG)
6254041	with Three Notch Hold Open Clip	3.	7 (1.6)
6254241	with Three Notch Hold Open Clip	and Sightglass 3.	7 (1.6)
6254081	without Hold Open Clip	3.	7 (1.6)

Construction

Body	One piece die cast aluminum	
Seals	Fluorocarbon	
Packing	Fiber reinforced Teflon®	
Lever	One piece contoured steel with hard plastic cover	
Inlet	M34 x 1.5	

TUEL FLOW





VAPOR BACK PRESSURE (INCHES H₂O)

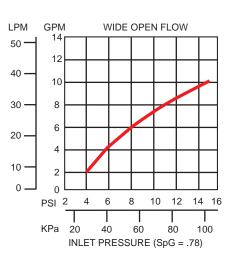
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WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov





V34 N $\mathbf{0}\mathbf{7}$

Pressure activated, automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks[®]

MODEL NO.	DESCRIPTION
004034	Reconnectable Safe-T-Break®
004034A	Reconnectable Safe-T-Break [®] - Atex
006210	Non-Reconnectable Safe-T-Break*
005134A	Non-Reconnectable Safe-T-Break [®] - Atex
010513	Non-Reconnectable Safe-T-Break [®] - Shearpin

Swivels

MODEL NO.	DESCRIPTION
004605	Inverted Vapor Assist Swivel
004605A	Inverted Vapor Assist Swivel - Atex

Spouts

MODEL NO.	DESCRIPTION
006291	Complete Spout Assembly Kit - Unleaded
006391	Unleaded Spout

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
006941	Adaptor, Conventional Fueling to 3/4"
004360	Air/Liquid Spout Adaptor
003593	Hold Open Clip Kit
004335	O-ring, Air/Liquid Test Spout Adaptor
005233	O-ring Kit
007089	Nozzle Service Kit
005260	Tool for dry Air/Liquid Test
000397	Unlead Spout Gauge
005837	Vapor Assist Flo-Equalizer®
004000	Vapor Splash Guard (VSG) with Clamp
004039	Vapor Splash Guard Clamp
006497	VSG Clamp Tool
010073	Waffle VSG with Clamp (single notch V34)
010076	Waffle VSG without Clamp (single notch V34)



Guards

MODEL NO.	DESCRIPTION
006951	Full Grip Guard
004231	Full Grip Reguard
005494	Lever Guard
007999	POPD [®] H Clear Cover
008184	POPD [®] H Full Grip Guard
008191	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006660	POPD [®] S Full Grip Guard
007220	POPD [®] S Full Grip Reguard



V34 Coax Nozzles



Pressure activated, automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

- V34 Nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.
- the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Strong vapor valve in the nozzle that is mechanically operated by the on-off action of the nozzle's lever.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Uses a coaxial spout with spout ring and has large vapor-capturing holes at the end of the spout.
- Nozzle spout is covered by a one year warranty.

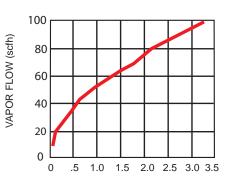
New Unleaded Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGH	T LBS (KG)
6200041	with Coaxial Spout and Th	ree Notch Hold Open Clip	4.0 (1.8)
14229041N^		n Coaxial Spout, Two Notch Hold Open Clip, EZ Lever	
	and Tokheim Polymer Han	bguard	4.0 (1.8)
			^Not Listed

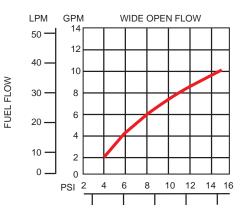
Construction

Body	One piece die cast aluminum	
Seals	Fluorocarbon	
Packing	Fiber reinforced Teflon®	
Lever	One piece contoured steel with hard plastic cover	
Inlet	M34 x 1.5	





VAPOR BACK PRESSURE (INCHES H₂O)





WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Coax GENERAL FUELING PRODUCTS

Pressure activated, automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
004034	Reconnectable Safe-T-Break®
006210	Non-Reconnectable Safe-T-Break®
010513	Non-Reconnectable Safe-T-Break [®] - Shearpin

Swivels

MODEL NO.	DESCRIPTION
004605	Inverted Vapor Assist Swivel

Spouts

MODEL NO.	DESCRIPTION
008642	Complete Spout Assembly Kit - Unleaded

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

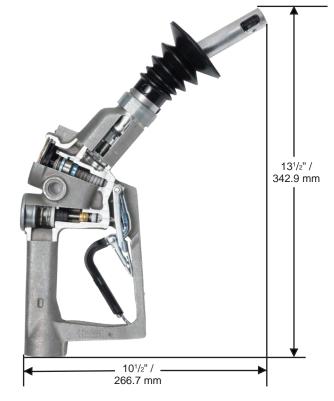
Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
004360	Air/Liquid Spout Adaptor
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
005233	O-ring Kit
005260	Tool for dry Air/Liquid Test
000397	Unlead Spout Gauge
005837	Vapor Assist Flo-Equalizer®
004000	Vapor Splash Guard (VSG) with Clamp
004039	Vapor Splash Guard Clamp
006497	VSG Clamp Tool

Guards

MODEL NO.	DESCRIPTION
006951	Full Grip Guard
004231	Full Grip Reguard
005494	Lever Guard
007999	POPD [®] H Clear Cover
008184	POPD [®] H Full Grip Guard
008191	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006660	POPD [®] S Full Grip Guard
007220	POPD [®] S Full Grip Reguard







Pressure activated, automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

- V34 nozzle shuts off when the gas tank is full.
- Strong vapor valve in the nozzle that is mechanically operated by the on-off action of the nozzle's lever.
- Streamshaper[®] reduces turbulence for straighter fuel flow and less splash back spillage.
- Husky[®] vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.
- · Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Uses conventional spout with spout ring and soft vapor escape guard.
- Vapor assist achieved at the body end of the spout where a vapor ring catches emissions.
- Nozzle spout is covered by a one year warranty.

New Unleaded Nozzles

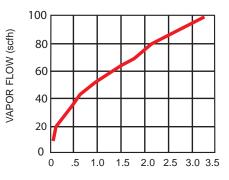
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	LBS (KG)
6252041	with Double Poppet and Two No	tch Hold Open Clip	4.0 (1.8)
6252041A*	with Double Poppet and Two No Atex	tch Hold Open Clip -	4.0 (1.8)
6252931A*	with High Flow Double Poppet a Open Clip - Atex	nd Two Notch Hold	4.0 (1.8)

Rebuilt Unleaded Nozzles

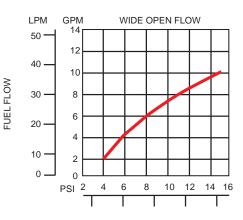
MODEL NO.	DESCRIPTION	SHIPPING WEIG	HT LBS (KG)
6254041	with Three Notch Hold Open Clip		3.7 (1.6)
6254241	with Three Notch Hold Open Clip	and Sightglass	3.7 (1.6)
6254081	without Hold Open Clip		3.7 (1.6)

Construction

Body	Aluminum	
Seals	Fluorocarbon	
Packing	Fiber reinforced Teflon®	
Lever	One piece contoured steel with hard plastic cover	
Inlet	M34 x 1.5	



VAPOR BACK PRESSURE (INCHES H₂O)













DPM

Pressure activated, automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
004034	Reconnectable Safe-T-Break®
006210	Non-Reconnectable Safe-T-Break®
010513	Non-Reconnectable Safe-T-Break [®] - Shearpin

Swivels

MODEL NO.	DESCRIPTION
004605	Inverted Vapor Assist Swivel
004605A	Inverted Vapor Assist Swivel - Atex

Spouts

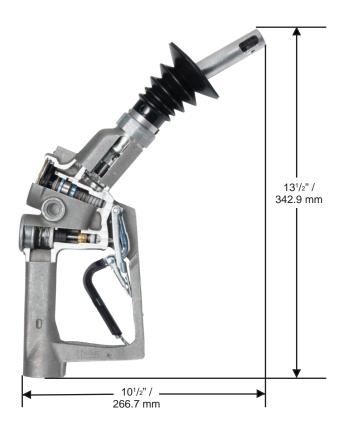
_	
MODEL NO.	DESCRIPTION
006291	Complete Spout Assembly Kit - Unleaded
006391	Unleaded Spout

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
004360	Air/Liquid Spout Adaptor
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
005233	O-ring Kit
005260	Tool for dry Air/Liquid Test
000397	Unlead Spout Gauge
005837	Vapor Assist Flo-Equalizer®
004000	Vapor Splash Guard (VSG) with Clamp
004039	VSG Clamp
006497	VSG Clamp Tool



Guards

MODEL NO.	DESCRIPTION
006951	Full Grip Guard
004231	Full Grip Reguard
005494	Lever Guard
007999	POPD® H Clear Cover
008184	POPD [®] H Full Grip Guard
008191	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006660	POPD [®] S Full Grip Guard
007220	POPD [®] S Full Grip Reguard





34 ORVR NOZZE



Pressure activated, automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

- V34 Nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.
- the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Nozzle designed for the Veeder-Root® 900301 and VST Enviro-Loc[®] primary hose with ORVR valve.
- Strong vapor valve in the nozzle that is mechanically operated by the on-off action of the nozzle's lever.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

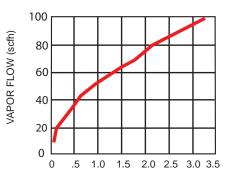
- StreamShaper[®] reduces turbulence for straighter flow and less splash back spillage.
- Uses conventional spout with spout ring and soft vapor escape guard.
- Husky[®] vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.
- · Vapor assist achieved at the body end of the spout where a vapor ring catches emissions.

New Unleaded Nozzles

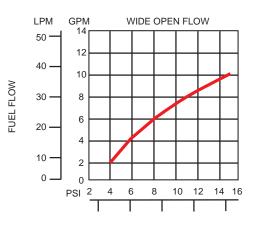
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
6536041	with Three Notch Hold Open Clip	4.0 (1.8)

Construction

Body	Aluminum	
Seals	Fluorocarbon	
Packing	Fiber Reinforced Teflon®	
Lever	One Piece Contoured Steel with hard plastic cover	
Inlet	11⁄4″ - 18	



VAPOR BACK PRESSURE (INCHES H₂O)





WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



Texas Commission on Environmental Quality

34 ORVR Nozz GENERAL FUELING PRODUCTS

Pressure activated, automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks[®]

MODEL NO.	DESCRIPTION
006560	Reconnectable ORVR Safe-T-Break®

Spouts

MODEL NO.	DESCRIPTION
006663	Complete Spout Assembly Kit - Unleaded
006391	Unleaded Spout

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
004360	A/L Spout Adaptor
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
005233	O-ring Replacement Kit
006656	ORVR Vapor Splash Guard (VSG) with Clamp
005260	Tool For Dry A/L Test
005837	Vapor Assist Flo-Equalizer®
004039	Vapor Splash Guard Clamp
006497	VSG Clamp Tool

Guards

MODEL NO.	DESCRIPTION
006951	Full Grip Guard
004231	Full Grip Reguard
005494	Lever Guard
007999	POPD® H Clear Cover
008184	POPD [®] H Full Grip Guard
008191	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006660	POPD [®] S Full Grip Guard
007220	POPD [®] S Full Grip Reguard







V34i Nozzles



VAPOR RECOVERY

Automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

- V34i Nozzle shuts off when the gas tank is full.
- Strong vapor valve in the nozzle that is mechanically operated by the on-off action of the nozzle's lever.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter flow and less splash back spillage.
- Uses conventional spout with spout ring and soft vapor escape guard.

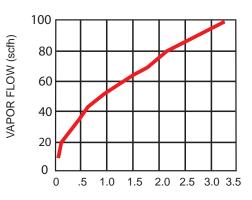
- Husky* vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.
- Vapor assist achieved at the body end of the spout where a vapor ring catches emissions.
- Nozzle spout is covered by a one year warranty.

New Unleaded Nozzles

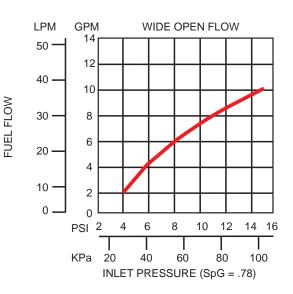
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
6670041N^	with Two Notch Hold Open Clip	4.0 (1.8)
6670041A*	with Two Notch Hold Open Clip -	Atex 4.0 (1.8)
		^ NOT LISTED

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	M34 x 1.5



VAPOR BACK PRESSURE (INCHES H₂O)



* EN 13012 CONTRACTOR TO THE TOT THE

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



V34i Nozzles

Automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks[®]

MODEL NO.	DESCRIPTION
004034	Reconnectable Safe-T-Break®
004034A	Reconnectable Safe-T-Break [®] - Atex
006210	Non-Reconnectable Safe-T-Break®
005134A	Non-Reconnectable Safe-T-Break® - Atex
010513	Non-Reconnectable Safe-T-Break® - Shearpin

Swivels

MODEL NO.	DESCRIPTION
004605	Inverted Vapor Assist Swivel
004605A	Inverted Vapor Assist Swivel - Atex

Pressure/Vacuum Vents

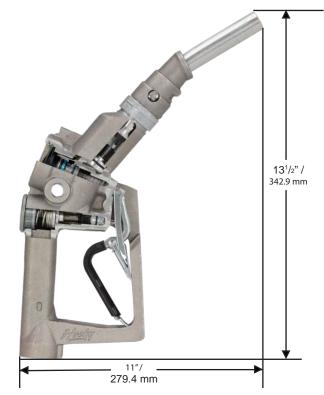
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
005233	O-ring Kit
000397	Unleaded Spout Gauge
005837	Vapor Assist Flo-Equalizer®

Guards

MODEL NO.	DESCRIPTION
006951	Full Grip Guard
004231	Full Grip Reguard
005494	Lever Guard
007999	POPD [®] H Clear Cover
008184	POPD [®] H Full Grip Guard
008191	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006660	POPD [®] S Full Grip Guard
007220	POPD [®] S Full Grip Reguard







V34i DP Nozzles



Automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

- V34i nozzle shuts off when the gas tank is full.
- Strong vapor valve in the nozzle that is mechanically operated by the on-off action of the nozzle's lever.
- StreamShaper® reduces turbulence for straighter flow and less splash back spillage.
- Nozzle is equipped with a double poppet for precise, slow-flow, to-the-penny dispensing.
- Husky[®] vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.

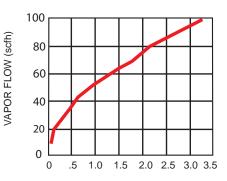
- Uses conventional spout without spout ring and aluminum vapor escape guard.
- Vapor assist is achieved at the body end of the spout where a vapor ring captures emissions.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

New Unleaded Nozzles

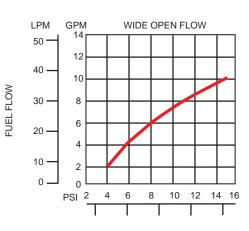
DESCRIPTION	SHIPPING WEIGHT LBS (KG)
with Double Poppet, and Three N	lotch Hold Open Clip -
Atex	4.0 (1.8)
with High Flow Double Poppet, a	nd Three Notch Hold
Open Clip - Atex	4.0 (1.8)
with High Flow Double Poppet, w	vithout Three Notch
Hold Open Clip - Atex	4.0 (1.8)
	with Double Poppet, and Three N Atex with High Flow Double Poppet, a Open Clip - Atex with High Flow Double Poppet, w

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel with hard plastic cover
Inlet	M34 x 1.5



VAPOR BACK PRESSURE (INCHES H₂O)



* EN 13012 CENTIFIED CENTIFIED

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



V34i DP Nozzles

Automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

DESCRIPTION
Reconnectable Safe-T-Break®
Non-Reconnectable Safe-T-Break®
Non-Reconnectable Safe-T-Break [®] - Shearpin
-

Swivels

MODEL NO.	DESCRIPTION
004605	Inverted Vapor Assist Swivel
004605A	Inverted Vapor Assist Swivel - Atex

Pressure/Vacuum Vents

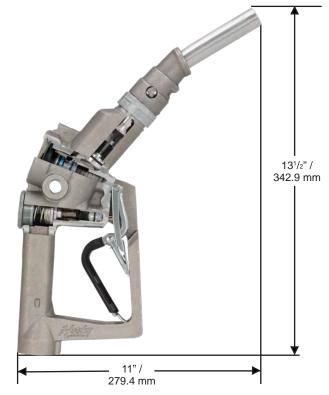
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
005233	O-ring Replacement Kit
000397	Unleaded Spout Gauge
005837	Vapor Assist Flo-Equalizer®

Guards

MODEL NO.	DESCRIPTION
006951	Full Grip Guard
004231	Full Grip Reguard
005494	Lever Guard
007999	POPD [®] H Clear Cover
008184	POPD [®] H Full Grip Guard
008191	POPD® H Full Grip Reguard
006628	POPD [®] S Clear Cover
006660	POPD [®] S Full Grip Guard
007220	POPD [®] S Full Grip Reguard







V34i DP & CW Nozzles 🖉



Automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

- V34i nozzle shuts off when the gas tank is full.
- Strong vapor valve in the nozzle that is mechanically operated by the on-off action of the nozzle's lever.
- StreamShaper® reduces turbulence for straighter flow and less splash back spillage.
- Nozzle is equipped with a double poppet for precise, slow-flow, to-the-penny dispensing.
- Husky[®] vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.

- Uses conventional spout without spout ring and aluminum vapor escape guard.
- Vapor assist is achieved at the body end of the spout where a vapor ring captures emissions.

Model 8686041N

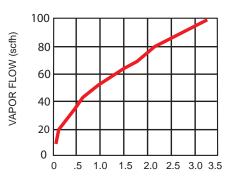
 Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

New Unleaded Nozzles

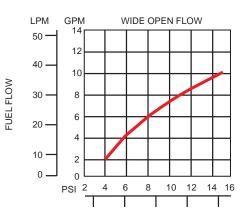
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
8686021N^	with Double Poppet, Cold Weath Hold Open Clip	er Seals and Two Notch 4.0 (1.8)
8686041N^	with Double Poppet, Cold Weath Two Notch Hold Open Clip	er Seals, Flo-Stop [®] and 4.0 (1.8)
		^ NOT LISTED

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	M34 x 1.5



VAPOR BACK PRESSURE (INCHES H₂O)





V34i DP & CW Nozzles GENERAL FUELING PRODUCTS

Automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks[®]

DESCRIPTION
Reconnectable Safe-T-Break®
Non-Reconnectable Safe-T-Break®
Non-Reconnectable Safe-T-Break® - Shearpin

Swivels

MODEL NO.	DESCRIPTION
004605	Inverted Vapor Assist Swivel

Pressure/Vacuum Vents

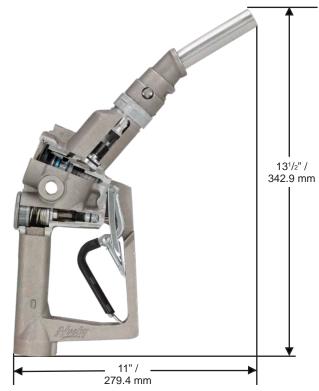
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
005233	O-ring Replacement Kit
000397	Unleaded Spout Gauge
005837	Vapor Assist Flo-Equalizer®

Guards

MODEL NO.	DESCRIPTION
006951	Full Grip Guard
004231	Full Grip Reguard
005494	Lever Guard
007999	POPD® H Clear Cover
008184	POPD [®] H Full Grip Guard
008191	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006660	POPD [®] S Full Grip Guard
007220	POPD [®] S Full Grip Reguard







V34iA DP Nozzles



VAPOR RECOVERY

Automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

- V34iA nozzle shuts off when the gas tank is full.
- Strong vapor valve in the nozzle that is mechanically operated by the on-off action of the nozzle's lever.
- StreamShaper® reduces turbulence for straighter flow and less splash back spillage.
- Nozzle is equipped with a double poppet for precise, slow-flow, to-the-penny dispensing.
- Husky[®] vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.

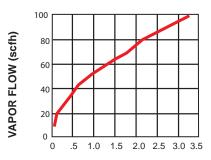
- Uses conventional spout without spout ring and aluminum vapor escape guard.
- Vapor assist is achieved at the body end of the spout where a vapor ring captures emissions.
- Nozzle spout is covered by a one year warranty.

New Unleaded Nozzles

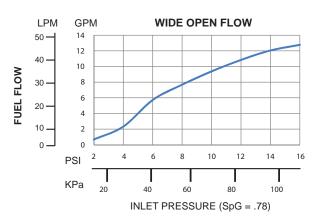
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
7320041N^	with High Flow Double Poppet a Hold Open Clip	and Two Notch 4.0 (1.8)
7320081N^	with High Flow Double Poppet, Open Clip	without Hold 4.0 (1.8)
		^ NOT LISTED

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel with hard plastic cover
Inlet	M34 x 1.5



VAPOR BACK PRESSURE (INCHES H_2O)





VAPOR RECOVERY



Automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks[®]

DESCRIPTION
Reconnectable Safe-T-Break®
Reconnectable Safe-T-Break® - Atex
Non-Reconnectable Safe-T-Break®
Non-Reconnectable Safe-T-Break® - Atex
Non-Reconnectable Safe-T-Break® - Shearpin

Swivels

MODEL NO.	DESCRIPTION
004605	Inverted Vapor Assist Swivel

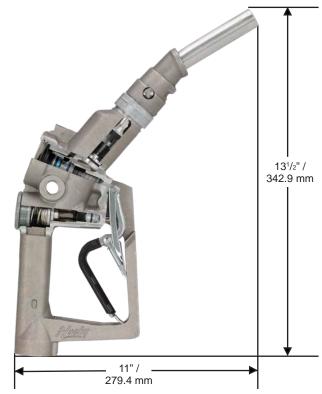
Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
005233	O-ring Replacement Kit
000397	Unleaded Spout Gauge
005837	Vapor Assist Flo-Equalizer®

MODEL NO.	DESCRIPTION
006951	Full Grip Guard
004231	Full Grip Reguard
005494	Lever Guard
007999	POPD® H Clear Cover
008184	POPD® H Full Grip Guard
008191	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006660	POPD [®] S Full Grip Guard
007220	POPD [®] S Full Grip Reguard





34iS Nozzles



VAPOR RECOVERY

Pressure activated, automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

- V34iS Nozzle shuts off when:
- the pump shuts off.
- the gas tank is full. - the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Strong vapor valve in the nozzle that is mechanically operated by the on-off action of the nozzle's lever.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper[®] reduces turbulence for straighter flow and less splash back spillage.

- Uses conventional spout with spout ring and soft vapor escape guard.
- Husky[®] vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.
- Vapor assist achieved at the body end of the spout where a vapor ring catches emissions.

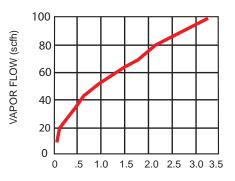
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New Unleaded Nozzles

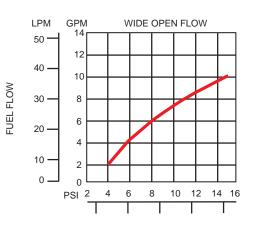
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
6675041	with Two Notch Hold Open Clip	4.0 (1.8)
6675041A*	with Two Notch Hold Open Clip -	Atex 4.0 (1.8)

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	M34 x 1.5



VAPOR BACK PRESSURE (INCHES H₂O)





VAPOR RECOVERY



V34iS Nozzles

Pressure activated, automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks[®]

MODEL NO.	DESCRIPTION
004034	Reconnectable Safe-T-Break®
004034A	Reconnectable Safe-T-Break [®] - Atex
006210	Non-Reconnectable Safe-T-Break®
005134A	Non-Reconnectable Safe-T-Break® - Atex
010513	Non-Reconnectable Safe-T-Break® - Shearpin

Swivels

MODEL NO.	DESCRIPTION
004605	Inverted Vapor Assist Swivel
004605A	Inverted Vapor Assist Swivel - Atex

Pressure/Vacuum Vents

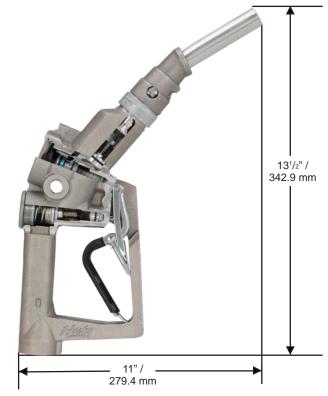
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
005233	O-ring Kit
000397	Unleaded Spout Gauge
005837	Vapor Assist Flo-Equalizer®

Guards

MODEL NO.	DESCRIPTION
006951	Full Grip Guard
004231	Full Grip Reguard
005494	Lever Guard
007999	POPD [®] H Clear Cover
008184	POPD [®] H Full Grip Guard
008191	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006660	POPD [®] S Full Grip Guard
007220	POPD [®] S Full Grip Reguard





2325 Husky Way • Pacific, MO 63069 (800) 325-3558 • Fax (636) 825-7300 www.husky.com • sales@husky.com



5-13

Pressure activated, automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

- V34iS Nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.the lever is opened
- before the pump is turned on.
- the leak detector has not completed the test cycle.
- Strong vapor valve in the nozzle that is mechanically operated by the on-off action of the nozzle's lever.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter flow and less splash back spillage.

 Nozzle is equipped with a double poppet for precise, slow-flow, to-the-penny dispensing.

34iS DP Nozzles

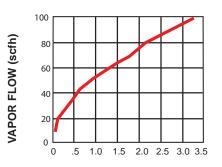
- Husky[®] vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.
- Uses conventional spout without spout ring and aluminum vapor escape guard.
- Vapor assist is achieved at the body end of the spout where a vapor ring captures emissions.

New Unleaded Nozzles

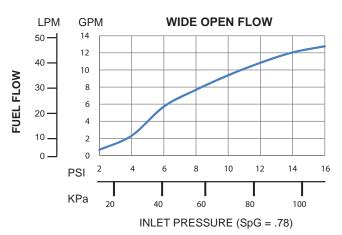
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
7345041N^	with High Flow Double Poppet a Hold Open Clip	nd Two Notch 4.0 (1.8)
7345041A*	with High Flow Double Poppet an Hold Open Clip - Atex	nd Two Notch 4.0 (1.8)
		^ NOT LISTED

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	M34 x 1.5



VAPOR BACK PRESSURE (INCHES H_2O)





VAPOR RECOVERY



Pressure activated, automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks[®]

MODEL NO.	DESCRIPTION
004034	Reconnectable Safe-T-Break®
004034A	Reconnectable Safe-T-Break [®] - Atex
006210	Non-Reconnectable Safe-T-Break®
005134A	Non-Reconnectable Safe-T-Break® - Atex
010513	Non-Reconnectable Safe-T-Break® - Shearpin

Swivels

MODEL NO.	DESCRIPTION
004605	Inverted Vapor Assist Swivel
004605A	Inverted Vaport Assist Swivel - Atex

Pressure/Vacuum Vents

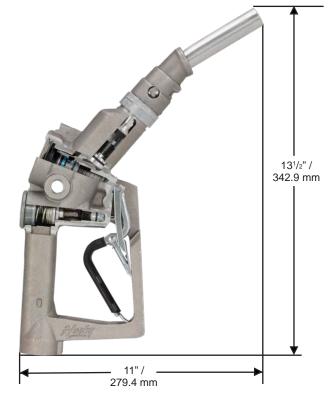
MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
005233	O-ring Replacement Kit
000397	Unleaded Spout Gauge
005837	Vapor Assist Flo-Equalizer®

Guards

MODEL NO.	DESCRIPTION
006951	Full Grip Guard
004231	Full Grip Reguard
005494	Lever Guard
007999	POPD® H Clear Cover
008184	POPD [®] H Full Grip Guard
008191	POPD [®] H Full Grip Reguard
006628	POPD [®] S Clear Cover
006660	POPD [®] S Full Grip Guard
007220	POPD [®] S Full Grip Reguard





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Ethanol Fueling Nozzles



X E85 Nozzles



Automatic shut-off nozzle for full-service and self-service stations.

- Aluminum body, spout, and internal parts are nickel plated to prevent contamination and corrosion from Ethanol blends.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Compatible with unleaded and all Ethanol blends through E-85.
- A reinforced stainless steel spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

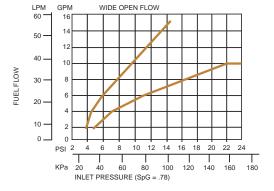
- Husky[®] X nozzle shuts off when the gas tank is full.
- Nozzle comes with smooth full grip guard.
- All seals are UL approved fluorocarbon compounds to prevent deterioration from Ethanol blends.
- New poppet seal design improves flow control and provides enhanced endurance over time.

New Unleaded Nozzles - MHG

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
659404N^	with Three Notch Hold Open Clip	2.8 (1.2)
659459N^	with Three Notch Hold Open Clip Guard	and Waffle Splash 3.0 (1.2)
659444N^	with Three Notch Hold Open Clip Guard and Flo-Equalizer®	, Waffle Splash 3.0 (1.2)
659495N^	with Three Notch Hold Open Clip Guard, Waffle Splash Guard	, POPD [®] S Full Grip 3.0 (1.2)
		^ NOT LISTED

Construction

Body	Die cast aluminum with Electroless Nickel Plating	
Seals	Fluorocarbon	
Handguard	Metal or Polymer	
Packing	Double O-ring seal protected by fiber reinforced Teflon®	
Lever	Polymer	
Inlet	¾" / 19 mm NPT	







Automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION	
006360^	¾" F x ¾" F Reconnectable E85 Safe-T-Break®	
006273	¾" F x ¾" F Non-Reconnectable E25/E85 Safe-T-Break®	
	^ NOT UL LISTED	
Swivels		
MODEL NO.	DESCRIPTION	

MODEL NO.	DESCRIPTION	
006350^	¾" M x ¾" F Multi-plane E85 Swivel	
		^ NOT UL LISTED

Spouts

MODEL NO.	DESCRIPTION
006207	Unleaded E85 Spout Assembly

Pressure/Vacuum Vents

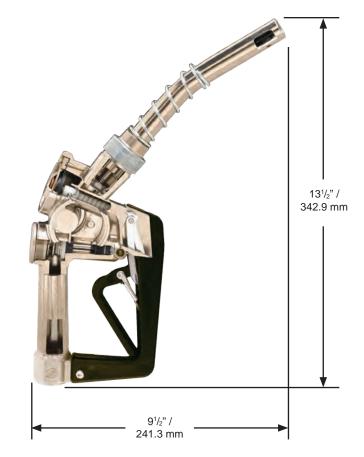
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge
-	

Guards

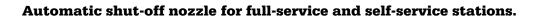
MODEL NO.	DESCRIPTION
003376	Black Handle Guard
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
006628	POPD [®] Clear Cover
006665	POPD [®] Full Grip Guard
007205	POPD [®] Full Grip Reguard
007815	POPD [®] Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard





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X E85 CW Nozzles



- Aluminum body, spout, and internal parts are nickel plated to prevent contamination and corrosion from Ethanol blends.
- Contains a poppet seal rated at -40°F/C to prevent fuel leakage from the main seal in extreme cold weather.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Compatible with unleaded and all Ethanol blends through E-85.

- A reinforced stainless steel spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Nozzle comes with smooth full grip guard
- New poppet seal improves flow control and provides enhanced endurance over time.

New Unleaded Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (K
665904N^	with Three Notch Hold Open Clip	2.5 (1
665964N^	with Three Notch Hold Open Clip Guard	an Re Splash 2.5 (1
665954N^	with Three Notch Hold Open	o-Eor ver* 2.5 (1
665944N^	with Three Notch Hold Open C Guard and Flo-Equalizer	5 (1 Lis
Constru	ction	LIS
Body	One piece di cal	
Seals	Fluoroc	
Packing	Dov ing seal protected	inforced Teflon®
Lever	opt steel	
Inlet	3/4	•
0	0 PSI 2 4 6 8 10 12 14	16 18 20 22 24
	KPa 20 40 60 80 10	0 120 140 160 180

GENERAL FUELING PRODUCTS

X E85 CW Nozzles GENERAL FUELING PRODUCTS

Automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks[®]

MODEL NO.	DESCRIPTION	
006360^	¾" F x ¾" F Reconnectable E85 Safe-T-Break®	
006273	¾" F x ¾" F Non-Reconnectable E85 Safe-T-Break®	
		^ NOT LISTED
Swivel	5	
MODEL NO.	DESCRIPTION	
006350^	¾" M x ¾" F Multi-plane E85 Swivel	

^ NOT LISTED

Spouts

MODEL NO.	DESCRIPTION
006207	X, XS [®] E85 Spout Assy with StreamShaper [®]

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Inte

Accessories, Testing and M

MODEL NO.	DESCRIPTION	
003593	Hold Open Clip Kit	
007490	Internal Flo-Equalizer [®] - 10 g	
007089	Nozzle Service Kit	
000397	Unleaded Spout	

Guards

MODEL NO.	DESCRIPTION	
003376	Gua	
004145	u.	
001806	il G.	
005494	Gua	
003440	v-on e	
003795		
006628	PO. over	
006665	POPD [®] Full Grip Guard	
007205	POPD [®] Full Grip Reguard	
007815	POPD [®] Mate Guard	
001506	Protection Package	
001809	Reguard Protection Package	
001808	Waffle Splash Guard	

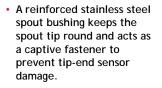


9¹/₂" / 241.3 mm



13¹/₂" / 342.9 mm Pressure activated, automatic shut-off nozzle for full-service, self-service and unattended stations.

- XS[®] E85 Nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- Aluminum body, spout, and internal parts are nickel plated to prevent contamination and corrosion • All seals are UL approved from Ethanol blends.
- StreamShaper[®] reduces • turbulence for straighter fuel flow and less splash back spillage.
- Compatible with unleaded • and all Ethanol blends through E-85.
- Nozzle comes with smooth full grip guard.



- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- fluorocarbon compounds to prevent deterioration from Ethanol blends.
- New poppet seal design improves flow control and provides enhanced endurance over time.

New Unleaded Nozzles - MHG

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	LBS (KG)
659504	with Three Notch Hold Open Clip		3.0 (1.3)
659508	without Three Notch Hold Open C	lip	3.0 (1.3)
659559	with Three Notch Hold Open Clip Guard	and Waffle Splash	2.9 (1.3)
659589	with Single Notch Hold Open Clip, Guard and Waffle Splash Guard	POPD [®] S Full Grip	3.0 (1.3)
6595100N^	with Three Notch Hold Open Clip, Guard, Waffle Splash Guard and S		3.0 (1.3)
6595119	with Three Notch Hold Open Clip Grip Guard	and POPD® H Full	3.0 (1.3)
6595146	with Three Notch Hold Open Clip, Guard and Waffle Splash Guard	POPD [®] H Full Grip	3.0 (1.3)
6595179	with Single Notch Hold Open Clip Splash Guard	and Waffle	3.0 (1.3)
6595181	with Three Notch Hold Open Clip, Guard and 1807 Waffle Splash Gua		3.0 (1.3)
		^ N(OT LISTED

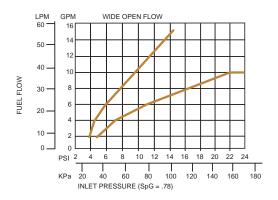
GENERAL FUELING PRODUCTS

New Unleaded Nozzles - PHG

MODEL NO.	DESCRIPTION SHIPPING WEIG	GHT LBS (KG)
E1488404	with Two Notch Hold Open Clip, EZ Lever, Polymer Handguard and Mate Guard	3.0 (1.2)
E1488459	with Two Notch Hold Open Clip, EZ Lever, Polymer Handguard, Mate Guard and Waffle Splash Guard	3.0 (1.2)
E1488495	with Two Notch Hold Open Clip, EZ Lever, Polymer Handguard, POPD®S Full Grip Guard and Waffle Splash Guard	3.0 (1.2)
1488404	with Two Notch Hold Open Clip, EZ Lever, Polymer Handguard and Full Grip Guard	. 3.0 (1.2)
1421304N^	with Two Notch Hold Open Clip, EZ Lever, Tilt Poppet and Full Grip Guard	3.0 (1.2)
1581759	with Two Notch Hold Open Clip, Polymer Handgua and Full Grip Guard	rd 3.0 (1.2)
		^ NOT LISTED

Construction

Body	Die cast aluminum with Electroless Nickel Plating	
Seals	Fluorocarbon	
Handguard	Metal or Polymer	
Packing	Double O-ring seal protected by fiber reinforced Teflon®	
Lever	Polymer	
Inlet	¾" / 19 mm NPT	







Pressure activated, automatic shut-off nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION		
006360^	¾" F x ¾" F Reconnectable E85 Safe-T-Break®		
006273	¾" F x ¾" F Non-Reconnectable E85 Safe-T-Break®		
	^ NOT UL LISTED		
Swivels			
MODEL NO.	MODEL NO DESCRIPTION		

MODEL NO.	DESCRIPTION	
006350^	¾" M x ¾" F Multi-plane E85 Swivel	
		^ NOT ULLISTED

Spouts

MODEL NO.	DESCRIPTION
006207	Unleaded E85 Spout Assembly

Pressure/Vacuum Vents

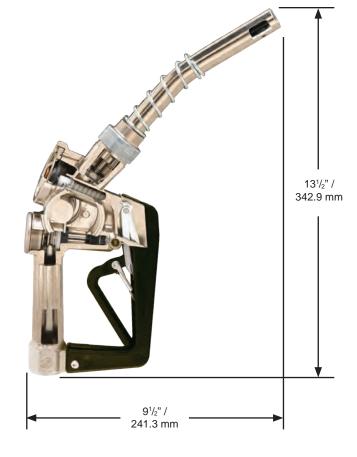
MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
007089	Nozzle Service Kit
004951	Spout Nut
000397	Unleaded Spout Gauge

MODEL NO.	DESCRIPTION
003376	Black Handle Guard
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
006628	POPD® Clear Cover
006665	POPD [®] Full Grip Guard
007205	POPD [®] Full Grip Reguard
007815	POPD [®] Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard







Pressure activated, automatic shut-off nozzle for full-service, self-service and unattended stations.

S[®] E85 CW Nozzles

- XS[®] E85 nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.the lever is opened
- before the pump is turned on.
- the leak detector has not completed the test cycle.
- Aluminum body, spout, and internal parts are nickel plated to prevent contamination and corrosion from Ethanol blends.
- Contains a poppet seal rated at -40° F/C to prevent fuel leakage from the main seal in extreme cold weather.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.

85

- Compatible with unleaded and all Ethanol blends through E-85.
- A reinforced stainless steel spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop[®] device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Nozzle comes with smooth full grip guard.
- New poppet seal improves flow control and provides enhanced endurance over time.

New Unleaded Nozzles - MHG

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)	
666164	with Three Notch Ho Guard	ld Open Clip and Waffle Splash 2.9 (1.3)	

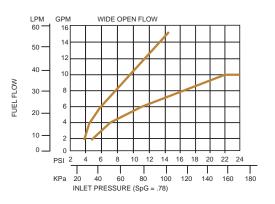
GENERAL FUELING PRODUCTS

New Unleaded Nozzles - PHG

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
666154N^	with Hold Open Clip, Polymer Hand Guard, Spout Bushing, Full Grip Guard and #1808 Waffle Splash Guard and Cold Weather Seals and Flo Equalizer 3.0 (1.2)	
		^ NOT LISTED

Construction

Body	Die cast aluminum with Electroless Nickel Plating	
Seals	Fluorocarbon	
Handguard	Metal or Polymer	
Packing	Double O-ring seal protected by fiber reinforced Teflon®	
Lever	Polymer	
Inlet	¾″ / 19 mm NPT	







Pressure activated, automatic shut-off nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks[®]

MODEL NO.	DESCRIPTION	
006360^	¾" F x ¾" F Reconnectable E85 Safe-T-Break®	
006273	¾" F x ¾" F Non-Reconnectable E85 Safe-T-Break®	
	^ NOT UL LISTED	
Swivels		

MODEL NO.	DESCRIPTION	
006350^	¾" M x ¾" F Multi-plane E85 Swivel	
		^ NOT UL LISTED

Spouts

MODEL NO.	DESCRIPTION
006207	Unleaded E85 Spout without Flo-Stop®

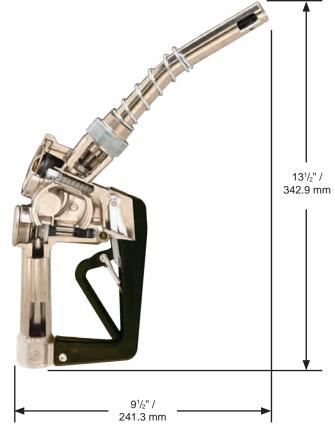
Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing, and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007490	Internal Flo-Equalizer [®] - 10 gpm / 37.9 Lpm
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge
-	

MODEL NO.	DESCRIPTION
003376	Black Handle Guard
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
006628	POPD [®] Clear Cover
006665	POPD [®] Full Grip Guard
007205	POPD [®] Full Grip Reguard
007815	POPD® Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard





X E25 Nozzle



Automatic shut-off nozzle for full-service and self-service stations.

- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Compatible with unleaded and all Ethanol blends through E-25.
- A reinforced stainless steel spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

- Husky[®] X nozzle shut off when the gas tank is full.
- Nozzle comes with smooth full grip guard.
- All seals are UL approved fluorocarbon compounds to prevent deterioration from Ethanol blends.
- New poppet seal design improves flow control and provides enhanced endurance over time.

New Unleaded Nozzle - MHG

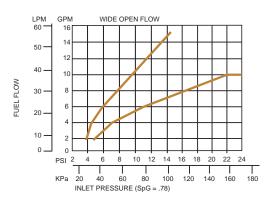
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LB	S (KG)
1108059N^	with Three Notch Hold Open Clip and Waffle Splash		
	Guard	3.	0 (1.2)
-		^ NOT I	ISTED

New Unleaded Nozzles - PHG

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1175504N^	with Three Notch hold Open Clip Guard, Spout Bushing and Full Gr	
	with EZ Lever	3.0 (1.2)
		^ NOT LISTED

Construction

Body	One piece die cast aluminum
Seals	Fluorocarbon
Handguard	Metal or Polymer
Packing	Double O-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	Polymer
Inlet	¾″ / 19 mm NPT







Automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION	
006360^	¾" F x ¾" F Reconnectable E25 Safe-T-Break®	
006273	¾" F x ¾" F Non-Reconnectable E25/E85 Safe-T-Break®	
	^ NOT LISTED	
Spouts	Spouts	

MODEL NO. DESCRIPTION 011100 Unleaded E25 Spout Assembly

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
000397	Unleaded Spout Gauge

MODEL NO.	DESCRIPTION
003376	Black Handle Guard
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
006628	POPD [®] Clear Cover
006665	POPD [®] Full Grip Guard
007205	POPD [®] Full Grip Reguard
007815	POPD® Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard







XS[®] E25 Nozzle



ETHANOL FUELING

Pressure activated, automatic shut-off nozzle for full-service, self-service and unattended stations.

- XS[®] E25 Nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Compatible with unleaded and all Ethanol blends through E-25.
- A reinforced stainless steel spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.

- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Nozzle comes with smooth full grip guard.
- All seals are UL approved fluorocarbon compounds to prevent deterioration from Ethanol blends.
- New poppet seal design improves flow control and provides enhanced endurance over time.

New Unleaded Nozzle - MHG

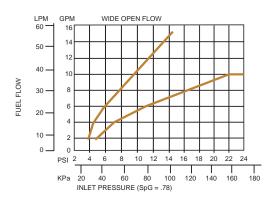
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1108689	with One Notch Hold Ope Guard and Waffle Splash	
11086179	with One Notch Hold Ope Guard	en Clip and Waffle Splash 3.0 (1.3)
11084181	with Three Notch Hold O Grip Guard, 001807 Waff	
		^ NOT LISTED

New Unleaded Nozzles - PHG

MODEL NO.	DESCRIPTION SHI	PPING WEIGHT LBS (KG)
1503204N^	with Two Notch Hold Open Clip, EZ Lev Polymer Handguard and Full Grip Guar	
E1503204	with Two Notch Hold Open Clip, EZ Lev Polymer Handguard and Mate Guard	ver, 3.0 (1.2)
E1503259	with Two Notch Hold Open Clip, EZ Le Handguard, Mate Guard and Waffle Sp	
		^ NOT LISTED

Construction

Body	One piece die cast aluminum
Seals	Fluorocarbon
Handguard	Metal or Polymer
Packing	Double O-ring seal protected by fiber reinforced Teflon®
Lever	Polymer
Inlet	¾″ / 19 mm NPT









Pressure activated, automatic shut-off nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
006360^	¾" F x ¾" F Reconnectable E25 Safe-T-Break®
006273	¾" F x ¾" F Non-Reconnectable E25/E85 Safe-T-Break®
	^ NOT LISTED
Spouts	

MODEL NO.	DESCRIPTION
011100	Unleaded E25 Spout Assembly

Pressure/Vacuum Vents

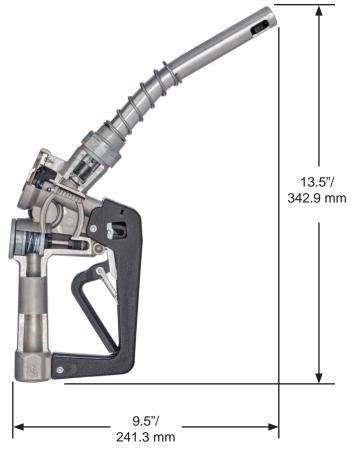
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
004951	Spout Nut
000397	Unleaded Spout Gauge

Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Guard
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
006628	POPD [®] Clear Cover
006665	POPD [®] Full Grip Guard
007205	POPD [®] Full Grip Reguard
007815	POPD [®] Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard





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Automatic shut-off nozzle for full-service and self-service stations.

- StreamShaper[®] reduces turbulence for straighter fuel flow and less splash back spillage.
- Compatible with unleaded and all Ethanol blends through E-25.
- A reinforced stainless steel spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle is equipped with a • unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

- Husky[®] X nozzle shut off when the gas tank is full.
- Nozzle comes with smooth full grip guard.
- All seals are UL approved fluorocarbon compounds to prevent deterioration from Ethanol blends.
- New poppet seal design improves flow control and provides enhanced endurance over time.

MODEL NO. DESCRIPTION PING WEIGHT LBS (KG) 1108259^ with Three No i Ope ffle Guard Constructi Body ece die cast

New Unleaded Nozz

Seals

Packing

Lever

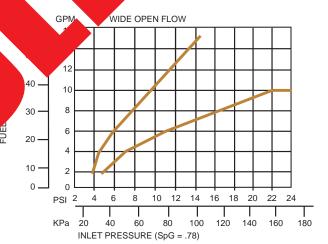
orocart n seal protec by fiber reinforced Teflon*

contou d polymer





GENERAL FUELING PRODUCTS



3.0 (1.2)

^ NOT LISTED

CW Nozzle GENERAL FUELING PRODUCTS

Automatic shut-off nozzle for full-service and self-service stations.

Dimensions and System Options

Safe-T-Breaks®

MODEL NO.	DESCRIPTION
006360^	¾" F x ¾" F Reconnectable E25 Safe-T-Break®
006273	¾" F x ¾" F Non-Reconnectable E25/E85 Safe-T-Break®
	^ NOT LISTED
Spouts	

MODEL NO.	DESCRIPTION
011100	Unleaded E25 Spout Assembly

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screep

Accessories, Testing and Maintena

MODEL NO.	DESCRIPTION	
007089	Nozzle Service Kit	
003593	Hold Open Clip Kit	
000397	Unleaded Spout Gauge	

Guards

MODEL NO.	DESCRIPTION
003376	Black Handle Gy
004145	Full Grip Gu
001806	Full Grip Re
005494	Lever Guard
003440	Pack.
003795	
006628	PD [∞]
006665	Full
007205	u Gri, rd
007815	
001506	Protesta
001809	Reguard Protection Package
001808	Waffle Splash Guard



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9.5"/ 241.3 mm





Pressure activated, automatic shut-off nozzle for full-service, self-service and unattended stations.

CW Nozzle

- XS[®] E25 nozzle shuts off when:
 - the pump shuts off.
 - the gas tank is full.
 - the lever is opened before the pump is turned on.
 - the leak detector has not completed the test cycle.

R

- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Compatible with unleaded and all Ethanol blends through E-25.
- A reinforced stainless steel spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.

- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Nozzle comes with smooth full grip guard.
- All seals are UL approved fluorocarbon compounds to prevent deterioration from Ethanol blends.
- New poppet seal design improves flow control and provides enhanced endurance over time.

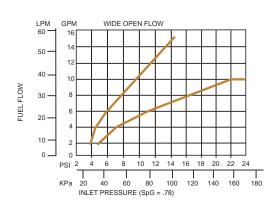
New Unleaded Nozzle - MHG

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1108459	with Three Notch Hol Guard	d Open Clip and Waffle Splash 3.0 (1.3)
		^ NOT LISTED

GENERAL FUELING PRODUCTS

Construction

Body	One piece die cast aluminum
Seals	Fluorocarbon
Handguard	Metal or Polymer
Packing	Double O-ring seal protected by fiber reinforced Teflon®
Lever	Polymer
Inlet	¾" / 19 mm NPT









Pressure activated, automatic shut-off nozzle for full-service, self-service and unattended stations.

Dimensions and System Options

Safe-T-Breaks[®]

MODEL NO.	DESCRIPTION	
006360^	¾" F x ¾" F Reconnectable E25 Safe-T-Break®	
006273	¾" F x ¾" F Non-Reconnectable E25/E85 Safe-T-Break®	
	^ NOT LISTED	
Spouts		

MODEL NO. DESCRIPTION 011100 Unleaded E25 Spout Assembly

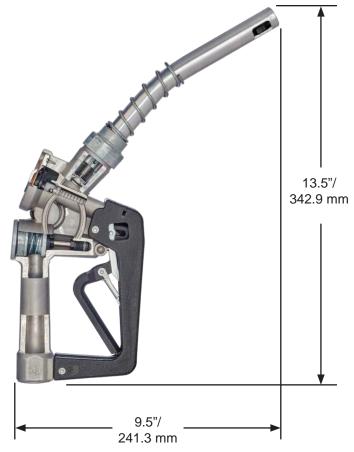
Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
003593	Hold Open Clip Kit
007089	Nozzle Service Kit
004951	Spout Nut
000397	Unleaded Spout Gauge

MODEL NO.	DESCRIPTION
003376	Black Handle Guard
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
006628	POPD [®] Clear Cover
006665	POPD® Full Grip Guard
007205	POPD [®] Full Grip Reguard
007815	POPD [®] Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard







Whiskey Nozzles



WN Nozzles



Automatic shut-off nozzle for wine and distilled spirits dispensing.

Stainless Steel construction.

· Constructed with food grade

materials.

- Modular design for easy cleaning.
- Nozzle shuts off when the container is full.
- Comes standard with mate nozzle guard and handle cover.
- Seals provide maximum durability and chemical resistance to high concentrations of ethanol.

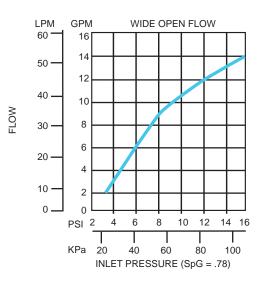


New WN Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
E8528104N^	Stainless steel, 1" Inlet BSPP, 3/4" nozzle guard and two notch hold of	
		^ NOT LISTED

Construction

Body	Investment Cast Stainless Steel
Disc	Ethylene Propylene
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm BSPP





ISO 9001:2015 CERTIFIED COMPANY WINE/DISTILLED SPIRITS DISPENSING





Automatic shut-off nozzle for wine and distilled spirits dispensing.

Dimensions and System Options

MODEL NO.	DESCRIPTION
008429	Handguard Repair
007376	Handle Cover (Black)
000226	Mate Guard







XWN Nozzles



Automatic shut-off nozzle for distilled spirits dispensing.

- Aluminum body, spout, and internal parts are nickelplated to prevent contamination and corrosion.
- Stainless steel reinforced spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle shuts off when the container is full.

- StreamShaper® reduces turbulence for straighter flow and less splash back spillage.
- Nozzle comes standard with Mate Nozzle Guard and Black Handle Cover.
- Seals provide maximum durability and chemical resistance to high concentrations of ethanol.

New XWN Nozzles with NPT

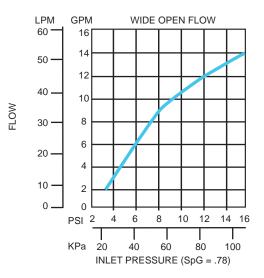
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
E840004N^	Nickel-Plated, with ¾" NPT Inlet Mate Nozzle Guard, and Three N without Flo-Stop®	
^ NOT LISTED New XWN Nozzles with BSP		

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
E840016N^	Nickel-Plated, with ¾" BSP Inlet Mate Nozzle Guard, and Three N	
	without Flo-Stop®	2.8 (1.2)
		^ NOT LISTED

Construction

Body	Die cast aluminum with Electroless Nickel Plating	
Disc	Fluorocarbon	
Packing	Double O-ring seal protected by fiber reinforced Teflon®	
Lever	One piece high-impact polymer	
Inlet	3/4" / 19 mm NPT or 3/4" / 19 mm BSP	







DISTILLED SPIRITS DISPENSING



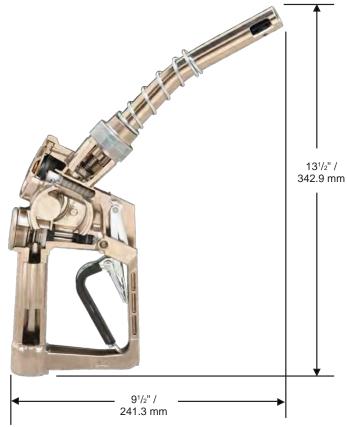
XWN Nozzles

Automatic shut-off nozzle for distilled spirits dispensing.

Dimensions and System Options

Guards

MODEL NO.	DESCRIPTION
012117	Black Handle Guard
003440	Mate Easy-on Package
003795	Mate Guard
001808	Waffle Splash Guard





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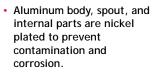


1AWN Nozzles



Automatic shut-off nozzle with polymer handguard for distilled spirits dispensing.

- Nozzle shuts off when the container is full.
- Aluminum reinforced spout bushing keeps spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- Nozzle comes standard with mate guard and black handle cover.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.



 Seals provide maximum durability and chemical resistance to high concentrations of ethanol.

New 1AWN Nozzles with NPT

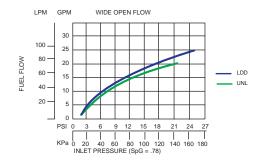
MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
E874203N	[^] Nickel-Plated, with 1" NPT inlet, ¹⁵ /16" O.D. S Guard and Three Notch Hold Open Clip; with	
		^ NOT LISTED

New 1AWN Nozzles with BSP

MODEL	DESCRIPTION	SHIPPING WEI	GHT LBS (KG)
E874215N^ Nickel-Plated, with 1" BSP inlet, ¹⁵ / ₁₆ " O.D. Spout, Mate Guard and Three Notch Hold Open Clip; without Flo-Stop [®] 3.3 (3.3 (1.4	
			^ NOT LISTED

Construction

Body	Die cast aluminum body with electroless nickel plating and black polymer hand guard	
Seals	Fluorocarbon	
Packing	Double o-ring seal protected by fiber reinforced Teflon®	
Lever	One piece contoured steel with hard plastic cover	
Inlet	1" / 25.4 mm NPT or 1" / 25.4 mm BSP	







DISTILLED SPIRITS DISPENSING

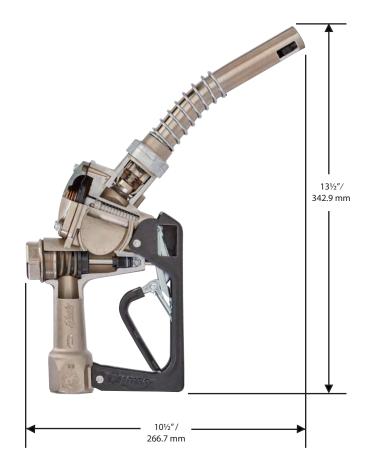


1AWN Noz

Automatic shut-off nozzle with polymer handguard for distilled spirits dispensing.

Dimensions and System Options

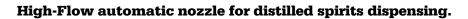
MODEL NO.	DESCRIPTION
000554	Full Grip Guard
005494	Lever Guard
007295	Mate Handle Guard
000226	Mate Nozzle Guard
001808	Waffle Splash Guard







\$<u>/</u>



- Nozzle shuts off when the container is full.
- · Automatic shut-off with dual poppets for easy opening.
- Nozzle comes standard with full grip guard.
- Aluminum body, spout, and internal parts are nickel plated to prevent contamination and corrosion.
- Seals provide maximum durability and chemical resistance to high concentrations of ethanol.

New VIII WN Nozzles with NPT

MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
874110N^	Nickel-Plated, with 1" NPT inlet, 1 $^3/_{16}$ " Three Notch Hold Open Clip; without Fl	
		^ NOT LISTED

GENERAL FUELING PRODUCTS

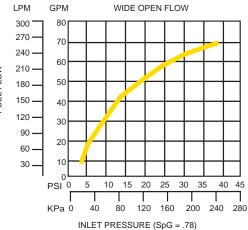
New VIII WN Nozzles with BSP

MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
874138N^	Nickel-Plated, with 1" BSP inlet, 1 ³ / ₁₆ " O.D. Three Notch Hold Open Clip; without Flo-Ste	•
		^ NOT LISTED

Construction

Body	Sand cast aluminum body with electroless nickel plating and black polymer hand guard	
Seals	Fluorocarbon	
Packing	Double o-ring seal protected by fiber reinforced Teflon®	
Lever	One piece contoured steel with hard plastic cover	
Inlet	1" / 25.4 mm NPT or 1" / 25.4 mm BSP	







DISTILLED SPIRITS DISPENSING

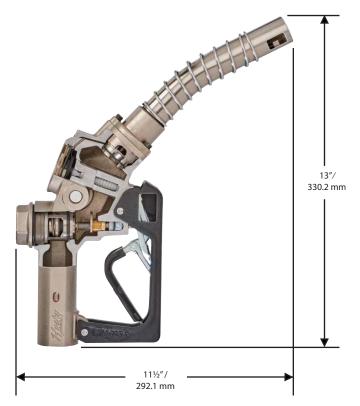
VIII WN Nozz GENERAL FUELING PRODUCTS

High-Flow automatic nozzle for distilled spirits dispensing.

Dimensions and System Options

Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005494	Lever Guard
001808	Waffle Splash Guard





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1690WN Nozzles



DISTILLED SPIRITS DISPENING

^ NOT LISTED

Extreme High-Flow automatic nozzle for distilled spirits dispensing.

- Nozzle designed with extra large hand opening to accomodate gloves or mittens.
- Automatic shut-off with dual poppets for easy opening.
- Aluminum body, spout, and internal parts are nickel plated to prevent contamination and corrosion.
- Seals provide maximum durability and chemical resistance to high concentrations of ethanol.
- Cast-in protective standoffs
 provide durability with
 rough usage
- Right angle design allows nozzle to "fit" close to walls and corners.

New 1690WN Nozzles with NPT

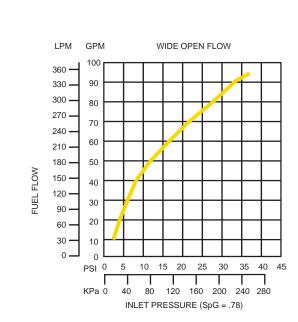
MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
875010N^	Nickel-Plated, with 1 1/2" NPT inlet, 1 3	³ / ⁸ " O.D. Spout and
	Two position Hold latch	4.6 (2.0)

New 1690WN Nozzles with BSP

_		
MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
875038N^	Nickel-Plated, with 1 $^{1/2^{\prime\prime}}$ BSP inlet, 1 $^{3/8^{\prime\prime}}$ O. Two position Hold latch	D. Spout and 4.6 (2.0)
		^ NOT LISTED

Construction

Body	Sand cast aluminum body with electroless nickel plating
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel
Inlet	1 1/2" NPT or 1 1/2" BSP









Extreme High-Flow automatic nozzle for distilled spirits edispensing.

Dimensions and System Options









Swivels





For standard fueling applications.



Model 000350



Features

All Husky[®] Multi-Plane Swivels

- Compatible with unleaded, diesel, and Ethanol blends through E10.
- Compact and light weight for easy handling.
- High flow rates due to laminar flow design.
- High strength step shoulder bearing diameters and impact absorbing stops.

Model 002950 Restricted Swivel

- Multi-Plane, 210° spherical rotation at the swivel nut.
- Double o-ring seals at each swivel provide long life at low temperatures (-40° F/C).

All Weather Swivels

- Multi-Plane, full 360° spherical rotation for easy movement of nozzle.
- Double o-ring seals at each swivel provide long life at low temperatures (-40° F/C).

Construction

Body: High Aluminum Zinc Alloy Inner O-ring: Fluorsilicone Outer O-ring: Fluorocarbon

Model No.	Size	Thread	Туре	Shipping Wt. Lbs/Kg
000350	3/4" M x 3/4" F	NPT	Multi-Plane Swivel	.50/.22
000352	1" M x 3/4" F	NPT	Multi-Plane Swivel	.66/.29
000355	3/4" M x 3/4" F	NPT	Multi-Plane Swivel, Anodized Black	.49/.22
000356	1" M x 3/4" F	NPT	Multi-Plane Swivel, Anodized Black	.66/.29
002272	3/4" M x 3/4" F	NPT	90° Swivel	.38/.17
002950	3/4" M x 3/4" F	NPT	Multi-Plane Swivel Restricted	.50/.22
001491	3/4" M x 3/4" F	BSPT	Multi-Plane Swivel	.50/.22
003590	3/4" M x 3/4" F	BSPP	Multi-Plane Swivel	.60/.27
003590A*	3/4" M x 3/4" F	BSPP	Multi-Plane Swivel - Atex	.60/.27
002771	3/4" M x 3/4" F	BSPP	90° Swivel	.38/.17
002771A*	3/4" M x 3/4" F	BSPP	90° Swivel - Atex	.38/.17



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

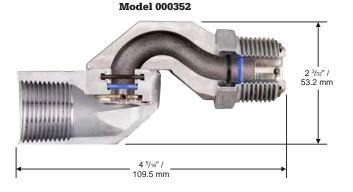




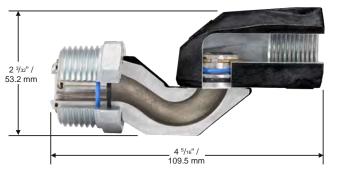
For standard fueling applications.

Dimensions

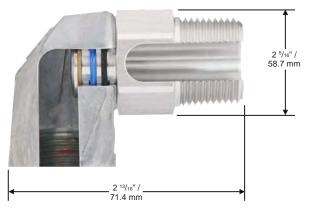
GENERAL FUELING PRODUCTS



Model 000350



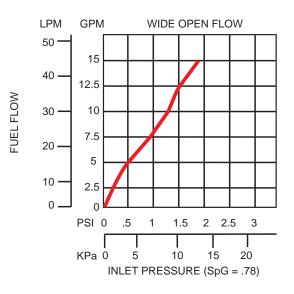
Model 002272





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Flow Charts



Inline <mark>Swivels</mark>



SWIVELS







Features

All Husky[®] Multi-Plane Swivels

- Compatible with unleaded, diesel, and Ethanol blends through E10.
- Compact and light weight for easy handling.
- High flow rates due to laminar flow design.
- High strength step shoulder bearing diameters and impact absorbing stops.

All Weather Swivels

- Multi-Plane, full 360° spherical rotation for easy movement of nozzle.
- Double o-ring seals at each swivel provide long life at low temperatures (-40° F/C).

Construction

Body: Aluminum Inner O-ring: Fluorsilicone Outer O-ring: Fluorosilicone

Model No.	Size	Thread	Туре	Shipping Wt. Lbs/Kg
003895	3/4" M x 3/4" F	NPT	Single Plane Swivel	1.4/.65
003898	3/4" M x 1" F	NPT	Single Plane Swivel	1.4/.65
008517	1" M x 1" F	NPT	Single Plane Swivel	1.4/.65
003760	3/4" M x 1" F	BSPT	Single Plane Swivel	1.4/.65
003830	1" M x 1" F	BSPP	Single Plane Swivel	1.4/.65



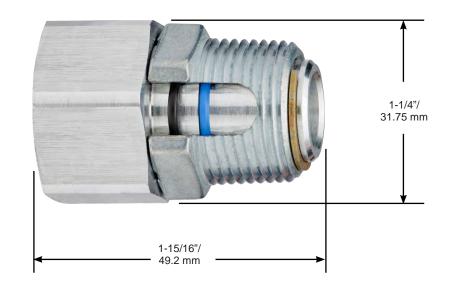






For standard fueling applications.

Dimensions









0 -ω

For standard farming applications.



Model 000350



Features

All Husky[®] Multi-Plane Swivels

- Compatible with unleaded, diesel, and Ethanol blends through E10.
- · Compact and light weight for easy handling.
- High flow rates due to laminar flow design.
- High strength step shoulder bearing diameters and impact absorbing stops.

Model 002950 Restricted Swivel

- Multi-Plane, 210° spherical rotation at the swivel nut.
- Double o-ring seals at each swivel provide long life at low temperatures (-40° F/C).

All Weather Swivels

- Multi-Plane, full 360° spherical rotation for easy movement of nozzle.
- Double o-ring seals at each swivel provide long life at low temperatures (-40° F/C).

Construction

Body: High Aluminum Zinc Alloy Inner O-ring: Fluorsilicone Outer O-ring: Fluorocarbon

Model No.	Size	Thread	Туре	Shipping Wt. Lbs/Kg
000350	3/4" M x 3/4" F	NPT	Multi-Plane Swivel	.50/.22
000352	1" M x 3/4" F	NPT	Multi-Plane Swivel	.66/.29
000355	3/4" M x 3/4" F	NPT	Multi-Plane Swivel, Anodized Black	.49/.22
000356	1" M x 3/4" F	NPT	Multi-Plane Swivel, Anodized Black	.66/.29
002272	3/4" M x 3/4" F	NPT	90° Swivel	.38/.17
002950	3/4" M x 3/4" F	NPT	Multi-Plane Swivel Restricted	.50/.22
001491	3/4" M x 3/4" F	BSPT	Multi-Plane Swivel	.50/.22
003590	3/4" M x 3/4" F	BSPP	Multi-Plane Swivel	.60/.27
003590A*	3/4" M x 3/4" F	BSPP	Multi-Plane Swivel - Atex	.60/.27
002771A*	3/4" M x 3/4" F	BSPP	90° Swivel - Atex	.38/.17

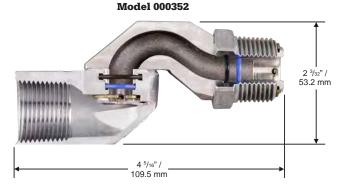


WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

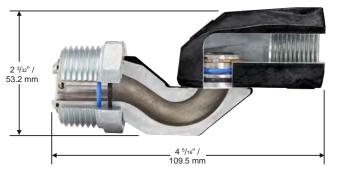


For standard farming applications.

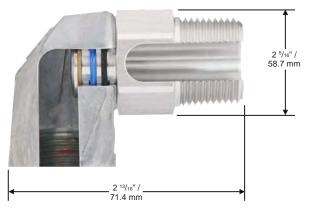
Dimensions



Model 000350



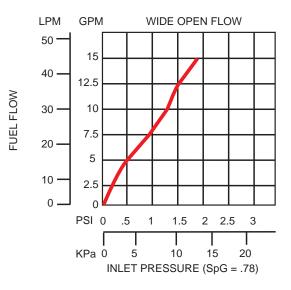
Model 002272





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Flow Charts



Rev 7 11/20

F&C Swivels



For truck and high volume fueling.



Model 004860





Features

All Husky® Multi-Plane Swivels

- Compatible with diesel fuels and Ethanol blends through E10.
- · Compact and light weight for easy handling.
- High flow rates due to laminar flow design.
- High strength step shoulder bearing diameters and impact absorbing stops.
- Double o-ring seals at each swivel provide long life at low temperatures (-40° F/C).

Husky® High Volume Multi-Plane Swivels

- Multi-Plane, full 360° spherical rotation for easy movement of nozzle.
- For use with high flow nozzles with flow rates up to 100 gpm/ 378 Lpm.
- Raised stainless steel ball bearings provide easy joint movement, greatly improving ease of swivel when used on higher pressure systems.
- 75% less back pressure.

Husky® Multi-Plane Restricted Swivels

• Multi-Plane, 210° spherical rotation at the swivel nut.

Construction

STANDARD Body: High Aluminum Zinc Alloy Inner O-ring: Fluorsilicone Outer O-ring: Fluorocarbon

HIGH VOLUME Body: Aluminum, Zinc and Zinc Plated Steel Inner O-ring: Fluorsilicone Outer O-ring: Fluorocarbon

Model No.	Size	Thread	Туре	Shipping Wt. Lbs/Kg
000087	1" M x 1" F	NPT	Multi-Plane Swivel	.96/.43
004860	1" M x 1" F	NPT	High Flow Multi-Plane Swivel	1.4/.63
000095	1" M x 1" F	NPT	70° Pump Multi-Plane Swivel	.76/.34
003395	1" M x 1" F	NPT	90° Swivel	.93/.42
003306	1" M x 1" F	BSPP	Multi-Plane Swivel	1.1/.49
003306A*	1" M x 1" F	BSPP	Multi-Plane Swivel- Atex	1.1/.49
006949	1" M x 1" F	BSPP	High Flow Multi-Plane Swivel	1.1/.49
006949A*	1" M x 1" F	BSPP	High Flow Multi-Plane Swivel- Atex	1.1/.49
007254	1" M x 1" F	BSPP	90° Swivel	1.1/.49
001670	1" M x 1" F	BSPT	Multi-Plane Swivel	.93/.42



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

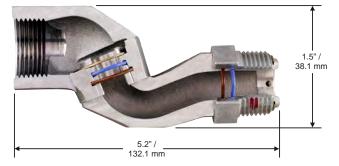




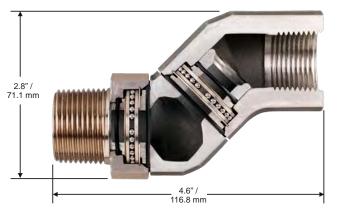
For truck and high volume fueling.

Dimensions

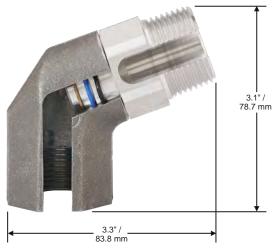
Model 000087, 003306, 003395 and 007254



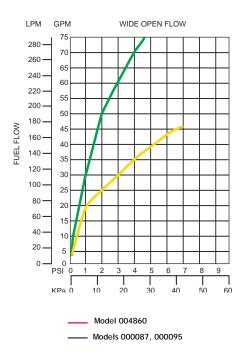
Model 004860 and 006949



Model 000095



Flow Charts



VR Swivels



004605 Vapor Recovery Swivel is compatible with most vacuum assist vapor recovery systems.



Model 004605

Features

- 360° rotation at each swivel joint.
- Double o-rings at each swivel joint.
- Can be installed at the nozzle or at the dispenser.
- Stainless steel ball bearings and races allow for easy joint movement and reduces friction, thus extending the life of the swivel.
- Has 2 (two) plane rotation.
- Exceptional flow rate and reduced back pressure.
- · Lightweight and compact.

Construction

Body: Zinc Inlet Body: Aluminum Swivel Nut: Electroless, Nickel Plated Aluminum Seals: Fluorocarbon

Model No.	Size	Thread	Туре	Shipping Wt. Lbs/Kg
004605	M34 x 1.5"	M34	Multi-Plane Swivel	1.0 (.45)
004605A*	M34 x 1.5"	M34	Multi-Plane Swivel - Atex	1.0 (.45)



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

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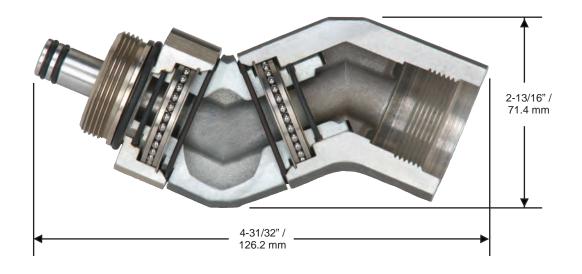
J J SWIVELS



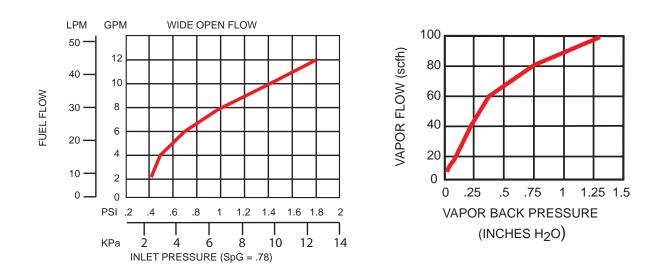
VR Swivels

004605 Vapor Recovery Swivel is compatible with most vacuum assist vapor recovery systems.

Dimensions



Flow Charts







Diesel Swivels



Husky[®] high volume delivery swivels make it easier to manipulate the long, heavy hoses used on bulk delivery systems.



Model 005265

Features

- Prevents kinking and twising of hose.
- Unique stainless steel ball bearing design provides easier joint movement during high pressure applications.
- Easier to angle the nozzle into fill openings.

Construction

Body: Aluminum Seals: Fluorocarbon

Model No.	Size	Thread	Туре	Shipping Wt. Lbs/Kg
005235	1¼" F x 1¼" M	NPT	Single Plane Swivel	1.4/.65
005240	1¼" F x 1½" M	NPT	Single Plane Swivel	1.4/.65
005265	1½"" F x 1¼" M	NPT	Single Plane Swivel	1.4/.65
005266	1½"" F x 1½" M	NPT	Single Plane Swivel	1.4/.65
005754	1¼" F x 1½" M	BSPP	Single Plane Swivel	1.4/.65
005755	1½" F x 1 ½" M	BSPP	Single Plane Swivel	1.4/.65



SWIVELS

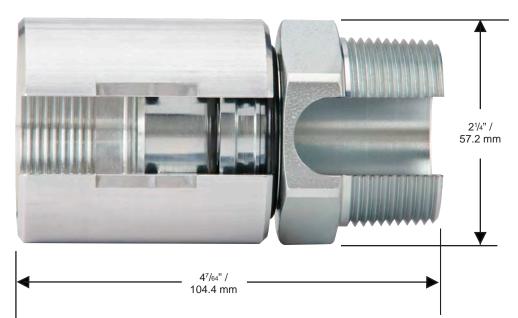


Diesel Swi

Husky high volume delivery swivels make it easier to manipulate the long, heavy hoses used on bulk delivery systems.

Dimensions

Model 005235, 005240, 005265 and 005266











Model 004860





Features

All Husky® Multi-Plane Swivels

- Compatible with diesel fuels and Ethanol blends through E10.
- · Compact and light weight for easy handling.
- High flow rates due to laminar flow design.
- High strength step shoulder bearing diameters and impact absorbing stops.
- Double o-ring seals at each swivel provide long life at low temperatures (-40° F/C).

Husky® High Volume Multi-Plane Swivels

- Multi-Plane, full 360° spherical rotation for easy movement of nozzle.
- For use with high flow nozzles with flow rates up to 100 gpm/ 378 Lpm.
- Raised stainless steel ball bearings provide easy joint movement, greatly improving ease of swivel when used on higher pressure systems.
- 75% less back pressure.

Husky® Multi-Plane Restricted Swivels

• Multi-Plane, 210° spherical rotation at the swivel nut.

Construction

STANDARD Body: High Aluminum Zinc Alloy Inner O-ring: Fluorsilicone Outer O-ring: Fluorocarbon

HIGH VOLUME Body: Aluminum, Zinc and Zinc Plated Steel Inner O-ring: Fluorsilicone Outer O-ring: Fluorocarbon

Model No.	Size	Thread	Туре	Shipping Wt. Lbs/Kg
000087	1" M x 1" F	NPT	Multi-Plane Swivel	.96/.43
004860	1" M x 1" F	NPT	High Flow Multi-Plane Swivel	1.4/.63
000095	1" M x 1" F	NPT	70° Pump Multi-Plane Swivel	.76/.34
003395	1" M x 1" F	NPT	90° Swivel	.93/.42
003306	1" M x 1" F	BSPP	Multi-Plane Swivel	1.1/.49
003306A*	1" M x 1" F	BSPP	Multi-Plane Swivel- Atex	1.1/.49
006949	1" M x 1" F	BSPP	High Flow Multi-Plane Swivel	1.1/.49
006949A*	1" M x 1" F	BSPP	High Flow Multi-Plane Swivel- Atex	1.1/.49
001670	1" M x 1" F	BSPT	Multi-Plane Swivel	.93/.42



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

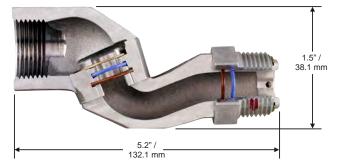
SWIVELS

High Volume Swivels usky GENERAL FUELING PRODUCTS

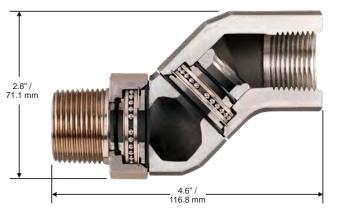
For truck and high volume fueling.

Dimensions

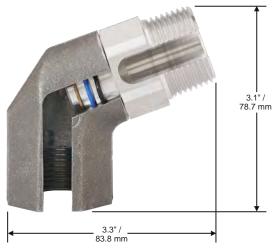
Model 000087, 003306, 003395 and 007254



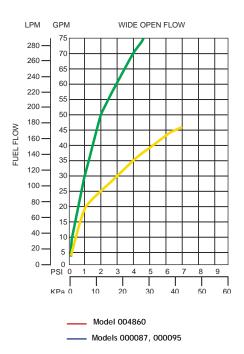
Model 004860 and 006949



Model 000095









DEF Swivels



SWIVELS

Diesel Exhaust Fluid Inline Swivels.

Model 007269





Model 007467/008510/008822



Model 012604/012656



Model 007282/010936



Features

- Full 360° rotation for easy movement of nozzle.
- Relieves kinking and twisting of the hose.
- High flow rate featuring laminar flow design.
- Compact for easy handling.
- Unique to Husky® products, the steel ball bearing design provides easier joint movement during high pressure applications.
- DEF compatible thread sealant required for NPT threads only

Construction

Body: Stainless Steel, 012604/012656 - Anodized Aluminum Seals: Fluorocarbon Nut: 012604 - Stainless Steel

Model No.	Size	Thread	Туре	Shipping Wt. Lbs/Kg
007269	1" M x 1" M	BSPP	Inline Swivel	.60/.27
007275	1" M x M34 M	BSPP/M34	Inline Swivel	.62/.28
007282	3/4" M x 3/4" Hose Barb	BSPP	Roller Bearing Inline Swivel	.42/.19
007467	1" F x 1" M	BSPP	Inline Swivel	.66/.30
008510	1" M x 1" F	BSPP/NPT	Inline Swivel	.66/.30
008822	1" F x 1" M	BSPP	Face Seal Inline Swivel	.66/.30
010936	3/4" M x 3/4" Hose Barb	BSPP	Inline Swivel	.42/.19
012604^	3/4" M x 3/4" F	NPT	Roller Bearing Inline Swivel	.23/.10
012656^	3/4" M x 3/4" F	BSPP	Roller Bearing Inline Swivel	.23/.10
				^ NOT LISTED

Accessories

Model No.	Description
007406	3/4" BSPP Seal Kit Assembly
007407	1" BSPP Seal Kit Assembly







Diesel Exhaust Fluid Inline Swivels.

Dimensions



Model 007467/008510/008822





Model 007275





E85 Swivel



Husky Model 6350 Multi-Plane Swivel.



Features

- Multi-Plane, Full 360° spherical rotation for easy movement of nozzle.
- Compatible with unlead, diesel, and all Ethanol blends through E100.
- Compatible with fuels containing alcohol.
- High flow rate due to laminar flow design.
- Compact and light weight for easy handling.
- Double o-ring seals at each swivel provide long life and low temperature (-40° F/C) performance.
- High strength step shoulder bearing diameters and impact absorbing stops.

Construction

Body: Aluminum with Electroless Nickel Plating Inner O-ring: Fluorosilicone Outer O-ring: Fluorocarbon

Model No.	Size	Thread	Туре	Shipping Wt. Lbs/Kg
6350	3⁄4" M x 3⁄4"	NPTF	Multi-Plane Swivel	.44/.19



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

SWIVELS

SWIVELS





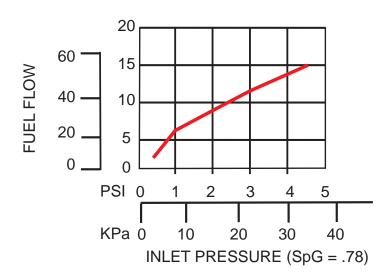
Husky Model 6350 Multi-Plane Swivel.

Dimensions

2³/₃₂" / 53.2 mm 4⁵/₁₆"/ 109.5 mm

Model 6350

Flow Charts









Safe-T-Breaks[®]



Standard <mark>STB</mark>



All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

Models 003360 and 003385

- Retains UL listing after reconnection.
- Features a pre-loaded spring and a single turn wave spring that enables valve to resist sudden pressure build-up in the hose causing nuisance separations.
- Separates using ball bearings and latch ring at less than 200 lbf / 889.6 N which minimizes "backlash" force of separation, reducing damage to equipment.

Model 005230

- Retains UL listing after reconnection.
- Uses the same pre-loaded spring and a single turn wave spring as Model 003360.
- Separates using ball bearings and latch ring at less than 115 lbf / 511.5 N.

Model 002273 & 002774

- Light-weight, inexpensive and disposable.
- Same instant-closing dual poppet check valve design as Model 003360.
- Separates using shear pins at less than 300 lbf / 1334.4 N.

Model 003360



Model 006130





WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Model 006130

Internal Pressure Compensating Chamber (PCC) that prevents "line shock" nuisance separations.

- Same instant-closing dual poppet check valve as Model 003360.
- Separates using shear pins at less than 225 lbf / 1000.8 N.

Models 015130 & 015349

- Internal Pressure Compensating Chamber (PCC) that prevents "line shock" nuisance separations.
- Same instant-closing dual poppet check valve as Model 002276.
- Features a pre-loaded spring and a single turn wave spring that enables valve to resist fatigue from repeated hose stretching.
- Separates using ball bearings and latch ring at less than 250 lbf / 1,112.1 N.

Model 002273

Reconnectable with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
003360**	3/4" F x 3/4" F Reconnectable Safe- with scuff guard	-T-Break [®] 0.59 (0.26)
005230**	3/4" F x 3/4" F Reconnectable Low- Safe-T-Break® with scuff guard	Pull 0.59 (0.26)

Non-reconnectable with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIG	GHT LBS (KG)
002273	34" F x 34" F Non-Reconnectable	F x ¾" F Non-Reconnectable Safe-T-Break® 0.7	
006130**	3/4" F x 3/4" F PCC Non-Reconnect Safe-T-Break® with scuff guard	:table	0.52 (0.23)
015130**	¾" F x ¾" F LH PCC Non-Recon Safe-T-Break [®] with scuff guard	nectable	0.52 (0.23)

Reconnectable with BSPP

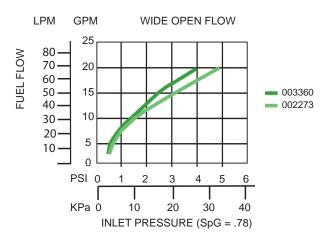
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
003385**	34" F x 34" F Reconnectable Safe	e-T-Break [®]
	with scuff guard	0.57 (0.25)

Non-reconnectable with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEI	GHT LBS (KG)
002774	34" F x 34" F Non-Reconnectable	e Safe-T-Break®	0.73 (0.33)
002774A*	¾" F x ¾" F Non-Reconnectable Safe-T-Break® - Atex	9	0.73 (0.33)
015349**	3/4" F x 3/4" F LH PCC Non-Recon Safe-T-Break®	nectable	0.52 (0.23)
		**See page 2 for	guard color options

Construction

RECONNECTABLE SAFE-T-BREAKS®		
Body	Aluminum	
Seals	Fluorocarbon	
Springs	Stainless Steel Stainless steel load and latch spring reverse mechanism Hardened stainless steel latch ring and balls	
NON-RECO	NNECTABLE SAFE-T-BREAKS®	
Body	Zinc Alloys and Aluminum	



SAFE-T-BREAKS®



Standard STB

All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

Dimensions and System Options

Whip Hoses

MODEL NO.	DESCRIPTION
NPT	
002274	¾" M x ¾" M (19 mm M x 19 mm M) Whip Hose
227374	¾" M x ¾" M (19 mm M x 19 mm M) Whip Hose connected to Model 002273 ¾" F x ¾" F Non-Reconnectable Safe-T-Break®
336074**	¾" M x ¾" M (19 mm M x 19 mm M) Whip Hose connected to Model 003360 ¾" F x ¾" F Reconnectable Safe-T-Break®
002275	$3\!$
227375**	$3\!$
336075**	$3\!$
BSPP	
002775	34" M x 34" M (19 mm M x 19 mm M) Whip Hose

Guards

MODEL NO.	DESCRIPTION
003096**	Scuff Guard for Model #003360, 006130 and 005230
006503**	Dispenser Scuff Guard for Model #002273 and 002774
003098	Scuff Guard for Model #015130 & 015349

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007000	Safe-T-Break [®] Drain Cup
003813	Safe-T-Break® Demonstration Kit

Color Chart

COLOR	SUFFIX	COLOR	SUFFIX
Blue	-01	White	-06
Red	-02	Gold	-08
Green	-03	Silver	-09
Black	-04	BP Green	-16
Yellow	-05	Pink	-20

**Safe-T-Breaks® and Safe-T-Break® Scuff Guards are to be ordered with the corresponding guard color option added to the model number.

Example: If BLUE guards are desired, add guard color option -01 to the model number (004034-01).

For custom colors, a minimum order of 4,000 guards will be required.

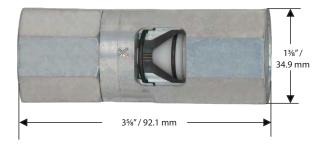
Model 003360



Model 006130



Model 002273





MAG MAGBREAK®



All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

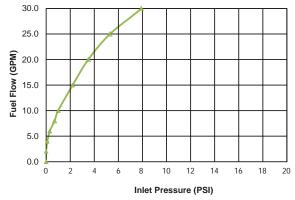
- High impact resistant polymer housing.
- ³/₄" or 1" Female NPT inlets.
- Available in ³/₄" or 1" Female BSP threads.
- 1" MAGBREAK® has lower back pressure than competing magnetic breakaways. Lower back pressure means higher flow rates.
- ³/₄-pound lighter than competing magnetic breakaways.
- Two straight screwdrivers used to separate.

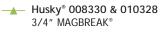
- Easier "separate to inspect" method than competition.
- Assurance of proper reconnection using a simple "twist to lock" feature.
- Absorb line shock in excess of 450 psi at 17 gpm (31 bar at 64.3 Lpm)
- Low scuff housing.
- Line shock absorbing design.
- Stops flow on both sides of break.

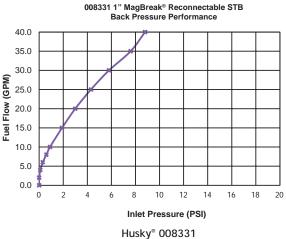
New MAGBREAK®

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
008330	MAGBREAK [®] ³ /4" F NPT (Separates at less than 200 poun	1.21 (.55) ds pull force)
008331	MAGBREAK [®] 1" F NPT CK (Separates at less than 225 poun	1.09 (.50) ds pull force)
010328	MAGBREAK [®] ³ / ₄ " F NPT CK (Separates at less than 225 poun	1.21 (.55) ds pull force)









→ 1" MAGBREAK® with 3/4" Check Valve





All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

Dimensions







F&C Standard STB



All Husky® Safe-T-Breaks® stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

Models 003360 and 003385

- Retains UL listing after reconnection.
- Features a pre-loaded spring and a single turn wave spring that enables valve to resist sudden pressure build-up in the hose causing nuisance separations.
- Separates at less than 200 lbf / 889.6 N which minimizes "backlash" force of separation, reducing damage to equipment.

Model 005230

- Retains UL listing after reconnection.
- Uses the same pre-loaded spring and a single turn wave spring as Model 003360.

 Separates at less than 115 lbf / 511.5 N.

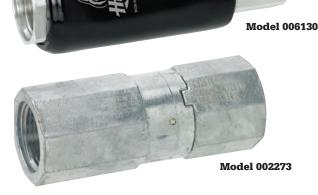
Model 002273 and 002774

- Light-weight, inexpensive and disposable.
- Same instant-closing dual poppet check valve design as Model 003360.
- Separates at less than 300 lbf / 1334.4 N.

Model 006130

- Internal Pressure Compensating Chamber (PCC) that prevents "line shock" nuisance separations.
- Same instant-closing dual poppet check valve as Model 003360.
- Separates at less than 225 lbf / 1000.8 N.







Reconnectable with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
003360**	3/4" F x 3/4" F Reconnectable Safe- with scuff guard	-T-Break [®] 0.59 (0.26)
005230**	³ / ₄ " F x ³ / ₄ " F Reconnectable Low- Safe-T-Break [®] with scuff guard	Pull 0.59 (0.26)

Non-reconnectable with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIG	GHT LBS (KG)
002273	34" F x 34" F Non-Reconnectable Safe-T-Break® 0.78 (0		0.78 (0.35)
006130**	¾" F x ¾" F PCC Non-Reconnectable Safe-T-Break* with scuff guard 0.52 (0.2		0.52 (0.23)

Reconnectable with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
003385**	¾" F x ¾" F Reconnectable Safe-T-Break®	
	with scuff guard	0.57 (0.25)

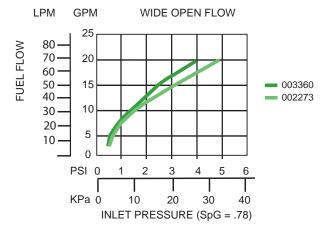
Non-reconnectable with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
002774	³ ⁄ ₄ " F x ³ ⁄ ₄ " F Non-Reconnectable Safe-T-Break [®]	0.73 (0.33)
002774A*	¾" F x ¾" F Non-Reconnectable Safe-T-Break [®] - Atex	0.73 (0.33)
		**See page 2 for guard color option

Construction

RECONNECTABLE SAFE-T-BREAKS*		
Body	Aluminum	
Seals	Fluorocarbon	
Springs	Stainless Steel Stainless steel load and latch spring reverse mechanism Hardened stainless steel latch ring and balls	
NON-RECONNECTABLE SAFE-T-BREAKS®		

Body Zinc Alloys and Aluminum



SAFE-T-BREAKS®



All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

Dimensions and System Options

Whip Hoses

MODEL NO.	DESCRIPTION		
NPT			
002274	¾" M x ¾" M (19 mm M x 19 mm M) Whip Hose		
227374	¾" M x ¾" M (19 mm M x 19 mm M) Whip Hose connected to Model 002273 ¾" F x ¾" F Non-Reconnectable Safe-T-Break®		
336074**	¾" M x ¾" M (19 mm M x 19 mm M) Whip Hose connected to Model 003360 ¾" F x ¾" F Reconnectable Safe-T-Break®		
002275	¾" M x ¾" M (19 mm M x 19 mm M) Whip Hose with Swivel Nut		
227375**	$3\!$		
336075**	$3\!$		
BSPP			
002775	34" M x 34" M (19 mm M x 19 mm M) Whip Hose		

Guards

MODEL NO.	DESCRIPTION
003096**	Scuff Guard for Model 003360, 006130 and 005230
006503**	Dispenser Scuff Guard for Model 002273 and 002774

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007000	Safe-T-Break® Drain Cup
003813	Safe-T-Break® Demonstration Kit

Color Chart

COLOR	SUFFIX	COLOR	SUFFIX
Blue	-01	White	-06
Red	-02	Gold	-08
Green	-03	Silver	-09
Black	-04	BP Green	-16
Yellow	-05	Pink	-20

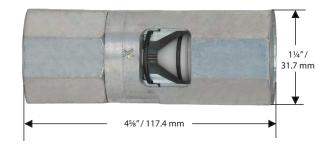
**Safe-T-Breaks® and Safe-T-Break® Scuff Guards are to be ordered with the corresponding guard color option added to the model number.

Example: If BLUE guards are desired, add guard color option -01 to the model number (004034-01).

For custom colors, a minimum order of 4,000 guards will be required.









SAFE-T-BREAKS[®]

High Volume STB

All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing

Models 002276, 003076 and 003076A

- Retains UL listing after reconnection.
- Internal pressure balancing chamber prevents "line shock" nuisance separations.
- Separates using ball bearings and latch ring at less than 200 lbf / 889.6 N which minimizes "backlash" force of separation, reducing damage to equipment.

Model 005231

- Retains UL listing after reconnection.
- Uses the same internal pressure balancing chamber as Model 002276.
- Separates using ball bearings and latch ring at less than 115 lbf / 511.5 N.

Model 005812 and 006914

- Light-weight, inexpensive and disposable.
- Same instant-closing dual poppet check valve design as Model 002276.
- Separates using shear pins between 300 lbf/ 1334.5 N to 350 lbf/ 1556.9 N.

Model 002276



Model 005812





Model 006301

- Internal Pressure Compensating Chamber (PCC) that prevents "line shock" nuisance separations.
- Same instant-closing dual poppet check valve as Model 002276.
- Separates using shear pins at less than 225 lbf / 1000.8 N.

Models 015176 & 015254

- Internal Pressure Compensating Chamber (PCC) that prevents "line shock" nuisance separations.
- Same instant-closing dual poppet check valve as Model 002276.
- Features a pre-loaded spring and a single turn wave spring that enables valve to resist fatigue from repeated hose stretching.
- Separates using ball bearings and latch ring at less than 250 lbf / 1,112.1 N.

Reconnectable with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGH	Г LBS (KG)
002276**	1" F x 1" F Reconnectable Safe-	T-Break®	.75 (.34)
005231**	1" F x 1" F Reconnectable Low-F	Pull Safe-T-Break®	.75 (.34)

Non-reconnectable with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)	
005812**	1" F x 1" F Non-Recon	nectable Safe-T-Break®	.61 (.27)
006301**	1" F x 1" F PCC Non-Re	econnectable Safe-T-Break®	.69 (.31)
015176**	1" F x 1" F Super STB	1" Non-Reconnectable	.75 (.34)

Reconnectable with BSPP

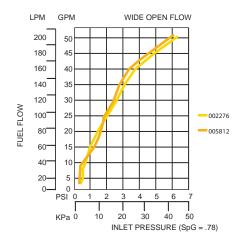
MODEL NO.	DESCRIPTION	SHIPPING WEIGI	HT LBS (KG)
003076**	1" F x 1" F Reconnectable Safe	e-T-Break®	.75 (.34)
003076A*	1" F x 1" F Reconnectable Safe	e-T-Break [®] - Atex	.75 (.34)

Non-reconnectable with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIG	iht lbs (KG)
006914**	1" F x 1" F Non-Reconnec	table Safe-T-Break®	.61 (.27)
015245**	1" F x 1" F Super STB 1" Non-Reconnectable .75 (.34)		
		**See page 2 for g	uard color options

Construction

Reconnectable Safe-T-Breaks®		
Body	Aluminum	
Seals	Fluorocarbon	
Springs	Stainless Steel	
Stainless steel load and latch spring reverse mechanism		
Hardened stainless steel latch ring and balls		
Non-Reconnectable Safe-T-Breaks®		
Body	Body Zinc Alloys and Aluminum	
Seals	Fluorocarbon	



HIGH VOLUME FUELING



All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

Dimensions and System Options

Whip Hoses

GENERAL FUELING PRODUCTS

MODEL NO.	DESCRIPTION
002277	1" M x 1" M (25 mm M x 25 mm M) Whip Hose
227677**	1" M x 1" M Whip Hose connected to Model 002276 1" F x 1" F Reconnectable Safe-T-Break®
581277**	1" M x 1" M Whip Hose connected to Model 005812 1" F x 1" F Non-Reconnectable Safe-T-Break®
002278	1" M x 1" M (25 mm M x 25 mm M) Whip Hose with Swivel Nut

Guards

MODEL NO.	DESCRIPTION
003098**	Safe-T-Break® Scuff Guard

Accessories, Maintenance, and Testing

Model No.	Description	
007000	Safe-T-Break® Drain Cup	
003813	Safe-T-Break® Demonstration Kit	

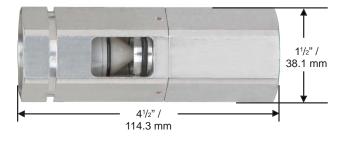
Color Chart

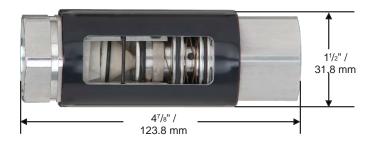
COLOR SUFFIX	SUFFIX	COLOR	
Blue	-01	White	-06
Red	-02	Gold	-08
Green	-03	Silver	-09
Black	-04	BP Green	-16
Yellow	-05	Pink	-20

 $\star\star safe-T-Breaks^{\circ}$ and Safe-T-Break $^{\circ}$ Scuff Guards are to be ordered with the corresponding guard color option added to the model number.

 $\ensuremath{\mathsf{Example:}}$ If BLUE guards are desired, add guard color option -01 to the model number (004034-01).

For custom colors, a minimum order of 4,000 guards will be required.







Stop the flow of fluid on both sides of the separation.

Model 007219

- Non-reconnectable Safe-T-Break.®
- Low profile design.
- Thread sealant not required with BSPP threads.
- 100% DEF compatible parts.
- Instant-closing, dual poppet check valve design.
- Maximum separation of 300 lbf / 1334.5 N.
- · Comes standard with guard.

Model 008216

- Reconnectable Safe-T-Break.[®]
- Maximum separation of 200 lbf / 889.6 N.
- 100% DEF compatible parts.

Model 008216

Thread sealant not required with BSPP threads.

- Instant-closing, dual poppet check valve design.
- · Comes standard with guard.

Model 012070

- Reconnectable Safe-T-Break.[®]
- Maximum separation of 200 lbf / 889.6 N.
- 100% DEF compatible parts.
- Instant-closing, dual poppet check valve design.
- Comes standard with guard.
- DEF compatible thread sealant required for 3/4" NPT threads.

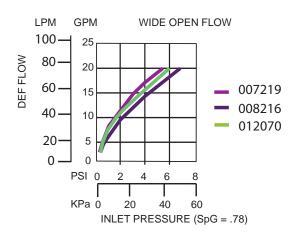
Model 012070/012659

Safe-T-Breaks®

MODEL NO.	DESCRIPTION SHIPPING WEIG	GHT LBS (KG)
007219	1" M x 1" M Stainless Steel Non-Reconnectable Safe-T-Break®	0.90 (.40)
008216	1" M x 1" M Stainless Steel Reconnectable Safe-T-Break®	0.94 (.43)
012070^	3/4" F x 3/4" F NPT Reconnectable Safe-T-Break®	0.54 (.20)
012659^	3/4" F x 3/4" F BSPP Reconnectable Safe-T-Break	°.54 (.20)
		^ NOT LISTED

Construction

Body	Stainless Steel, 012070 - Anodized Aluminum
Seals	Fluorocarbon
Inlet	1" / 25.4 mm BSPP, 012070 - 3/4" / 19.1 mm NPT



Model 007219









Rev 7 12/19



GENERAL FUELING PRODUCTS DICIC Safe-T-Break®

Stop the flow of fluid on both sides of the separation.

Dimensions and System Options

SAFE-T-BREAKS®

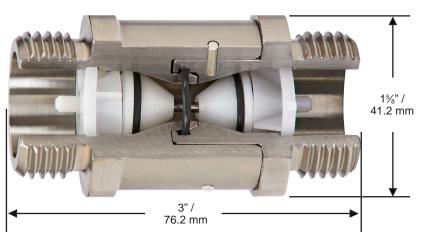
Guards

MODEL NO.	DESCRIPTION
007224	Black Scuff Guard
006534	Dispenser Scuff Guard
003097	Scuff Guard

Accessories, Testing and Maintenance

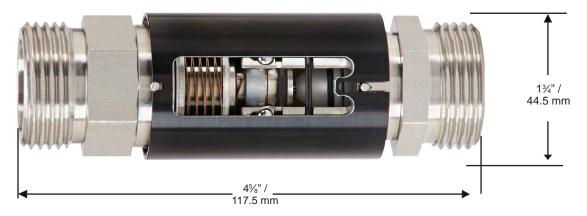
MODEL NO.	DESCRIPTION	
007407	1" BSPP Seal Kit Assembly	

Model 007219





Model 008216







High Volume STB

All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

Models 002276, 003076 and 003076A

- Retains UL listing after reconnection.
- Internal pressure balancing chamber prevents "line shock" nuisance separations.
- Separates at less than 200 lbf / 889.6 N which minimizes "backlash" force of separation, reducing damage to equipmen.

Model 005231

Retains UL listing after reconnection.



- Uses the same internal pressure balancing chamber as Model 002276.
- Separates at less than 115 lbf / 511.5 N.

Model 005812 and 006914

- Light-weight, inexpensive and disposable.
- Same instant-closing dual poppet check valve design as Model 002276.
- Separates at less than 300 lbf / 1334.4 N.

Model 006301

- Internal Pressure Compensating Chamber (PCC) that prevents "line shock" nuisance separations.
- Same instant-closing dual poppet check valve as Model 002276.
- Separates at less than 225 Ibf / 1000.8 N.

Reconnectable with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGH	T LBS (KG)
002276**	1" F x 1" F Reconnectable Safe-	T-Break®	.75 (.34)
005231**	1" F x 1" F Reconnectable Low-	Pull Safe-T-Break®	.75 (.34)

Non-reconnectable with NPT

MODEL NO.	DESCRIPTION	Shipping weigh	T LBS (KG)
005812**	1" F x 1" F Non-Reconne	ectable Safe-T-Break®	.61 (.27)
006301**	1" F x 1" F PCC Non-Red	connectable Safe-T-Break®	.69 (.31)

Reconnectable with BSPP

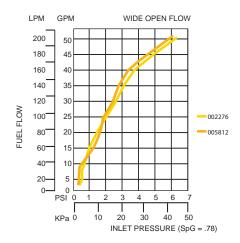
MODEL NO.	DESCRIPTION	SHIPPING WEIGH	IT LBS (KG)
003076**	1" F x 1" F Reconnectable	Safe-T-Break®	.75 (.34)
003076A*	1" F x 1" F Reconnectable	Safe-T-Break® - Atex	.75 (.34)

Non-reconnectable with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)	
006914**	1" F x 1" F Non-Reconr	nectable Safe-T-Break®	.61 (.27)
		**See page 2 for guar	d color options

Construction

Reconnec	Reconnectable Safe-T-Breaks®		
Body	Aluminum		
Seals	Fluorocarbon		
Springs	Stainless Steel		
Stainless s	teel load and latch spring reverse mechanism		
Hardened	stainless steel latch ring and balls		
Non-Reco	nnectable Safe-T-Breaks®		
Body	Zinc Alloys and Aluminum		
Seals	Fluorocarbon		



Model 002276

Model 005812





0-6 SAFE-T-BREAKS[®]

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SAFE-T-BREAKS®



All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

Dimensions and System Options

Whip Hoses

GENERAL FUELING PRODUCTS

MODEL NO.	DESCRIPTION	
002277	1" M x 1" M (25 mm M x 25 mm M) Whip Hose	
227677**	1" M x 1" M Whip Hose connected to Model 002276 1" F x 1" F Reconnectable Safe-T-Break®	
581277**	1" M x 1" M Whip Hose connected to Model 005812 1" F x 1" F Non-Reconnectable Safe-T-Break®	
002278	1" M x 1" M (25 mm M x 25 mm M) Whip Hose with Swivel Nut	

Guards

MODEL NO.	DESCRIPTION
003098**	Safe-T-Break [®] Scuff Guard

Accessories, Maintenance, and Testing

MODEL NO.	DESCRIPTION	
007000	Safe-T-Break® Drain Cup	
003813	Safe-T-Break® Demonstration Kit	

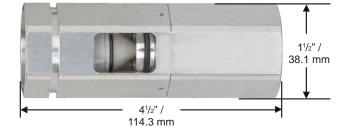
Color Chart

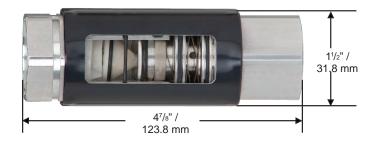
COLOR SUFFIX	SUFFIX	COLOR	
Blue	-01	White	-06
Red	-02	Gold	-08
Green	-03	Silver	-09
Black	-04	BP Green	-16
Yellow	-05	Pink	-20

**Safe-T-Breaks® and Safe-T-Break® Scuff Guards are to be ordered with the corresponding guard color option added to the model number.

Example: If BLUE guards are desired, add guard color option -01 to the model number (004034-01).

For custom colors, a minimum order of 4,000 guards will be required.







Balance Vapor STB



All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

Model 3360VR

- Reconnectable Safe-T-Break® for balance vapor recovery systems coaxial hoses with fuel on the "inside", vapor return on the "outside".
- Unique in-line latching mechanism requires less force to reconnect Safe-T-Break® after a separation.
- Unique vapor valve stops vapors from escaping after a drive away.
- Separates at less than 200 lbf / 889.6 N to minimize backlash damage.
- Patented wave spring design minimizes nuisance breaks.

Model 005900

- Non-reconnectable Safe-T-Break[®] for balance vapor recovery systems coaxial hoses with fuel on the "inside", vapor return on the "outside".
- Internal pressure compensating chamber isolates shear pin from line shock preventing nuisance breaks.
- Separates at less than 250 lbf / 1112.1 N to minimize backlash damage.
- Same built-in vapor valve as Model 3360VR.

Reconnectable

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
3360VR**	Reconnectable Safe-T-Break*	1.3 (.5)

Non-reconnectable

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
005900**	Non-Reconnectable Safe-T-Break®	1.2 (.5)
		**See page 2 for guard color options

Construction

Texas Commission on

Environmental Quality

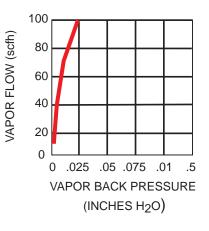
Body	Aluminum
Seals	Fluorocarbon
Springs	Stainless Steel
Threads	1 ⁷ / ₈ ″ x 12
	Stainless steel load and latch spring reverse mechanism Hardened stainless steel latch ring and balls



Model 3600VR



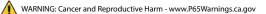
Model 005900



Missouri Department of Natural Resources







SAFE-T-BREAKS®

All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

Dimensions and System Options

Whip Hoses

MODEL NO.	DESCRIPTION
002715	10" / 254 mm Coaxial Whip Hose
3360VR**-333	Reconnectable Safe-T-Break® connected to Model 002715 Coaxial Whip Hose

Guards

MODEL NO.	DESCRIPTION
003990**	Scuff Guard for 3360VR Safe-T-Break®
005895**	Scuff Guard for 005900 Safe-T-Break®

Accessories, Maintenance, and Testing

MODEL NO.	DESCRIPTION
007000	Safe-T-Break® Drain Cup

Color Chart

COLOR	SUFFIX	COLOR	SUFFIX
Blue	-01	White	-06
Red	-02	Gold	-08
Green	-03	Silver	-09
Black	-04	BP Green	-16
Yellow	-05	Pink	-20

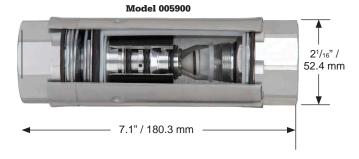
 ** Safe-T-Breaks° and Safe-T-Break° Scuff Guards are to be ordered with the corresponding guard color option added to the model number.

 $\ensuremath{\mathsf{Example:}}$ If BLUE guards are desired, add guard color option -01 to the model number (004034-01).

For custom colors, a minimum order of 4,000 guards will be required.

Model 3360VR

21/16"/ 52.4 mm







SAFE-T-BREAKS[®]

Vacuum Assist STB 🕼

All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

Model 004034

- Reconnectable Safe-T-Break® for the vapor assist systems: coaxial hoses with fuel "outside" hose, vapor return "inside" hose.
- Meets the reconnect endurance test of the UL Standard 567 Ninth Edition.
- Unique vapor valve stops vapors from escaping after a drive away.
- Separates at less than 200 lbf / 889.6 N to minimize backlash damage.
- Unique pre-loaded shock absorbing wave spring minimizes nuisance breaks.

Model 006560

- Reconnectable Safe-T-Break® designed for the Veeder-Root® 900301 and VST Enviro-Loc® primary hose with ORVR valve.
- Same style and design as Model 004034 including the same fuel / vapor paths and separation force.
- Model 005134
- Non-reconnectable Safe-T-Breaks® in the same style and design as Model 004034, including the same fuel / vapor paths and separation force.

Models 004034A/005134A

• Separates between 180-337 Ibf / 800-1500 N.

Reconnectable

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
004034**	Reconnectable Safe-T-Break®	1.0 (.45)
004034A*	Reconnectable Safe-T-Break* - At	ex 1.0 (.45)
006560**	Reconnectable Safe-T-Break® for	ORVR 1.0 (.45)

Non-reconnectable

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)			
005134**	Non-reconnectable Safe-T-Break®			1.0 (.45)
005134A*	Non-reconnectable Safe-T-Break®	- Atex		1.0 (.45)

**See page 2 for guard color options

GENERAL FUELING PRODUCTS

Construction

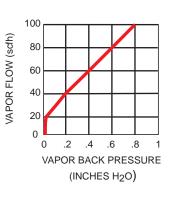
Body	Aluminum
Seals	Fluorocarbon
Springs	Fiber Reinforced Teflon®
Threads	004034, 004034A, 005134 and 005134A = M34 x 1.5 006560 = $1^{1}\!\!\!/_4''$ - 18
	Stainless steel load and latch spring reverse mechanism Hardened stainless steel latch ring and balls

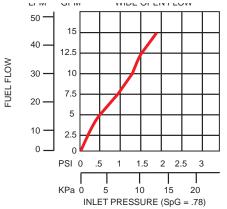


Model 004034



Model 005134









All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

Dimensions and System Options

Guards

Model No.	Description
003098**	Scuff Guard for 004034, 004034A, 005134, 005134A and 006560 Safe-T-Breaks [®]

Color Chart

COLOR	SUFFIX	COLOR	SUFFIX
Blue	-01	White	-06
Red	-02	Gold	-08
Green	-03	Silver	-09
Black	-04	BP Green	-16
Yellow	-05	Pink	-20

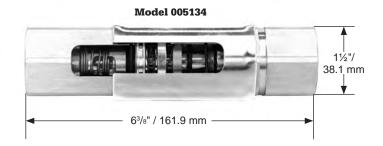
**Safe-T-Breaks® and Safe-T-Break® Scuff Guards are to be ordered with the corresponding guard color option added to the model number.

Example: If BLUE guards are desired, add guard color option -01 to the model number (004034-01).

For custom colors, a minimum order of 4,000 guards will be required.

Model 004034 & 006560









All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation.

- Compatible with unleaded, diesel and all Ethanol blends through E85.
- Unit is lightweight, inexpensive and disposable.
- Features same instant closing dual poppet check valve design as Model 006360.

E85 Safe-T-Breaks®

 Maximum separation of 300 lbf / 1334.5 N.

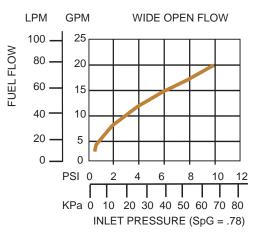
E85 Safe-T-Breaks®

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
006273	¾" F x ¾" F Standard Non-Reco	onnectable
	Safe-T-Break [®]	.30 (.13)

Construction

Body	Aluminum with Electroless Nickel Plating
Seals	Fluorocarbon
Springs	Stainless Steel
Threads	¾″ / 19.1 mm NPT







Model 006273





All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation.

Dimensions and System Options

Whip Hoses

MODEL NO.	DESCRIPTION
002274	$^{3}\!$
002275	¾" / 19.1 mm M x ¾" / 19.1 mm M Standard Whip Hose with Swivel Nut

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007000	Safe-T-Break® Drain Cup
003813	Safe-T-Break® Demonstration Kit

Model 006273





VAC ASSIST MAGBREAK®



All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

- High impact resistant polymer housing.
- Two straight screwdrivers used to separate.
- Easier "separate to inspect" method than competition.
- Assurance of proper reconnection using a simple "twist of lock" feature.
- Low scuff housing.

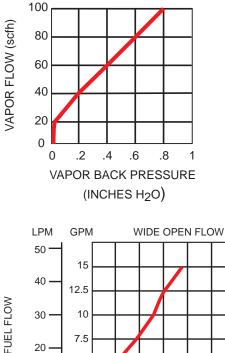
- Stops flow on both sides of break.
- Reconnectable Safe-T-Break[®] for the vapor assist systems: coaxial hoses with fuel "outside" hose, vapor return "inside" hose.
- Unique vapor valve stops vapors from escaping after a drive away.
- Separates at less than 225 lbs / 1000.9 N to minimize backlash damage.

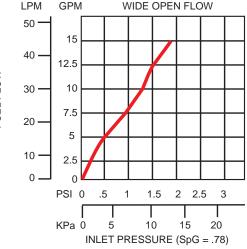
New Vac Assist MAGBREAK®

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
008332	MAGBREAK [®] Coax M34 CK	1.36 (.62)

Construction

Body	Aluminum
Seals	Fluorocarbon
Springs	Fiber Reinforced Teflon®
Threads	8332 = M34 x 1.5





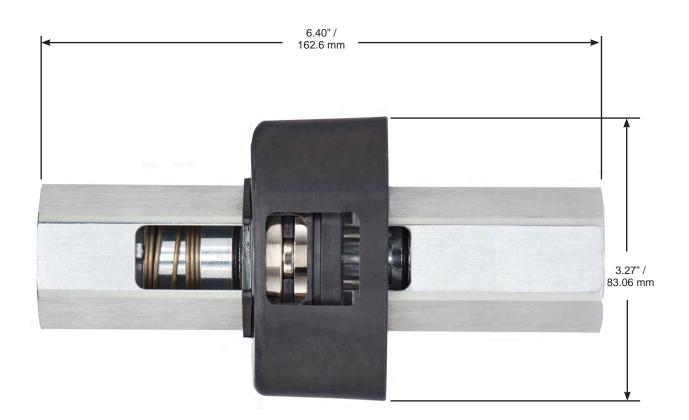






All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

Dimensions





E25 Safe-T-Breaks®



-

All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation.

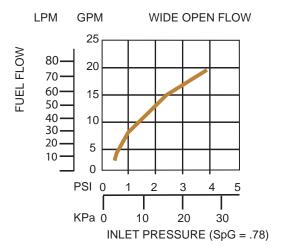
- Compatible with unleaded, diesel and all Ethanol blends through E25.
- Unusual interface between a pre-loaded spring and a single turn wave spring that enables valve to resist sudden pressure build-up in the hose resulting in nuisance separations.
- Retains the UL listing after being reconnected.
- Unit separates at less then 200 lbf / 889.6 N which minimizes "backlash" force of separation, reducing damage to equipment.

E25 Safe-T-Breaks®

MODEL NO.	DESCRIPTION	SHIPPING V	WEIGHT LBS (KG)
006360	34" F x 34" F Reconnectable Safe	-T-Break®	.58 (.26)

Construction

Body	Aluminum with Electroless Nickel Plating	
Seals	Fluorocarbon	
Springs	Stainless Steel	
Threads	¾″ / 19.1 mm NPT	
	Stainless steel load and latch spring reverse mechanism	
Hardened stainless steel latch ring and ball		









All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation.

Dimensions and System Options

Guards	5
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MODEL NO.	DESCRIPTION
003097	Black Scuff Guard

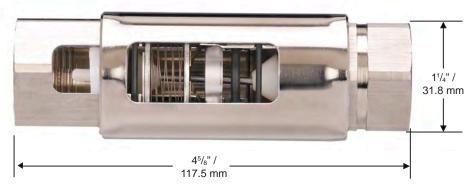
Whip Hoses

MODEL NO.	DESCRIPTION
002274	$3\!$
002275	$3\!$

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007000	Safe-T-Break [®] Drain Cup
003813	Safe-T-Break® Demonstration Kit

Model 006360







Inline <mark>STB</mark>



10-12 SAFE-T-BREAKS®

Inline SAFE-T-BREAK®.

- Threads directly into nozzle inlet.
- Separates at 180-337 lbs (800-1500N).
- · Reconnectable.
- · Stops flow on hose side of break.
- Separates at angles up to 90 degrees.
- Aluminum internal flow director - stronger than Elaflex plastic design.
- Check valve o-ring to ensure reliable fuel shutoff, not included on Elaflex.

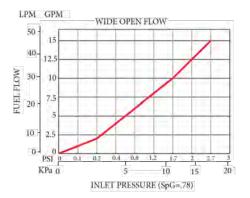
New Inline SAFE-T-BREAK®

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
008521A	Inline Safe-T-Break®	.45 (.20)

Construction

Body	Aluminum	
Seals	Fluorocarbon	
Threads	M34 x 1.5	







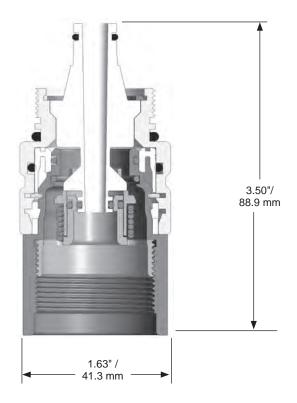


Inline STB

Inline SAFE-T-BREAK[®].

Dimensions







2325 Husky Way • Pacific, MO 63069 (800) 325-3558 • Fax (636) 825-7300 www.husky.com • sales@husky.com

Rev 2 1/20

E25/E85 MAGBREAK®



All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

- High impact resistant polymer housing.
- · Compatible with unleaded, diesel, and all Ethanols blends through E85
- Features same separation mechanism as Model 008330
- ³/₄-pound lighter than competing magnetic breakaways.
- Two straight screwdrivers used to separate.
- Easier "separate to inspect" method than competition.

- Assurance of proper reconnection using a simple "twist to lock" feature.
- · Absorb line shock in excess of 450 psi at 17 gpm (31 bar at 64.3 Lpm)
- · Low scuff housing.
- Line shock absorbing design.
- Stops flow on both sides of break.

New MAGBREAK®

30.0

25.0

20.0

MODEL NO.	DESCRIPTION	SHIPPING WEI	GHT LBS (KG)
014647	MAGBREAK [®] ³ / ₄ " F x ³ / ₄ " F E25/ (Separates at less than 200 po		1.21 (.55)

014647 MagBreak®

Back Pressure Performance

14 16 18 20

Fuel Flow (GPM) 15.0 10.0 5.0 0.0 2 4 8 10 12 0 6 Inlet Pressure (PSI)







All Husky[®] Safe-T-Breaks[®] stop the flow of fuel on both sides of the separation and have passed the demanding UL test requirements on separations without leaking or failing.

Dimensions







Swivel/Safe-T-Break[®] Combos



SWIVEL/SAFE-T-BREAKS®

Swivel/STB Standard



Husky Model 006310 Swivel Safe-T-Break[®] combination for standard fueling applications.

- Multi-plane, full 360° spherical rotation for easy movement of nozzle.
- Swivel Sync® feature to • prevent separation failure in the 90° position.
- Safe-T-Break[®] is reconnectable and retains UL • Compatible with Ethanol listing after reconnecting.
- Dual check valves stops fuel in both directions.
- Separates at less than • 325 lbf / 1,445.6 N which minimizes backlash force of separations, reducing damage to equipment.

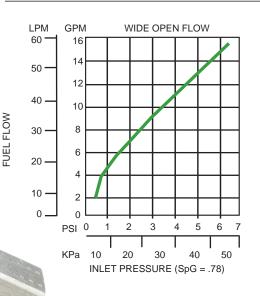
- Wave spring helps reduce nuisance breaks due to water hammer.
- Dynamic seals have double o-ring construction for long life and low temperature performance.
- blends though E10.
- · Compact and light weight for easy handling.
- Easier to reconnect when installed at the nozzle.
- · Eliminates the need for a whip hose.

Swivel/Safe-T-Break® Combination

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
006310	34" NPT M x 34" NPT F Multi-Plane Reconnectable Safe-T-Break®	e Swivel .90 (.40)
007085	³ ⁄ ₄ " BSP M x ³ ⁄ ₄ " BSP F Multi-Plane Reconnectable Safe-t-Break®	Swivel .90 (.40)
007085A*	¾" BSP M x ¾" BSP F Multi-Plane Reconnectable Safe-t-Break® - Ate	
010959	M34 M x ¾" BSP F Mult-Plane Swi Reconnectable Safe-T-Break®	vel .90 (.40)

Construction

Body	Aluminum, Zinc Alloy
Seals	Fluorosilicone, Fluorocarbon
Springs	Stainless Steel
Threads	Various





SWIVEL/SAFE-T-BREAKS®



Husky Model 006310 Swivel Safe-T-Break® Combination for standard fueling applications.

Dimensions

Guards

MODEL NO.	DESCRIPTION		
006534	Scuff Guard for Safe-T-Break®		





Swivel/STB High Volume

GENERAL FUELING PRODUCTS

Husky[®] Model 005969 Swivel Safe-T-Break[®] Combination for truck and high volume fueling.

- Multi-plane, full 360° spherical rotation for easy movement of nozzle.
- Swivel Sync[®] feature to prevent separation failure in the 90° position.
- High strength step shoulder bearing diameters and impact absorbing stops.
- Dynamic seals have double o-ring construction for long life and low temperature performance.
- Separates at less than 325 lbf / 1,445.6 N which minimizes backlash force of separations, reducing damage to equipment.

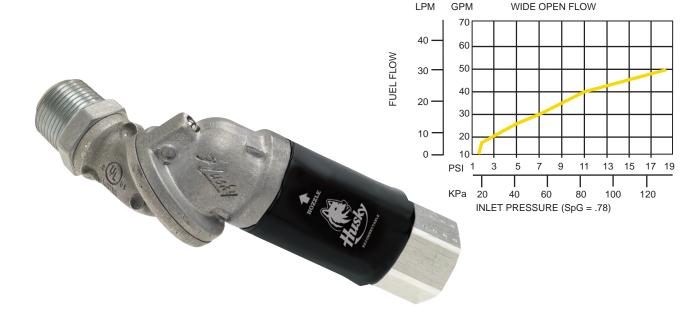
- Safe-T-Break[®] is reconnectable and retains UL listing after reconnecting.
- Dual check valves stop fuel in both directions.
- Internal pressure balancing chamber prevents "line shock" nuisance separations.
- Compatible with Ethanol blends through E10.
- Compact and light weight for easy handling.
- Easier to reconnect when installed at the nozzle.
- Eliminates the need for a whip hose

Swivel/Safe-T-Break® Combination

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
005969	1" NPT M x 1" NPT F Multi-Plane Swivel	
	Reconnectable Safe-T-Break*	1.5 (0.7)
008015	1" BSP M x 1" BSP F Multi-Plane Swivel	
	Reconnectable Safe-T-Break®	1.5 (0.7)
008015A*	1" BSP M x 1" BSP F Multi-Plane Swivel	
	Reconnectable Safe-T-Break* - At	ex 1.5 (0.7)
008612	M42 M x 1" BSP F Multi-Plane Swivel	
	Reconnectable Safe-T-Break®	1.5 (0.7)
008614	M34 M x 1" BSP F Multi-Plane Swivel	
	Reconnectable Safe-T-Break®	1.5 (0.7)
008985	1" BSP M x 1" BSP M Multi-Plane Swivel	
	Reconnectable Safe-T-Break® 1.5 (0.7)	
008985A*	1" BSP M x 1" BSP M Multi-Plane	Swivel
	Reconnectable Safe-T-Break [®] - A	tex 1.5 (0.7)

Construction

Aluminum, Zinc Alloy
Fluorocarbon
Stainless Steel
Various





SWIVEL/SAFE-T-BREAKS®

Husky[®] Model 005969 Swivel Safe-T-Break[®] Combination for truck and high volume fueling.

Dimensions and System Options

Guards

MODEL NO.	DESCRIPTION
006534	Scuff Guard for Safe-T-Break®

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007000	Safe-T-Break [®] Drain Cup











Features

- Single Plane 360° Rotation
- Unique to Husky[®] products, the steel ball bearing design provides easier joint movement during high pressure applications.
- Safe-T-Break[®] is service reconnectable
- Check valve to stop flow of fuel on hose side
- Check valve O-ring to ensure reliable fuel shut-off

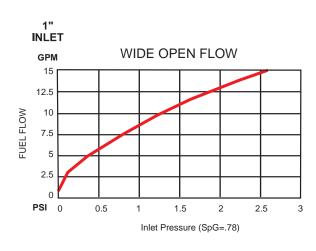
Inline Combo

- Separates between 180 lbs. and 337 lbs.
- Separates at angles up to 90°
- Compact and easy to handle
- Fuel/Diesel or DEF versions available

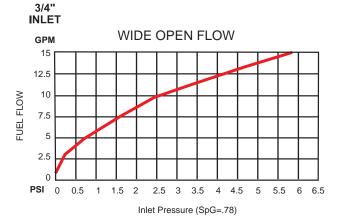
Construction

Body: Anodized aluminum Seals: Fluorocarbon Nuts: Stainless steel, electroless nickel-plated steel

MODEL NO.	Scuff Guard	Fuel/ DEF	Swivel	Swivel Thread	STB Thread	ATEX	Shipping Weight
012828	Х	DEF	360°	3/4" SP M	3/4" BSP F	—	.90lbs/.40KG
012831	Х	DEF	360°	3/4" NPT M	3/4" NPT F	_	.90lbs/.40KG
012887	Х	DEF	360°	3/4" BSP M	1" BSP F	_	.90lbs/.40KG
012890	Х	DEF	360°	3/4" BSP M	1" BSP M	_	.80lbs/.36KG
013185	Х	DEF	360°	M34 M	1" BSP M	_	.80lbs/.36KG
014438	Х	DEF	360°	1" BSP M	1" BSP M	_	.90lbs/.40KG
013530A*	Х	FUEL	360°	1" BSP M	1" BSP M	Х	.90lbs/.40KG
013530	Х	FUEL	360°	1" BSP M	1" BSP M	_	.90lbs/.40KG
013827A*	Х	FUEL	360°	3/4" BSP M	3/4" BSP M	Х	.80lbs/.36KG









Swivel/STB Inline Combo

Inline COMBO

Dimensions and System Options

Guards

MODEL NO.	DESCRIPTION
0008526	Scuff Guard for Safe-T-Break®













HUSKY[®] Guards

Safe-T-Break® Guards

Protects dispenser from

damage caused by the

Safe-T-Break® and whip

Protects the Safe-T-Break[®]

against corrosion due to

environmental exposure.

Enhanced protection of the

Safe-T-Break® during

Provides a clean / more streamline appearance.

Available in multiple colors

to coordinate with the

Available with E85 logo.

separations.

nozzle guards.

hose.



For nozzles and Safe-T-Breaks.®



Nozzle Guards

- Nozzle Guards, Nozzle Reguards, Waffle Splash Guards and Safe-T-Break[®] Guards are to be ordered with the corresponding color option added to the model number.
- Custom colors are available for all Nozzle Guards, Nozzle Reguards, Waffle Splash Guards and Safe-T-Break[®] Guards.
- The Safety / Warning logo will be printed on all Nozzle Guards and Nozzle Reguards.
- The E85 logo is available on all Nozzle Guards, Nozzle Reguards and Safe-T-Break[®] Guards upon request.
- A customized logo can be printed on any Nozzle Guard or Nozzle Reguard upon request

Easy-On Guard Package

MODEL NO.	DESCRIPTION
003440	X, XS®, XFS Nozzles (includes 003795 Mate Nozzle Guard and 012117 Fluted Handle Cover)
011597	V34 International Nozzles (includes 014526 Mate Nozzle Guard and 010089 Handle Cover)
014524	X, XS®, XFS International Nozzles (includes 014530 Mate Nozzle Guard and 007361 Handle Cover)



Full Grip Nozzle Guards

MODEL NO.	DESCRIPTION
000554	1A, 1GS, 1HS Nozzles
004145	X, XS [®] , XFS Nozzles
004740	VIII, VIIIS Nozzles
005170	V3 Nozzles
006483	Safe-T-Squeeze® Nozzles
006951	V34 Nozzles

Full Grip Nozzle Reguards (includes zip tie)

MODEL NO.	DESCRIPTION
001804	1A, 1GS, 1HS Nozzles
001806	X, XS [®] , XFS Nozzles
005516	VIII, VIIIS Nozzles
004231	V34 Nozzles
005169	V3 Nozzles

Nozzle Guard Packages

MODEL NO.	DESCRIPTION
000099	1A, 1HS Nozzle Protection Package (includes 000554 Full Grip Nozzle Guard and 001808 Waffle Splash Guard)
001506	X, XS® Nozzle Protection Package (includes 004145 Full Grip Nozzle Guard and 001808 Waffle Splash Guard)
001809	X, XS® Nozzle Reguard Package (includes 001806 Full Grip Reguard, Zip Tie and 001808 Waffle Splash Guard)
001811	1A, 1HS Nozzle Reguard Package (includes 001804 Full Grip Reguard, Zip Tie and 001808 Waffle Splash Guard)

Waffle Splash Guards

MODEL NO.	DESCRIPTION
001807	Waffle Splash Guard (small hole)
001808	X, XS [®] , 1A, 1HS, VIII, VIIIS Nozzles
006955	V3 Nozzles

Safe-T-Break[®] Guards

MODEL NO.	DESCRIPTION
003096	003360, 006130, and 005230 Safe-T-Breaks®
003098	002276, 004034, 005134, 006210, 006301, and 006560 Safe-T-Breaks*
003990	003360VR Safe-T-Break®
006534	006310 Swivel Safe-T-Break [®] Combo
006503	2 piece Safe-T-Break® Dispenser Guard

Mate Nozzle Guards

MODEL NO.	DESCRIPTION
000226	1A, 1GS, 1HS, DEF Nozzles
003795	X, XS [®] , XFS Nozzles
007295	1A, 1GS, 1HS, DEF Handle Cover
007361	X, XS [*] , XFS, DEF X, PHG Handle Cover
010089	V34, PHG Handle Cover
012117	X, XS [®] , XFS Fluted Handle Cover
014526	V34 International Nozzles
014530	X, XS [®] , XFS International Nozzles
015257	1A, 1GS, 1HS, DEF International Nozzles





HUSKY[®] Guards

For nozzles and Safe-T-Breaks.®



Color Chart

COLOR	SUFFIX	COLOR	SUFFIX
Blue	-01	White	-06
Red	-02	Gold	-08
Green	-03	Silver	-09
Black	-04	BP Green	-16
Yellow	-05	Pink	-20

*Safe-T-Breaks® and Safe-T-Break® Scuff Guards are to be ordered with the corresponding guard color option added to the model number.

Example: If BLUE guards are desired, add guard color option -01 to the model number (004034-01).

For custom colors, a minimum order of 4,000 guards will be required.





Guard **P(**

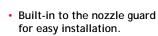


Point of purchase display nozzle guards.

- Allows additional advertising at the point of fuel purchases.
- Unique angled design for easy readability both hanging in dispenser and while fueling.
- stabilizer for durability and to prevent discoloring.

Clear cover contains UV

- for easy installation.
- Guards come standard with clear cover to protect the advertisement.





Full Grip Nozzle Guards

MODEL NO.	DESCRIPTION
006665	X, XS [®] , XFS Nozzles
006655	1A, 1HS, 1GS Nozzles
007352	VIII, VIIIS Nozzles
006660	V34 Nozzles
007175	11A Nozzles
007180	11B Nozzles
008183	1A, 1GS, 1HS, Nozzles
008184	V34 Nozzle
008185	X, XS [®] , XFS Nozzles
008186	VIII, VIIIS, Nozzles
008187	11A Nozzles
008188	11B Nozzles

Full Grip Nozzle Reguards

MODEL NO.	DESCRIPTION
007205	X, XS [®] , XFS Nozzles
007210	1A, 1HS, 1GS Nozzles
007220	V34 Nozzles
007225	11A Nozzles
007230	11B Nozzles
008194	VIII, VIIIS Nozzles
008190	1A, 1GS, 1HS Nozzles
008191	V34 Nozzle
008192	X, XS [®] , XFS Nozzles
008193	VIII, VIIIS Nozzles
008195	11A Nozzles
008196	11B Nozzles

Clear Cover

MODEL NO.	DESCRIPTION
006628	POPD S Clear Cover
008181	POPD H Clear Cover

EZ Guards

MODEL NO.	DESCRIPTION
008179	1A, 1GS, 1HS Nozzles
008175	X, XS [®] , XFS Nozzles
008177	VIII, VIIIS Nozzles
007990	11A Nozzles
007992	11B Nozzles
008180	1A, 1GS, 1 HS Nozzles
008176	X, XS [®] , XFS Nozzles
008178	VIII, VIIIS Nozzles
007991	11A Nozzles
007993	11B Nozzles



GUARDS



POPD Guards

Point of purchase display nozzle guards.

System Options

Mate Nozzle Guards

MODEL NO.	DESCRIPTION
008169	1A, 1GS, 1HS Nozzles
008165	X, XS [®] , XFS Nozzles
008167	VIII, VIIIS Nozzles
008171	11A Nozzles
008173	11B Nozzles
008170	1A, 1GS, 1HS Nozzles
008166	X, XS [®] , XFS Nozzles
008168	VIII, VIIIS Nozzles
008172	11A Nozzles
008174	11B Nozzles
015247	X,XS International Polymer Handguard Nozzles
015253	X,XS International Polymer Handguard Nozzles without Clear Cover

Black Handle Cover

MODEL NO.	DESCRIPTION
007361	X,XS,XFS Polymer Handguard Nozzles
007376	1A, 1HS, 1GS and DEF Nozzles
012117	X,XS,XFS Metal Handguard Nozzles

Waffle Splash Guard

MODEL NO.	DESCRIPTION
001808	X, XS [®] , 1A, 1HS, VIII, VIIIS Nozzles
001807	11A, 11B Nozzles

Color Chart

COLOR	SUFFIX	COLOR	SUFFIX
Blue	-01	White	-06
Red	-02	Gold	-08
Green	-03	Silver	-09
Black	-04	BP Green	-16
Yellow	-05	Pink	-20

 * Safe-T-Breaks" and Safe-T-Break" Scuff Guards are to be ordered with the corresponding guard color option added to the model number.

Example: If BLUE guards are desired, add guard color option -01 to the model number (004034-01).

For custom colors, a minimum order of 4,000 guards will be required.









Spouts



1GS Spouts



- Stainless Steel Spout Bushing (optional on LDD).
- Streamshaper®.
- Keeps spout tip round.
- Reduces turbulence for straighter fuel flow and less splashback spillage.





Unlead Spout Assemblies

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
001473	X, XS [®] , 1A, 1GS Spout Assembly with Streamshaper [®]	.3 (.14)
003356	XFS Spout Assy with Hanging Hook and Streamshaper®	.5 (.23)
008684	X, XS [®] , 1A, 1GS MTBE Spout Assem with Streamshaper [®]	nbly .3 (.14)
010432	X, XS [®] , 1A, 1GS Long Spout Assem with Streamshaper [®]	bly .4 (.18)
014376	X, XS [®] , 1A, 1GS Spout Assembly w with Streamshaper [®]	ithout Spout Spring, .4 (.18)
014420	X, XS [®] , 1A, 1GS Spout Assembly w Spout Ring	ith Streamshaper® and .4 (.18)

Light Duty Diesel Spout Assemblies

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
001471	X, XS [®] , 1A, 1GS Spout Assembly with Streamshaper [®]	.4 (.18)
003358	XFS Spout Assembly with Hanging	Hook .6 (.27)
014378	X, XS [®] , 1A, 1GS Spout Assembly without Spout Spring, with Streamshaper [®] .4 (.18)	
014421	X, XS [®] , 1A, 1GS Spout Assembly with Streamshaper [®] and Spout Ring .4 (.18)	

High Flow/High Volume Spout Assemblies

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
005215	1HS, 1GS Spout Assembly	.4 (.18)

SPOUT ASSEMBLIES





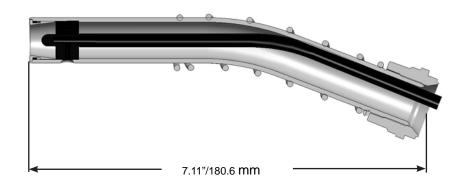




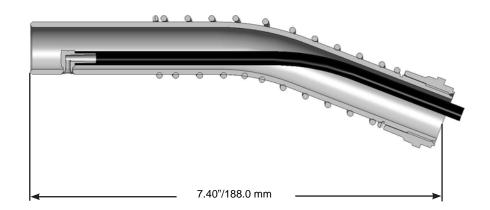
Spout assemblies.

Dimensions

Unlead Spouts



Light Duty Diesel Spout



High Flow/High Volume Spout







DEF Spouts



SPOUT ASSEMBLIES

Spout assemblies.

- Spout assemblies with the Streamshaper® reduces turbulence for straighter DEF flow and less splash back spillage.
- Spout assemblies with the Accufuel® safety feature prevents misfilling of DEF in the diesel tank.
- Spout assemblies with the Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

Stainless Steel DEF Nozzle Spout Assemblies

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
007360	with Spout Ring and Flo-Stop®	.4 (.18)
007362	with Flo-Stop®	.4 (.18)
007364	with Spout Ring and Magnetic Accufuel® Safety Feature .4 (.18)	

X DEF Nozzle Spout Assemblies

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
013285	with StreamShaper®	.4 (.18)
013286	with Spout Ring and Magnetic Accufuel® Safety Feature .4 (.18)	

Polymer DEF Nozzle Spout Assemblies

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
013591	with StreamShaper®	.4 (.18)
013592	with Spout Ring and StreamShape	er* .4 (.18)
013593	with Spout Ring and Magnetic Acc	cufuel [®] Safety Feature .4 (.18)



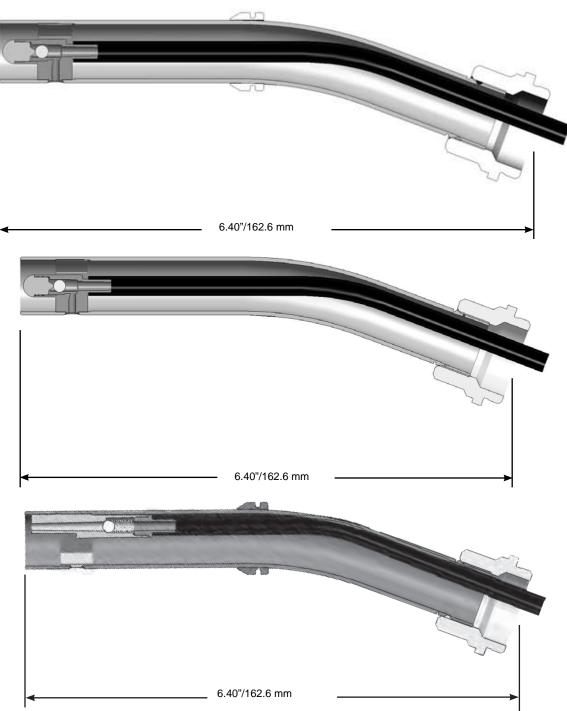






Spout Assemblies.

Dimensions





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MADE IN THE U.S.A.

VIII, VIIIS <mark>Spouts</mark>



Spout assemblies.

- Aluminum Spout Bushing.
- · Flow stop device.
- Reduces rounding in of spout.
- Retains spout spring.
- Shuts off flow when spout is raised above horizontal.

High Flow/High Volume Spout Assemblies

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
002279	VIII, VIIIS Spout Assembly with Spout Bushing	.9 (.41)
003589	VIII, VIIIS Long Spout Assembly without Spout Bushing	1.0 (.45)
004889	1690 High-Volume Spout Assembly without Shear Groove (USA)	.5 (.23)
005017	VIII, VIIIS Spout Assembly without Spout Bushing	.9 (.41)
005042	1691 High-Volume Spout Assembly with Shear Groove (Canada)	.5 (.23)
005215	1HS, 1GS Spout Assembly	.4 (.18)
007218	VIII, VIIIS Long Spout Assembly with Spout Bushing	1.0 (.45)







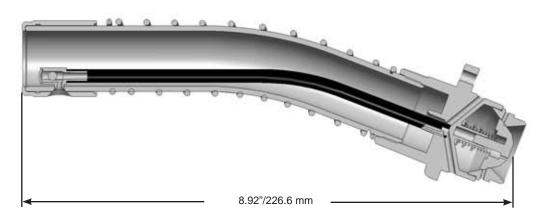


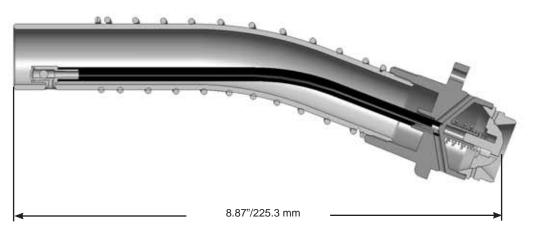


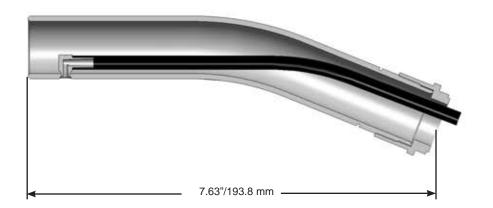
Spout assemblies.

Dimensions

High Flow/High Volume Spouts









V3 & V34 Spouts



Spout assemblies.

- Stainless steel spout bushing.
- Streamshaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Keeps spout tip round.



V3 Spout Kit

Vacuum Assist Vapor Recovery Unlead Spout Assemblies

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
004000	V34 Vapor Splash Guard (VSG) (Includes 004039 Clamp)	.1 (.05)
004039	VSG Single Use Clamp	.1 (.05)
006289	V3 Spout Assy Kit(Includes 006389 Assembly and 006955 Waffle Splas	
006291	V34 Spout Assy Kit (Includes 0040 006391 Spout Assembly)	00 VSG and .3 (.14)
006389	V3 Spout Assembly (without Waffl	le Splash Guard) .2 (.09)
006391	V34 Spout Assembly with Streams	haper [®] .3 (.14)
006656	V34-006536 VSG (Includes 004039	Clamp) .1 (.05)
006663	V34-006536 Spout Assembly Kit (Includes 006391 Spout Assembly	and 006656 VSG) .3 (.14)
008411	V34i Spout Assembly Kit with Stre (Includes 003877 O-Ring and 0065	
008642	V34-006200 Coaxial Spout Assemb (Includes 009968 Spout Assembly	
009968	V34-006200 Coaxial Spout Assemb	oly .2 (.09)

Vacuum Assist Vapor Recovery Light Duty Diesel Spout Assemblies

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
006261	V34C Spout Assembly Kit (Includes	s 004000 Vsg) .4 (.18)
006361	V34 Spout Assembly Kit (Includes	004039 Clamp) .3 (.14)





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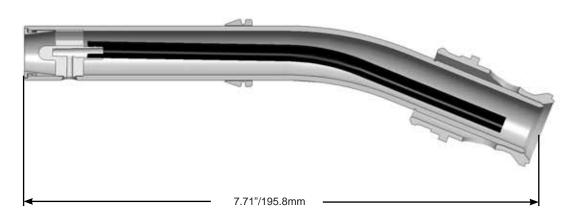
SPOUT ASSEMBLIES



Spout assemblies.

Dimensions

Vacuum Assist Vapor Recovery





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Rev 3 8/18

E85 Spouts



SPOUT ASSEMBLIES

Spout assemblies.

- Nickel plated aluminum spout.
- Streamshaper®
- Stainless Steel Spout Bushing.
- E85 compatible.
- Keeps spout tip round.
- Reduces turbulence for straighter fuel flow and less splashback spillage.



Ethanol Spout Assemblies

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
006207	X, XS [®] E85 Spout Assembly with	
	Streamshaper®	.4 (.18)



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Rev 3 1/20

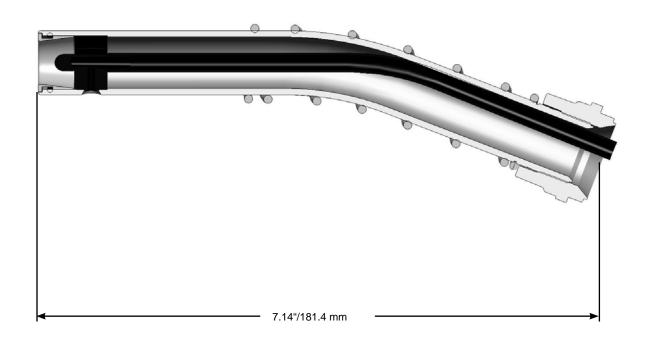






Spout Assemblies.

Dimensions







Pressure/Vacuum Vents



P/V Vents



Model 008060 has three (3) separate valves that address pressure/vacuum conditions in underground storage tanks (UST) and above ground storage tanks (AST).

- Husky pressure / vacuum (P/V) vents incorporate three (3) separate valves to control over-pressure and vacuum conditions that arise in storage tanks. The three (3) valve system provides the necessary protection and durability needed in UST and AST vent caps.
- The vacuum valve is diaphragm operated and provides ten (10) times more sealing force than gravity devices. It consistantly opens at 6" -8" of water column (WC) / 2 - 2.5 KPa vacuum.
- The first over-pressure valve is diaphragm operated, giving ten (10) times more sealing force than gravity devices. It opens at 8" - 12" WC / .75 - 1.5 KPa pressure.

- The safety over-pressure valve is designed to handle high pressure / high flow conditions. This valve will vent up to 7900 SCFH at 2 psi / .14 bar.
- Threaded vent cap that is easily installed by using the cast-on hex nut which allows tightening without having to go between vent pipes.
- Not for use in California / EVR applications.
- Constructed from materials 100% compatible with B0-B20 and E0-E85.

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
008060	2" / 51 mm Thread-On Pressure /	
	Vacuum Vent Cap	1.2 (.54)

Construction

Body	Aluminum
Screen	40 Mesh Stainless Steel
Set Screws	Stainless Steel
Deflector	Aluminum



This component was tested to and met the following criteria:

PRES. 8-12 IN. W.C.	
VAC. 6-8 IN. W.C.	
.05 CFH @ +2 IN. W.C.	
.21 CFH @ -4 IN. W.C.	



PRESSURE/VACUUM VENTS





All Pressure/Vacuum Vents have three (3) separate valves that address pressure/vacuum conditions in underground storage tanks (UST) and above ground storage tanks (AST).

Dimensions and System Options

Adapter

MODEL NO.	DESCRIPTION
005041	3 in / 76 mm Thread to 2 in / 51 mm Thread Pipe Adapter

Testing Equipment

MODEL NO.	DESCRIPTION
005426	Pressure / Vacuum Vent Test Adapter







P/V Vents



All Pressure/Vacuum Vents have three (3) separate valves that address pressure/vacuum conditions in underground storage tanks (UST) and above ground storage tanks (AST).

Model 004620 and 004885

- The three (3) valve system provides the necessary protection and durability needed in UST and AST vent caps.
- The vacuum valve is diaphragm operated and provides ten (10) times more sealing force than gravity devices. It consistently opens at 6" -10" of water column (WC) / 1.5 - 2.5 KPa vacuum.
- The first over-pressure valve is diaphragm operated, giving ten (10) times more sealing force than gravity devices. It opens at 2.5" - 6" WC / .63 - 1.5 KPa pressure.
- Not for use in California / EVR applications.
- Model 004885 is certified to less than 1/3 of the CARB EVR Standard CP-201 which allows installation of three (3) P/V Vents maximum. This reduces installation time by not having to manifold the vent pipes together.
- Model 004885 is a threaded vent cap that is easily installed by using the caston hex nut which allows tightening without having to go between vent pipes.
- Model 004620 is a slip-on vent cap with a main pliable seal that seals to the vent stack and provides leakproof protection because the seal is at the end of the vent stack, not on the threads.

- Model 004620 uses four (4) stainless steel set screws to grip the vent stack preventing any loosening of the seal.
- Constructed from materials 100% compatible with B0-B20 and E0-E85.

Model 005885*

- Has an internal screen to protect the pressure plate in the event of a bad bulk drop.
- The safety over-pressure valve is designed to handle high pressure / high flow conditions. This valve will vent up to 7900 SCFH at 2 psi / .14 bar.
- Certified to less than 1/3 of the CARB EVR Standard CP-201 which allows installation of three (3) P/V vents maximum. This reduces installation time by not having to manifold the vent pipes together.
- Has a threaded vent cap that is easily installed by using the cast-on hex nut. This also allows tightening without having to go between vent pipes.
- Constructed from materials 100% compatible with B0-B20 and E0-E85.

Pressure/Vacuum Vents

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
004620	2 in / 51 mm Slip-On Pressure / Vacuum Vent Cap	1.2 (.54)
004885	2 in / 51 mm Thread-On Pressure Vacuum Vent Cap	/ 1.2 (.54)
005885*	2 in / 51 mm Thread-On Pressure Vacuum Vent Cap with internal so	•

Construction

.21 CFH @ -4 IN. W.C.

Body	Aluminum
Screen	40 Mesh Stainless Steel
Internal Screen	40 Mesh Stainless Steel (005885 only)
Set Screws	Stainless Steel
Deflector	Aluminum



This component was tested to and met the following criteria:		
PRES. 2.5-6 IN. W.C.		
VAC. 6-10 IN. W.C.		
05 CEH @ +2 IN W C	_	



PRESSURE/VACUUM VENTS





All Pressure/Vacuum Vents have three (3) separate valves that address pressure/vacuum conditions in underground storage tanks and above ground storage tanks (AST).

Dimensions and System Options

Adapter

MODEL NO.	DESCRIPTION
005041	3 in / 76 mm Thread to 2 in / 51 mm Thread Pipe Adapter

Testing Equipment

MODEL NO.	DESCRIPTION
005426	Pressure / Vacuum Vent Test Adapter









Testing & Maintenance



Nozzle Service Kit

For Conventional, Balance or Vacuum Assist Systems.

- Nozzle Service Device (NSD) can be used with all brands / styles of retail nozzles.
- NSD provides easier removal and installation of nozzles - keeps nozzles off the ground.
- Safe-T-Break® Drain Cup can be used with all brands of breakaways - even nonreconnectable versions.
- Safe-T-Break® Drain Cup allows for pressure relief making reconnecting easier.
- Fuel Filter Cup can be used on all brands / styles of automotive and diesel dispenser fuel filters.

- Provides safe collection of fuel when replacing nozzles, Safe-T-Breaks[®] and fuel filters.
- Allows product maintenance without getting fuel directly on hands / skin.
- NSD, Safe-T-Break® Drain Cup, Fuel Filter Cup, wrench and pliers all fit inside the service pail for easy transportation.

Nozzle Service Kit

007089 Nozzle Service Kit(includes part 006662 NSD, 007000 Safe-T-Break* Drain Cup, 007004, Fuel Filter Cup, 007086 Service Pail, 007088 NSD Pliers, 007332 Shear Valve Wrench and 007098 Fuel Filter Tool) 9 5 (4 3	MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
	007089	part 006662 NSD, 007000 Safe-T- Drain Cup, 007004, Fuel Filter Cu 007086 Service Pail, 007088 NSD	, qL

Basic Nozzle Service Kit

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
007262	Basic Nozzle Service Kit (includes part 006662 NSD, 007000 Safe-T- Drain Cup, 007004, Fuel Filter Cup and 007086 Service Pail)	

Deluxe Nozzle Service Kit

007263 Deluxe Nozzle Service Kit (includes part 006662 NSD, 007000 Safe-T-Break® Drain Cup, 007004, Fuel Filter Cup, 007086 Service Pail, 007332 Shear Valve Wrench, 007348 Deluxe Service Pliers and 007349 Deluxe Fuel Filter Pliers) 9.5 (4.3	MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
	007263	part 006662 NSD, 007000 Safe-T- Drain Cup, 007004, Fuel Filter Cu 007086 Service Pail, 007332 Shea Wrench, 007348 Deluxe Service F	Break® up, ar Valve Pliers

Part No. 007262

Construction

Service Pail	Steel
Nozzle Service Device (NSD)	Polypropylene
Safe-T-Break® Drain Cup	Polypropylene
Fuel Filter Cup	Plastisol



TESTING & MAINTENANCE

usky **Nozzle Service Kit** GENERAL FUELING PRODUCTS

For Conventional, Balance, or Vacuum Assist Systems.

System Options

Nozzle Service Kit Parts

MODEL NO.	DESCRIPTION	
006662	Nozzle Service Device (NSD)	
007000	Safe-T-Break® Drain Cup	
007004*	Fuel Filter Cup	
007086	Service Pail	
007088	NSD 12" Pliers	
007098	Fuel Filter Tool (Wrench)	
007099	Fuel Filter Service Kit (includes part 007004 Fuel Filter Cup and 007098 Fuel Filter Tool)	
007332	Shear Valve Wrench	
007348	Deluxe Service Pliers	
007349	Deluxe Fuel Filter Pliers	
007350	Deluxe Service Took Kit (includes 007332 Shear Valve Wrench, 007348 Service Pliers, and 007349 Fuel Filter Pliers)	
008071	Fuel Filter Cap with 5" Base	

Color Chart

COLOR	SUFFIX	COLOR	SUFFIX
Blue	-01	White	-06
Red	-02	Gold	-08
Green	-03	Silver	-09
Black	-04	BP Green	-16
Yellow	-05	Pink	-20

*Safe-T-Breaks[®] and Safe-T-Break[®] Scuff Guards are to be ordered with the corresponding guard color option added to the model number.

Example: If BLUE guards are desired, add guard color option -01 to the model number (004034-01).

For custom colors, a minimum order of 4,000 guards will be required.





Part No. 007000



Part No. 007004







TESTING & MAINTENANCE

Hose Conversion Adaptor

 Easy conversion of vapor recovery dispenser manifold to accept conventional hose configurations.



		· · /
006941	Hose Conversion Adaptor M34 x 1.5	.18 (.40)
006959	Hose Conversion Adaptor Balanced	.26 (.57)
009500	Hose Conversion Adaptor 1-1/4" -18	.18 (.40)

Specifications

- 1 piece machined aluminum fittings
- Fluorocarbon o-rings.

Advantages

Simple installation





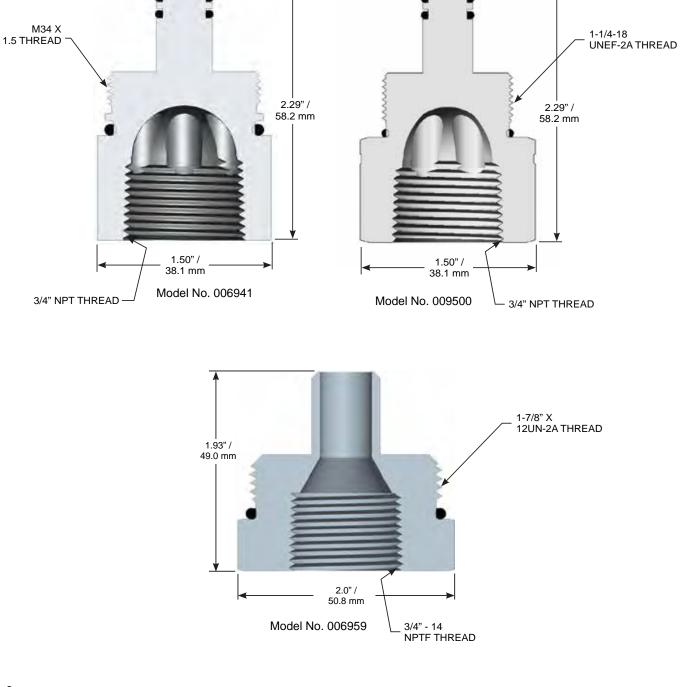




Hose Conversion Adaptor

Dimensions

TESTING & MAINTENANCE







Flo-EqualizersTM



FLO-Equalizer®



Husky Flo-Equalizers[®] limit fuel flow to a maximum 10 gpm / 37.9 Lpm to comply with Comprehensive Environmental Response, Compensation, and Liability Act.

- All Husky Flo-Equalizers® are pressure compensating and allow full advantage of high capacity pumps.
- Low pressure loss at flows less than 10 gpm / 37.9 Lpm.

Model 004490

- For conventional systems.
- Installs in-line within the fuel line.
- Comes standard with pipe nipple for easy installation.



Model 004490

- Model 005827
- For balance vapor recovery systems.
- Installs directly into the dispenser outlet casting.

Model 005837

- For vacuum assist vapor recovery systems.
- Installs directly into the dispenser outlet casting.

Model 007490

- For conventional nozzles with ¾" / 19 mm inlet.
- · Installs into nozzle inlet.

and de la

Model 007490







Model 005837



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

Rev 4 1/20

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
004490	34" F x 34" F NPT threads	.37 (0.16)
005827	1 ⁷ %" x 12 threads	.43 (0.19)
005837	M34 x 1.5 threads	.37 (0.16)
007490	Internal use only	.02 (0.01)

Construction

Flo-Equalizer®

Body	004490, 005827 and 005837: Aluminum	
	007490: Plastic	
Seals	004490 and 700490: N/A	
	005827 and 005837: Fluorocarbon	

FLO-EQUALIZERS®



FLO-Equalizer®

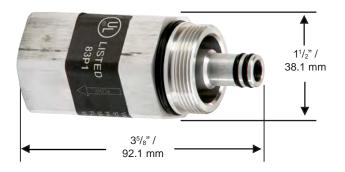
Husky Flo-Equalizers[®] limit fuel flow to a maximum 10 gpm / 37.9 Lpm to comply with Comprehensive Environmental Response, Compensation, and Liability Act.

Dimensions





Model 005827



Model 005837







DEF Adaptors







Diesel Exhaust Fueling Adaptors.

- 007214, 007285, 007356, 008413, 010579, 010675, 011477 and 012872 adaptors have stainless steel construction.
- 010227, 010549, 010551 and 010553 adaptors have polymer construction.
- 007214, 007285, 007356 and 008413 adaptors are UL recognized components and certified for DEF.



Model 008413

Diesel Exhaust Adaptors

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
007214	Hose Barb ³ /4" ID Hose x ³ /4" BSPP with Seal Kit	.22 (.10)
007285	1"M x 1"M BSPP Straight Adaptor	.29 (.13)
007356	1"M BSPP x M M34 Straight Adapte	or .30 (.13)
008413	Hose Barb 3/4" ID Hose x 1" BSPP with Seal Kit	.29 (.13)
010227	1" F BSPP Adaptor	.20 (.10)
010549	1" F BSPP x 1" NPT Adaptor	.20 (.10)
010551	1" F BSPP x ³ / ₄ " NPT Adaptor	.20 (.10)
010553	1" F BSPP x ³ / ₄ " BSP Adaptor	.20 (.10)
010579	1" F BSPP x ³ / ₄ " Hose Barb Adapto	ır .20 (.10)
010675	1" F x 1" F BSPP Straight Adaptor	.20 (.10)
011477	1" M BSPP x 3/4" F NPT Straight A	Adaptor .22 (.10)
012872	1" M BSPP x 3/4" F BSPP Straight	Adaptor .22 (.10)

Model 007356



Model 007285





DEF ADAPTORS



DEF Adaptors

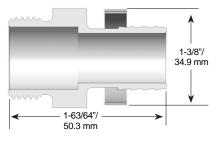
Diesel Exhaust Fueling Adaptors.

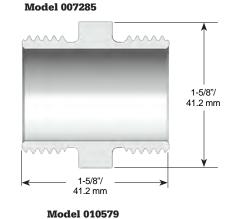
Dimensions and System Options

Accessories

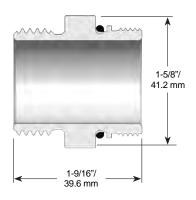
MODEL NO.	DESCRIPTION
007406	3/4" DEF Seal Kit
007407	1" DEF Seal Kit

Model 007214

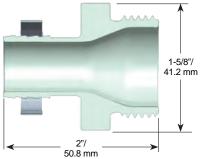




Model 007356

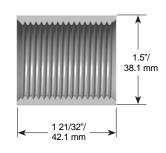


Model 008413

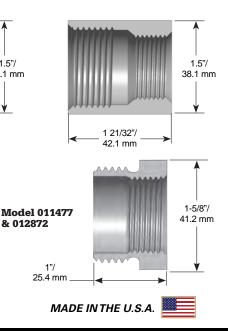


1-1/2"/ 38.1 mm 2-3/16"/ 55.6 mm

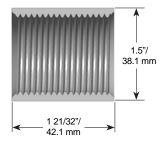
Model 010675



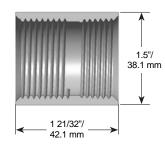
Model 010553

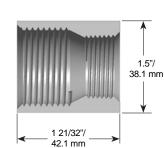


Model 010227









Model 010551

2325 Husky Way • Pacific, MO 63069 (800) 325-3558 • Fax (636) 825-7300 www.husky.com • sales@husky.com

Rev 6 1/20







Resists kinking and

Improves ozone and

Improves draping and

eliminates meter creep.

abrasion resistance while providing increased life.

handling characteristics.

· Will not mark or scratch

• Hose material is private

branded and UL Listed to

vehicle finishes.

UL 330 and CAN/ ULC-S612-99.

All curb pump hose

assemblies are 100% pressure tested, inspected

for electrical continuity

and sample pull tested.



HUSKY HOSES

Premium Hardwall Gasoline Pump Hose.

- Recommended anywhere a hardwall hose is required.
- Recommended for all gasoline and gasoline/ Ethanol blends at Ethanol levels designated as "gasohol" (E15 maximum or less), diesel fuel and diesel fuel/biodiesel blends with nominal biodiesel concentrations up to 20% (B0-B20), kerosene and fuel oil (heating oil), leaded and unleaded gasoline.
- Designed for durability, flexibility, and easy handling.
- Highly resistant to cuts, abrasions, sun and weather.
- ARDWALL GASOLINE HOSE . N. MH20471

Hardwall Hoses

MODEL NO.	DESCRIPTION	SHIPPING WEIGI	HT LBS (KG)
5/8" HOSES			
CP10HW01	5/8" Hardwall	1' Assembly Hose	0.39 (0.58)
CP10HW09	5/8" Hardwall	9' Assembly Hose	3.5 (1.6)
3/4" HOSES			
CP12HWG08	3/4" GreenHa	rdwall 8' Assembly Hose	3.8 (1.7)
CP12HWG09	3/4" Green Ha	ardwall 9' Assembly Hose	4.2 (1.9)
CP12HWG09S\	/ 3/4" Green Ha	ardwall 9' Assembly Hose Swivel	4.2 (1.9)
CP12HWG10	3/4" Green Ha	ardwall 10' Assembly Hose	4.7 (2.1)
CP12HWG12SV	/ 3/4" Green Ha	ardwall 12' Assembly Hose Swivel	5.6 (2.5)
CP12HWR10	3/4" Red Hard	Iwall 10' Assembly Hose	4.7 (2.1)
CP12HW09	3/4" Hardwall	9' Assembly Hose	4.2 (1.9)
CP12HW09.5	3/4" Hardwall	9.5' Assembly Hose	4.5 (2.0)
CP12HW09SV	3/4" Hardwall	9' Assembly Hose Swivel	4.2 (1.9)
CP12HW12	3/4" Hardwall	12' Assembly Hose	5.6 (2.5)
CP12HW14	3/4" Hardwall	14' Assembly Hose	6.6 (3.0)
CP12HW14X	3/4" Hardwall	14' Assembly Hose Bulk	6.6 (3.0)
CP12HW15X	3/4" Hardwall	14' Assembly Hose Bulk	6.6 (3.0)
CP12HW17	3/4" Hardwall	17' Assembly Hose	8.0 (3.6)
CP12HW9.5X	3/4" Hardwall	9.5' Assembly Hose Bulk	4.5 (2.0)
1" HOSES			
CP16HW01	1" Hardwall 1	Assembly Hose	0.64 (0.95)
CP16HW06	1" Hardwall 6	Assembly Hose	3.8 (1.7)
CP16HW10	1" Hardwall 1	0' Assembly Hose	6.4 (2.9)
CP16HW10X	1" Hardwall 1	0' Assembly Hose Bulk	6.4 (2.9)
CP16HW15	1" Hardwall 1	5' Assembly Hose	9.6 (4.4)
CP16HW15X	1" Hardwall 1	5' Assembly Hose Bulk	9.6 (4.4)
CP16HW17	1" Hardwall 1	7' Assembly Hose	10.9 (4.9)
CP16HW20X	1" Hardwall 2	0' Assembly Hose Bulk	12.8 (5.8)

Construction

Tube	Black Nitrile
Cover	Black CPE (chlorinated polyethylene), wrap impression
Reinforcement	Multiple textile braids with dual static wire helix
Temperature Range	-40°F to +180°F (-40°C to +82°C)
Body	3/4" Red or Green Hardwall Available



HUSKY HOSES

Premium Hardwall Gasoline Pump Hose.

System Options

GENERAL FUELING PRODUCTS

Available in these Sizes

11)	NON	1 OD	MAX	(WP	WEI	GHT
Size	MM	IN	ММ	PSI	MPA	LB/FT	KG/M
5/8″	16	1.03	26	150	1.03	0.39	0.58
3/4″	19	1.17	30	150	1.03	0.47	0.70
1″	25	1.45	37	150	1.03	0.64	0.95

Couplings

Permanent internally expanded fixed chrome plated brass or external crimp zinc (L type).

Reattachable fixed and Reattachable swivel 3/4" and 1" male NPT. UL does not recognize field installation of reattachable fittings.







EagleFlex[®] Softwall



HUSKY HOSES

Softwall Gasoline Pump Hose.

- A lightweight, flexible hose
 Excellent strength without for use when a hardwall hose is inappropriate.
- · Recommended for all gasoline and gasoline/ Ethanol blends at Ethanol levels designated as "gasohol" (E15 maximum or less), diesel fuel and diesel fuel/biodiesel blends with nominal biodiesel concentrations up to 20% (B0-B20), kerosene and fuel oil (heating oil), leaded and unleaded gasoline. Eastories HW 3/4 Softwall Casoline Hose Listed GEN WHY
- sacraficing flexibility.
- Highly resistant to cuts, abrasions, sun and weather.
 - Smooth cover will not mark or scratch vehicle finishes.
 - · All curb pump hose assemblies are 100% pressure tested, inspected for electrical continuity and sample pull tested.

Softwall Hoses

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
3/4" HOSES		
CP12SW04X	3/4" Softwall 4' Assembly Hose Bu	ulk 1.4 (0.6)
CP12SW09	3/4" Softwall 9' Assembly Hose	3.1 (1.4)
CP12SW10	3/4" Softwall 10' Assembly Hose	3.4 (1.5)
CP12SW10X	3/4" Softwall 10' Assembly Hose E	Bulk 3.4 (1.5)
CP12SW12	3/4" Softwall 12' Assembly Hose	4.1 (1.9)
CP12SW14	3/4" Softwall 14' Assembly Hose	4.8 (2.2)
CP12SW14X	3/4" Softwall 14' Assembly Hose E	Bulk 4.8 (2.2)
CP12SW17	3/4" Softwall 17' Assembly Hose	5.8 (2.6)
CP12SW20	3/4" Softwall 20' Assembly Hose	6.8 (3.1)
CP12SW30	3/4" Softwall 30' Assembly Hose	10.2 (4.6)
CP12SW40	3/4" Softwall 40' Assembly Hose	13.6 (6.2)
CP12SW50	3/4" Softwall 50' Assembly Hose	17.0 (7.7)
CP12SW9.5	3/4" Softwall 9.5' Assembly Hose	3.2 (1.5)
1" HOSES		
CP16SW10	1" Softwall 10' Assembly Hose	4.7 (2.1)
CP16SW11	1" Softwall 11' Assembly Hose	5.2 (2.4)
CP16SW12	1" Softwall 12' Assembly Hose	5.6 (2.5)
CP16SW14	1" Softwall 14' Assembly Hose	6.6 (3.0)
CP16SW14X	1" Softwall 14' Assembly Hose Bul	k 6.6 (3.0)
CP16SW17	1" Softwall 17' Assembly Hose	8.0 (3.6)
CP16SW20	1" Softwall 20' Assembly Hose	9.4 (4.3)
CP16SW20X	1" Softwall 20' Assembly Hose Bul	lk 9.4 (4.3)
CP16SW60	1" Softwall 60' Assembly Hose	28.2 (12.8)

Construction

Tube	Black Nitrile
Cover	Black CPE (chlorinated polyethylene), smooth finish
Reinforcement	Multiple textile braids static wire
Temperature Range	-40°F to +180°F (-40°C to +82°C)



HUSKY HOSES

EagleFlex[®] Softwall

Softwall Gasoline Pump Hose.

GENERAL FUELING PRODUCTS

System Options

Available in these Sizes

11)	NON	1 OD	MAX	(WP	WEI	GHT
Size	MM	IN	ММ	PSI	MPA	LB/FT	KG/M
3/4″	19	1.10	28	150	1.03	0.34	0.51
1″	25	1.39	35	150	1.03	0.47	0.63

Couplings

Permanent internally expanded fixed 3/4" and 1" male NPT chrome plated brass or external crimp zinc (L type).

Swivel couplings are not available with softwall hose.









HUSKY HOSES

Wirebraid Gasoline Pump Hose.

- Recommended anywhere a hardwall or softwall hose is inappropriate.
- Recommended for all gasoline and gasoline/ Ethanol blends at Ethanol levels designated as "gasohol" (E15 maximum or less), diesel fuel and diesel fuel/biodiesel blends with nominal biodiesel concentrations up to 20% (B0-B20), kerosene and fuel oil (heating oil), leaded and unleaded gasoline.
- Resistant to crushing and stands up to run-over.
- Highly resistant to cuts, abrasions, sun and weather.
- EFTER UNE SEA DISERTER DE LE REGERE DE LE RE

Flexibility of a softwall, durability of a hardwall.

- Assures accurate readings at the pump.
- Will not mark or scratch vehicle finishes.
- Hose material is private branded and UL Listed to UL 330 and CAN/ ULC-S612-99.
- All curb pump hose assemblies are 100% pressure tested, inspected for electrical continuity and sample pull tested.

Wirebraid Hoses

Wincord		
MODEL NO. D	DESCRIPTION SHIPPING WI	EIGHT LBS (KG)
5/8" HOSES		
CP10WB08	5/8" Wirebraid 8' Assembly Hose	2.8 (1.3)
CP10WB09	5/8" Wirebraid 9" Assembly Hose	0.26 (0.12)
CP10WB09.5	5/8" Wirebraid 9.5' Assembly Hose	3.3 (1.5)
CP10WB10	5/8" Wirebraid 10' Assembly Hose	3.5 (1.6)
CP10WB14	5/8" Wirebraid 14' Assembly Hose	4.9 (2.2)
CP10WB9.5X	5/8" Wirebraid 9.5' Assembly Hose Bulk	3.3 (1.5)
3/4" HOSES		
CP12WB04	3/4" Wirebraid 4' Assembly Hose	1.7 (0.8)
CP12WB05	3/4" Wirebraid 5' Assembly Hose	2.1 (1.0)
CP12WB06	3/4" Wirebraid 6' Assembly Hose	2.5 (1.1)
CP12WB08	3/4" Wirebraid 8' Assembly Hose	3.4 (1.5)
CP12WB09	3/4" Wirebraid 9' Assembly Hose	3.8 (1.7)
CP12WB09SV	3/4" Wirebraid 9' Assembly Hose Swivel	3.8 (1.7)
CP12WB10	3/4" Wirebraid 10' Assembly Hose	4.2 (1.9)
CP12WB10X	3/4" Wirebraid 10' Assembly Hose Bulk	4.2 (1.9)
CP12WB12	3/4" Wirebraid 12' Assembly Hose	5.0 (2.3)
CP12WB12SV	3/4" Wirebraid 12' Assembly Hose Swivel	5.0 (2.3)
CP12WB12X	3/4" Wirebraid 12' Assembly Hose Bulk	5.0 (2.3)
CP12WB14	3/4" Wirebraid 14' Assembly Hose	5.9 (2.7)
CP12WB15SV	3/4" Wirebraid 15' Assembly Hose Swivel	6.3 (2.9)
CP12WB16	3/4" Wirebraid 16' Assembly Hose	6.7 (3.0)
CP12WB20	3/4" Wirebraid 20' Assembly Hose	8.4 (3.8)
CP12WB50X	3/4" Wirebraid 50' Assembly Hose Bulk	21.0 (9.5)
1" HOSES		
CP16WB04	1" Wirebraid 4' Assembly Hose	2.0 (0.9)
CP16WB06	1" Wirebraid 6' Assembly Hose	3.0 (1.4)
CP16WB08	1" Wirebraid 8' Assembly Hose	4.0 (1.8)
CP16WB09	1" Wirebraid 9' Assembly Hose	4.5 (2.0)
CP16WB10	1" Wirebraid 10' Assembly Hose Bulk	5.0 (2.3)
CP16WB10X	1" Wirebraid 10' Assembly Hose	5.0 (2.3)
CP16WB100SV	1" Wirebraid 100' Assembly Hose Swivel	50.0 (22.7)
CP16WB100SVS		
	on both ends	50.0 (22.7)
CP16WB12	1" Wirebraid 12' Assembly Hose	6.0 (2.7)
CP16WB12SV	1" Wirebraid 12' Assembly Hose Swivel	6.0 (2.7)
CP16WB13	1" Wirebraid 13' Assembly Hose	6.5 (3.0)
CP16WB14	1" Wirebraid 14' Assembly Hose	7.0 (3.2)
CP16WB14X	1" Wirebraid 14' Assembly Hose Bulk	7.0 (3.2)
CP16WB16	1" Wirebraid 16' Assembly Hose	8.0 (3.6)
CP16WB18	1" Wirebraid 18' Assembly Hose	9.0 (4.1)
CP16WB18X	1" Wirebraid 18' Assembly Hose Bulk	9.0 (4.1)
CP16WB20	1" Wirebraid 20' Assembly Hose	10.0 (4.5)
CP16WB20X	1" Wirebraid 20' Assembly Hose Bulk	10.0 (4.5)
CP16WB30	1" Wirebraid 30' Assembly Hose	15.0 (6.8)
CP16WB50SV	1" Wirebraid 50' Assembly Hose Swivel	25.0 (11.3)

Construction

Tube	Black Nitrile
Cover	Black CPE (cholrinated polyethylene), wrap impression
Reinforcement	Multiple textile braids with full diameter grounding sheath
Temperature Range	-40°F to +180°F (-40°C to +82°C)



Wirebraid Gasoline Pump Hose.

System Options

Available in these Sizes

11)	NON	1 OD	MAX	(WP	WEI	GHT
Size	MM	IN	ММ	PSI	MPA	LB/FT	KG/M
5/8″	16	0.97	25	150	1.03	0.35	0.52
3/4″	19	1.10	28	150	1.03	0.42	0.63
1″	25	1.34	34	150	1.03	0.50	0.74

Couplings

Permanent internally expanded fixed chrome plated brass or external crimp zinc (L type).

Reattachable fixed and Reattachable swivel 3/4" and 1" male NPT. UL does not recognize field installation of reattachable fittings.





EagleFlex[®] Farm Tank 🙋



HUSKY HOSES

Gasoline Hose Assemblies with Static Wire.

- Designed for durability and flexibility.
- Oil and abrasion resistant.
- Supplied with static wire.
- Recommended for use with electric pumps.
- Static wire hose always recommended with electric motors.
- Designed for use in agricultural, industrial and construction maintenance applications.
- Engineered for dispensing gasoline, diesel, kerosene and oil from farm and barrel-type pumps where UL approval is not required.

- Curb pump hose recommended for:
 UL Listed hose material
- requirements.
- For high aromatics or severe applications.
- All Farm Tank hose assemblies are 100% inspected for electrical continuity.
- Do not use these hoses at a service station or to refuel aircraft.

Farm Fueling Hoses

	J		
MODEL NO.	DESCRIPTION	SHIPPING WEIGH	IT LBS (KG)
3/4" HOSES			
FT012S10	3/4" x 10' Fai	rm Tank Assembly Hose Bulk	2.9 (1.3)
FT012S12	3/4" x 12' Fai	rm Tank Assembly Hose Bulk	3.5 (1.6)
FT012S12B	3/4" x 12' Fai	rm Tank Assembly Hose Boxed	3.5 (1.6)
FT012S14	3/4″ x 14′ Fai	rm Tank Assembly Hose Bulk	4.1 (1.9)
FT012S14B	3/4" x 14' Far	m Tank Assembly Hose Boxed	4.1 (1.9)
FT012S15	3/4" x 15' Fai	rm Tank Assembly Hose Bulk	4.4 (2.0)
FT012S15B	3/4″ x 15′ Fai	rm Tank Assembly Hose Boxed	4.4 (2.0)
FT012S17	3/4" x 17' Fai	rm Tank Assembly Hose Bulk	4.9 (2.2)
FT012S20	3/4" x 20' Fai	rm Tank Assembly Hose Bulk	5.8 (2.6)
FT012S20B	3/4" x 20' Fai	rm Tank Assembly Hose Boxed	5.8 (2.6)
1" HOSES			
FT016S10	1" x 10' Farm	Tank Assembly Hose Bulk	4.5 (2.0)
FT016S12	1" x 12' Farm	Tank Assembly Hose Bulk	5.4 (2.4)
FT016S12B	1" x 12' Farm	Tank Assembly Hose Boxed	5.4 (2.4)
FT016S14	1" x 14' Farm	Tank Assembly Hose Bulk	6.3 (2.9)
FT016S15	1" x 15' Farm	Tank Assembly Hose Bulk	6.8 (3.1)
FT016S15B	1" x 15' Farm	Tank Assembly Hose Boxed	6.8 (3.1)
FT016S17	1" x 17' Farm	Tank Assembly Hose Bulk	7.7 (3.5)
FT016S20	1" x 20' Farm	Tank Assembly Hose Bulk	9.0 (4.1)
FT016S20B	1" x 20' Farm	Tank Assembly Hose Boxed	9.0 (4.1)
FT016S25	1" x 25' Farm	Tank Assembly Hose Bulk	11.3 (5.1)
		×	

Construction

Tube	NBR, RMA Class A
Cover	NBR/PVC RMA Class A
Reinforcement	Spiral high tensile strength polyester cord
Temperature Range	-20°F to +160°F (-29°C to +71°C)



HUSKY HOSES

Gasoline Hose Assemblies with Static Wire.

System Options

Available in these Sizes

	D	NON	1 OD	WEI	GHT
Size	MM	IN	MM	LB/FT	KG/M
³ /4″	19	1.13	29	0.29	0.43
1″	25	1.38	35	0.45	0.67

Couplings

Permanent externally crimped 3/4" and 1" NPT.







Whip <mark>Hoses</mark>



HUSKY HOSES

HARDWALL WHIP HOSE:

- · Recommended anywhere a hardwall hose is required.
- · Highly resistant to cuts, abrasions, sun and weather. Improves ozone and abrasion resistance while

providing increased life.

WIREBRAID WHIP HOSE:

- · Recommended anywhere a hardwall or softwall hose is inappropriate.
- · Provides full flow with no internal spring guards and will withstand full suction.
- Highly resistant to cuts, abrasions, sun and weather.
- · Flexibility of a softwall, durability of a hardwall.

SOFTWALL WHIP HOSE:

- A lightweight, flexible hose for use when a hardwall hose is inappropriate.
- · Highly resistant to cuts, abrasions, sun and weather.

ALL WHIP HOSES:

- Recommended for all gasoline and gasoline/ Ethanol blends at Ethanol levels designated as "gasohol" (E15 maximum or less), diesel fuel and diesel fuel/biodiesel blends with nominal biodiesel concentrations up to 20% (B0-B20), kerosene and fuel oil (heating oil), leaded and unleaded gasoline.
- Hose Material is private branded and UL listed.
- · All curb pump hose assemblies are 100% pressure tested, inspected for electrical continuity and sample pull tested.

Whip	Hoses
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MODEL NO.	DESCRIPTION	Shipping weight LBS (K	(G)
5/8" HOSES			
CP10HW.75	5/8" Hardwall 9" Assembly Hose	e 0.3 (0.1	14)
CP10HW.75L	5/8" Hardwall low cost 9" Assen	nbly Hose 0.3 (0.1	14)
CP10WB.75M	5/8" Wirebraid medium cost 9"	Assembly Hose 0.3 (0.7	14)
CP10WB.75SV	5/8" Wirebraid Swivel 9" Assem	bly Hose 0.3 (0.1	14)
CP10WB.75LSV	5/8" Wirebraid low cost Swivel	9" Assembly Hose 0.3 (0.	14)
3/4" HOSES			
CP12HW.75	3/4" Hardwall 9" Assembly Hose	e 0.3 (0.1	14)
CP12HWG.75	3/4" Green Hardwall 9" Assemb	ly Hose 0.3 (0.7	14)
CP12HW.75L	3/4" Hardwall low cost 9" Assen	nbly Hose 0.3 (0.7	14)
CP12HW.75SV	3/4" Hardwall Swivel 9" Assemb	oly Hose 0.3 (0.1	14)
CP12WB.75L	3/4" Wirebraid low cost 9" Asse	mbly Hose 0.3 (0.7	14)
CP12WB.75SV	3/4" Wirebraid Swivel 9" Assem	bly Hose 0.3 (0.1	14)
1" HOSES			
CP16HW.75	1" Hardwall 9" Assembly Hose	0.5 (0.2	23)
CP16HW.75L	1" Hardwall low cost 9" Assemb	ly Hose 0.5 (0.2	23)
CP16HW.75SV	1" Hardwall Swivel 9" Assembly	Hose 0.5 (0.2	23)
CP16WB.75L	1" Wirebraid low cost 9" Assemb	oly Hose 0.5 (0.2	23)
CP16WB.75SV	1" Wirebraid Swivel 9" Assembly	y Hose 0.5 (0.2	23)

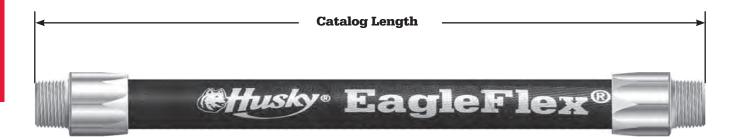








Dimension







DEF Dispensing



HUSKY HOSES

DEF hose assemblies without static wire.

- Designed for durability and flexibility.
- Abrasion resistant.
- Supplied without static wire.
- Recommended for use with electric pumps or dispensors.
- Designed for any DEF dispensing applications.

- Engineered for dispensing DEF where UL approval is not required.
- Curb pump hose recommended for:
 UL Listed hose material
 - requirements. – For high aromatics or severe applications.
- All DEF hose assemblies are 100% inspected for pressure to 50 psi.

DEF Fueling Hoses

MODEL NO.	DESCRIPTION	Shipping W	VEIGHT LBS (KG)
3/4" HOSES			
CP12DF10GP	3/4" x 10'	DEF Assembly Hose Bulk	2.9 (1.3)
CP12DF12GP	3/4″ x 12′	DEF Assembly Hose Bulk	3.5 (1.6)
CP12DF12GPX	3/4" x 12'	DEF Assembly Hose Boxed	3.5 (1.6)
CP12DF14GP	3/4" x 14'	DEF Assembly Hose Bulk	4.1 (1.9)
CP12DF14GPX	3/4″x 14′	DEF Assembly Hose Boxed	4.1 (1.9)
CP12DF15GP	3/4″ x 15′	DEF Assembly Hose Bulk	4.4 (2.0)
CP12DF15GPX	3/4″ x 15′	DEF Assembly Hose Boxed	4.4 (2.0)
CP12DF17GP	3/4″ x 17′	DEF Assembly Hose Bulk	4.9 (2.2)
CP12DF20GP	3/4" x 20'	DEF Assembly Hose Bulk	5.8 (2.6)
CP12DF20GPX	3/4" x 20'	DEF Assembly Hose Boxed	5.8 (2.6)

Construction

Tube	Black customized peroxide-cured EPDM
Cover	Black customized EPDM with smooth finish
Reinforcement	Multiple textile plies
Temperature Range	-40°F to +212°F (-40°C to +100°C)



HUSKY HOSES



DEF hose assemblies without static wire.

System Options

Available in these Sizes

ID		NOM OD		MAX WP		WEIGHT	
Size	MM	IN	MM	LB/FT	KG/M	LB/FT	KG/M
³ /4″	19	1.13	29	150	1.03	0.29	0.43

Couplings

Permanent externally crimped 3/4" NPT glass filled polypropylene stem with brass ferrule.









Premium Low Permeation Hardwall Gasoline Pump Hose.

- Recommended anywhere a hardwall hose is required.
- Recommended for all gasoline and gasoline/ Ethanol blends at Ethanol levels designated as "gasohol" (E15 maximum or less), diesel fuel and diesel fuel/biodiesel blends with nominal biodiesel concentrations up to 20% (B0-B20), kerosene and fuel oil (heating oil), leaded and unleaded gasoline where low permeation (<10g/m²/ day) is required.
- Designed for durability, flexibility, and easy handling.
- Highly resistant to cuts, abrasions, sun and weather.

- Resists kinking and eliminates meter creep.
- Improves ozone and abrasion resistance while providing increased life.
- Improves draping and handling characteristics.
- Will not mark or scratch vehicle finishes.
- Hose material is private branded and UL Listed to UL 330 for low permeation.
- All curb pump hose assemblies are 100% pressure tested, inspected for electrical continuity and sample pull tested.

Low Perm Hardwall Hoses

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
5/8" LP HOS	ES	
CP10LP8.5	5/8" Low Perm Hardwall 8.5' Assen	mbly Hose 3.8 (1.7)
CP10LP10	5/8" Low Perm Hardwall 10' Assem	bly Hose 4.7 (2.1)
3/4" LP HOS	ES	
CP12LP8.5	3/4" Low Perm Hardwall 8.5' Assen	mbly Hose 3.8 (1.7)
CP12LP8.5SV	3/4" Low Perm Hardwall 8.5' Assen Hose Swivel	nbly 4.2 (1.9)
CP12LP9	3/4" Low Perm Hardwall 9' Assemb	bly Hose 4.2 (1.9)
CP12LP9SV	3/4" Low Perm Hardwall 9' Assemb Hose Swivel	oly 4.7 (2.1)
1" LP HOSES	i	
CP16LP8	1" Low Perm Hardwall 8' Assembly	Hose 6.4 (2.9)
CP16LP14	1" Low Perm Hardwall 14' Assembly	y Hose 9.6 (4.4)

Construction

Tube	Black Nitrile
Cover	Black CPE (Chlorinated Polyethylene), wrap impression
Reinforcement	Multiple textile braids with dual static wire helix
Temperature Range	-40°F to +180°F (-40°C to +82°C)



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

HUSKY HOSES

Premium Low Permeation Hardwall Gasoline Pump Hose.

System Options

Available in these Sizes

11)	NOM OD		MAX WP		WEIGHT	
Size	MM	IN	ММ	PSI	MPA	LB/FT	KG/M
5/8″	16	1.03	26	150	1.03	0.37	0.55
3/4″	19	1.17	30	150	1.03	0.44	0.65
1″	25	1.45	37	150	1.03	0.59	0.88

Couplings

Permanent, external crimp, zinc plated steel couplings, fixed and swivel







Whip Low Perm Hoses



HUSKY HOSES

- Recommended anywhere a hardwall hose is required.
- Recommended for all gasoline and gasoline/ Ethanol blends at Ethanol levels designated as "gasohol" (E15 maximum or less), diesel fuel and diesel fuel/biodiesel blends with nominal biodiesel concentrations up to 20% (B0-B20), kerosene and fuel oil (heating oil), leaded and unleaded gasoline where low permeation (≤10g/m²/ day) is required.
- Designed for durability, flexibility, and easy handling.

- Highly resistant to cuts, abrasions, sun and weather.
- Resists kinking and eliminates meter creep.
- Improves ozone and abrasion resistance while providing increased life.
- Will not mark or scratch dispenser finishes.
- Hose material is private branded and UL Listed to UL 330 for low permeation.
- All curb pump hose assemblies are 100% pressure tested, inspected for electrical continuity and sample pull tested.

Whip Low Perm Hoses

MODEL NO.	DESCRIPTION S	HIPPING WEIGHT LBS (KG)
5/8" LP HOS	ES	
CP10LP.75	5/8" Low Perm Hardwall 9" Assemb	ly Hose 0.72 (0.3)
CP10LP.75SV	5/8" Low Perm Hardwall 9" Swivel A	Assembly Hose 0.72 (0.3)
3/4" LP HOS	ES	
CP12LP.75	3/4" Low Perm Hardwall 9" Assemb	ly Hose 1.00 (0.5)
CP12LP.75SV	3/4" Low Perm Hardwall 9" Swivel A	Assembly Hose 1.00 (0.5)
1" LP HOSES	5	
CP16LP.75	1" Low Perm Hardwall 9" Assembly	Hose 1.20 (0.5)
CP16LP.75SV	1" Low Perm Hardwall 9" Swivel Ass	embly Hose 1.20 (0.5)



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

HUSKY HOSES

System Options

GENERAL FUELING PRODUCTS

Available in these Sizes

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11	D	NOM OD		MAX WP		WEIGHT	
Size	MM	IN	ММ	PSI	MPA	LB/FT	KG/M
5/8″	16	1.03	26	150	1.03	0.37	0.55
3/4″	19	1.17	30	150	1.03	0.44	0.65
1″	25	1.45	37	150	1.03	0.59	0.88

Couplings

Permanent, external crimp, zinc plated steel couplings, fixed and swivel







Fuel Oil Hose



Fuel Oil Permanent Fitting fueling hose recommended for all home fuel oils, leaded and unleaded gasolines, and diesel and tractor fuels.

Specifying Information

- Used for all home fuel oils, leaded and unleaded gasolines, and diesel and tractor fueling applications
- All fuel oil hose assemblies are 100% hydrostatic tested
- Resistant to flex fatigue
- Smooth cover gives it minimum ground drag, added freedom of movement and abrasion resistance



1" BULK HOSES 9769 Hose, 1" Red Fuel Oil 100' 47 (21.3 9769 Hose, 1" Red Fuel Oil 125' 59 (26.8 9769 Hose, 1" Red Fuel Oil 150' 71 (32.2 1 ¹ /4" BULK HOSES 9770 9770 Hose, 1 ¹ /4" Red Fuel Oil 100' 59 (26.8 9770 Hose, 1 ¹ /4" Red Fuel Oil 125' 74 (33.6 9770 Hose, 1 ¹ /4" Red Fuel Oil 150' 89 (40.4 1 ¹ /2" BULK HOSES 9771 9771 Hose, 1 ¹ /4" Red Fuel Oil 100' 80 (36.3 9771 Hose, 1 ¹ /4" Red Fuel Oil 125' 100 (45.4 9771 Hose, 1 ¹ /2" Red Fuel Oil Assy M x M 49 (22.2 CP161200FABA 1" x 100' Red Fuel Oil Assy M x M 49 (22.2 CP161200FBA 1" x 100' Red Fuel Oil Assy M x F 49 (22.2 CP161500FBA 1" x 125' Red Fuel Oil Assy M x M 61 (27.7 CP161500FBA 1" x 125' Red Fuel Oil Assy M x M 61 (27.7 CP161500FBA 1" x 125' Red Fuel Oil Assy M x M 73 (33.1 CP161500FBA 1" x 150' Red Fuel Oil Assy M x F 61 (27.7 CP161500FBA 1" x 150' Red Fuel Oil Assy M x M 73 (33.1	MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LB	S (KG)
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CP201500FBBA 1 ¹ /4" x 125' Red Fuel Oil Assy M x F 76 (34.5 CP201500FCBA 1 ¹ /4" x 125' Red Fuel Oil Assy F x F 76 (34.5 CP201800FABA 1 ¹ /4" x 125' Red Fuel Oil Assy M x M 91 (41.3 CP201800FABA 1 ¹ /4" x 150' Red Fuel Oil Assy M x M 91 (41.3 CP201800FBBA 1 ¹ /4" x 150' Red Fuel Oil Assy M x F 91 (41.3 CP201800FCBA 1 ¹ /4" x 150' Red Fuel Oil Assy F x F 91 (41.3 CP201800FCBA 1 ¹ /4" x 150' Red Fuel Oil Assy F x F 91 (41.3 CP201800FCBA 1 ¹ /4" x 150' Red Fuel Oil Assy F x F 91 (41.3 CP201800FCBA 1 ¹ /4" x 150' Red Fuel Oil Assy F x F 91 (41.3 CP201800FCBA 1 ¹ /4" x 150' Red Fuel Oil Assy F x F 91 (41.3	CP201200FCBA	11/4" x 100' Red Fuel Oi	I Assy F x F 61	(27.7)
CP201500FCBA 1 ¹ /4" x 125' Red Fuel Oil Assy F x F 76 (34.5 CP201800FABA 1 ¹ /4" x 150' Red Fuel Oil Assy M x M 91 (41.3 CP201800FBBA 1 ¹ /4" x 150' Red Fuel Oil Assy M x F 91 (41.3 CP201800FCBA 1 ¹ /4" x 150' Red Fuel Oil Assy M x F 91 (41.3 CP201800FCBA 1 ¹ /4" x 150' Red Fuel Oil Assy F x F 91 (41.3 CP201800FCBA 1 ¹ /4" x 150' Red Fuel Oil Assy F x F 91 (41.3 CP201800FCBA 1 ¹ /4" x 150' Red Fuel Oil Assy F x F 91 (41.3 1 ¹ /2" HOSES 1 ¹ /4" x 150' Red Fuel Oil Assy F x F 91 (41.3	CP201500FABA	11/4" x 125' Red Fuel Oi	I Assy M x M 76	(34.5)
CP201800FABA 1 ¹ /4" x 150' Red Fuel Oil Assy M x M 91 (41.3 CP201800FBBA 1 ¹ /4" x 150' Red Fuel Oil Assy M x F 91 (41.3 CP201800FCBA 1 ¹ /4" x 150' Red Fuel Oil Assy M x F 91 (41.3 CP201800FCBA 1 ¹ /4" x 150' Red Fuel Oil Assy F x F 91 (41.3 CP201800FCBA 1 ¹ /4" x 150' Red Fuel Oil Assy F x F 91 (41.3 1 ¹ /2" HOSES 1 ¹ /4" x 150' Red Fuel Oil Assy F x F 91 (41.3	CP201500FBBA	11/4" x 125' Red Fuel Oi	I Assy M x F 76	(34.5)
CP201800FBBA 1 ¹ /4" x 150' Red Fuel Oil Assy M x F 91 (41.3 CP201800FCBA 1 ¹ /4" x 150' Red Fuel Oil Assy F x F 91 (41.3 1 ¹ /2" HOSES 1 ¹ /4" x 150' Red Fuel Oil Assy F x F 91 (41.3	CP201500FCBA	11/4" x 125' Red Fuel Oi	I Assy F x F 76	(34.5)
CP201800FCBA 1 ¹ /4" x 150' Red Fuel Oil Assy F x F 91 (41.3) 1 ¹ /2" HOSES 11/4" x 150' Red Fuel Oil Assy F x F 11/2"	CP201800FABA	11/4" x 150' Red Fuel Oi	I Assy M x M 91	(41.3)
1 ¹ / ₂ " HOSES	CP201800FBBA	11/4" x 150' Red Fuel Oi	I Assy M x F 91	(41.3)
	CP201800FCBA	11/4" x 150' Red Fuel Oi	I Assy F x F 91	(41.3)
CP241200FABA 11/2" x 100' Red Fuel Oil Assy M x M 82 (37.2	11/2" HOSES			
	CP241200FABA	11/2" x 100' Red Fuel Oi	I Assy M x M 82	(37.2)
CP241200FBBA 11/2" x 100' Red Fuel Oil Assy M x F 82 (37.2	CP241200FBBA	11/2" x 100' Red Fuel Oi	I Assy M x F 82	(37.2)
CP241200FCBA 1 ¹ / ₂ " x 100' Red Fuel Oil Assy F x F 82 (37.2)	CP241200FCBA	11/2" x 100' Red Fuel Oi	I Assy F x F 82	(37.2)
CP241500FABA 1 ¹ /2" x 125' Red Fuel Oil Assy M x M 102 (46.3)	CP241500FABA	11/2" x 125' Red Fuel Oi	I Assy M x M 102	(46.3)
CP241500FBBA 1 ¹ / ₂ " x 125' Red Fuel Oil Assy M x F 102 (46.3			,	(46.3)
CP241500FCBA 1 ¹ / ₂ " x 125' Red Fuel Oil Assy F x F 102 (46.3)			,	
CP241800FABA 1 ¹ /2" x 150' Red Fuel Oil Assy M x M 122 (55.3)	-		5	(55.3)
CP241800FBBA 1 ¹ / ₂ " x 150' Red Fuel Oil Assy M x F 122 (55.3	-		-	
CP241800FCBA 1 ¹ / ₂ " x 150' Red Fuel Oil Assy F x F 122 (55.3	CP241800FCBA	11/2" x 150' Red Fuel Oi	I Assy F x F 122	(55.3)

Construction

Tube	NBR, RMA Class A
Cover	NBR/PVC, RMA Class A
Reinforcement	4 spiral polyester yarn
Cover Color:	Red
Oil Resistance:	High, Medium-High
Temperature:	-20°F (-29°C) to +180°F (82°C)



Rev 4 2/20

FUEL OIL FUELING HOSES

FUEL OIL FUELING HOSES



Fuel Oil Permanent Fitting fueling hose recommended for all home fuel oils, leaded and unleaded gasolines, and diesel and tractor fuels.

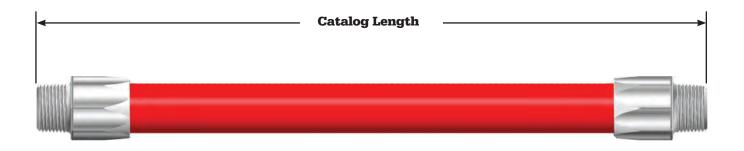
Available in these Sizes

11)	NON	1 OD	MAX	(WP	WEI	GHT
Size	MM	IN	MM	PSI	MPA	LB/FT	KG/M
1″	25	1.50	38.0	250	1.72	0.47	0.71
1 ¹ /4″	32	1.78	45.2	250	1.72	0.59	0.87
1 ¹ /2″	38	2.06	52.3	250	1.72	0.80	1.19

Couplings

Permanent Brass

Internally expanded fittings - male NPT and female NPS (swivel nut)





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EagleFlex[®] E0-E85



HUSKY HOSES

E0-E85 Curb Pump Hose.

- Recommended for use with Ethanol blends from E0 to E85.
- Resistant to crushing and stands up to run-over.
- Highly resistant to cuts, abrasions, sun and weather.
- Flexibility of a softwall, durability of a hardwall.
- Assures accurate readings at the pump.
- Will not mark or scratch vehicle finishes.

EFIEX® ET 3/4 EO-E85 HOSE «NIN MARCOATT MA

- Hose material is private branded and UL Listed to UL 330A and CAN/ ULC-S612-99.
- All curb pump hose assemblies are 100% pressure tested, inspected for electrical continuity and sample pull tested.

E0-E85 Wirebraid Hoses

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
3/4" HOSES		
CP12ET04	3/4" E0-E85 4'	Assembly Hose 1.7 (0.8)
CP12ET05	3/4" E0-E85 5'	Assembly Hose 2.1 (1.0)
CP12ET06	3/4" E0-E85 6'	Assembly Hose 2.5 (1.1)
CP12ET08	3/4" E0-E85 8'	Assembly Hose 3.4 (1.5)
CP12ET09	3/4" E0-E85 9'	Assembly Hose 3.8 (1.7)
CP12ET10	3/4" E0-E85 10	' Assembly Hose 4.2 (1.9)
CP12ET10X	3/4" E0-E85 10	Assembly Hose Bulk 4.2 (1.9)
CP12ET12	3/4" E0-E85 12	Assembly Hose 5.0 (2.3)
CP12ET12X	3/4" E0-E85 12	Assembly Hose Bulk 5.0 (2.3)
CP12ET14	3/4" E0-E85 14	' Assembly Hose 5.9 (2.7)
CP12ET16	3/4" E0-E85 16	Assembly Hose 6.7 (3.0)
CP12ET20	3/4" E0-E85 20	Assembly Hose 8.4 (3.8)
CP12ET50X	3/4" E0-E85 50	Assembly Hose Bulk 21.0 (9.5)

Construction

Tube	Black Nitrile
Cover	Black CPE (cholrinated polyethylene), wrap impression
Reinforcement	Multiple textile braids with full diameter grounding sheath
Temperature Range	-40°F to +180°F (-40°C to +82°C)



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

HUSKY HOSES



EagleFlex[®] E0-E85

E0-E85 Curb Pump Hose.

System Options

Available in these Sizes

11	ID NOM OD		MAX WP		WEIGHT		
Size	MM	IN	ММ	PSI	MPA	LB/FT	KG/M
3/4″	19	1.10	28	150	1.03	0.42	0.63

Couplings

Permanent externally crimped zinc (L type).







Rev 0 2/21



EZ-Connect



137-Connect®



The only certified, pre-assembled, pressure and continuity-tested hanging hardware.

- Can also be configured for new station installs.
- Fully customizable.
- Available in 5/8", 3/4" and 1" assemblies.
- Pre-fabricated hanging hardware assembly.
- Includes choice of Hose/Dispenser adaptor (Balanced/Vac-Assist/Heavy).
- Robust multi-plane Husky[®] swivel.
- 3 types of hose material offered: Hardwall, Wirebraid and Softwall.
- Zinc Fittings

- Chrome-plated brass fittings.
- EZ-Connect[®] hoses assembled with UL/CUL certified components.
- Your choice of nozzle configuration.
- 100% continuity/pressure tested.
- Thread sealant used on all component connections (Gasoila[®]).
- All required hanging hardware for decommissioning in one single package.





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The only certified, pre-assembled, pressure and continuity-tested hanging hardware.

Thousands of conventional fuel pump combinations are available with EZ-Connect's[®] six interchangeable components, making it possible to design a pump package to meet specific fuel-dispensing needs.

	⁵ /8" Hardwall Hoses, der			
	⁵ /8" Connections/9' Hardw	all Hoses Kits		
	w/002273 (Single Use) STB	w/003360 Reconnectable STB	w/008330 MagBreak®	
Balance to Conventional Adaptor	006959	006959	006959	
⁵ /8" x 9" Hardwall Whip Hose	CP10HW.75	CP10HW.75	CP10HW.75	
Safe-T-Break [®]	002273	003360	008330	
⁵ /8" x 9' Hardwall Curb Hose	CP10HW09	CP10HW09	CP10HW09	
³ /4" Multi-Plane Swivel	000350	000350	000350	
New XS [®] Pressure Activated Automatic Nozzle w/1808 Splash Guard	159559	159559	159559	
	⁵ /8" Connections/10' Hardy	vall Hoses Kits		
	w/002273 (Single Use) STB	w/003360 Reconnectable STB	w/008330 MagBreak®	
Balance to Conventional Adaptor	006959	006959	006959	
⁵ /8" x 9" Hardwall Whip Hose	CP10HW.75	CP10HW.75	CP10HW.75	
Safe-T-Break [®]	002273	003360	008330	
⁵ /8" x 10' Hardwall Curb Hose	CP10HW10	CP10HW10	CP10HW10	
³ /4" Multi-Plane Swivel	000350	000350	000350	
New XS [®] Pressure Activated Automatic Nozzle w/1808 Splash Guard	159559	159559	159559	
This sample chart, using ³ /4	" Softwall DEF Hoses, d	emonstrates the many o	ptions available:	
	-	ns/9' Softwall DEF Hose Kits		
		w/012070 Recon		
3/4" 9" Sofltwall DEF Whip Hose		CP12DF		
Safe-T-Break®		012070		
3/4" 9' Softwall DEF Hose		CP12DF09AN		
3/4" Roller Bearing Swivel		012604		
New X DEF Automatic Nozzle w/004809 Splas	h Guard	11676155N		
New Polymer DE	F Nozzle w/ ³ /4" NPT Conr	ections/9' Softwall DEF Hos	e Kits^	
		w/012070 Recon	nectable STB	
		CP12DF.75GP		
3/4" 9" Softwall DEF Whip Hose				
-		0120	70	
- Safe-T-Break [®]		0120 CP12DF		
Safe-T-Break® 3/4" 9' Softwall DEF Hose	6 Splash Guard		09PB	
Safe-T-Break® 3/4" 9' Softwall DEF Hose	6 Splash Guard	CP12DF	09PB	
Safe-T-Break® 3/4" 9' Softwall DEF Hose New Polymer DEF Automatic Nozzle w/00021	-	CP12DF	09PB 4N	
Safe-T-Break® 3/4" 9' Softwall DEF Hose New Polymer DEF Automatic Nozzle w/00021	-	CP12DF 87350	09PB 4N S^	
Safe-T-Break® 3/4" 9' Softwall DEF Hose New Polymer DEF Automatic Nozzle w/000210 New X DEF No	-	CP12DF 87350 ons/9' Softwall DEF Hose Kit	09PB 4N S^ nectable STB	
Safe-T-Break® 3/4" 9' Softwall DEF Hose New Polymer DEF Automatic Nozzle w/00021 New X DEF No 3/4" 9" Softwall DEF Whip Hose	-	CP12DF 87350 ons/9' Softwall DEF Hose Kit w/012659 Recon	09PB 4N s^ nectable STB .75AB	
3/4" 9" Softwall DEF Whip Hose Safe-T-Break® 3/4" 9' Softwall DEF Hose New Polymer DEF Automatic Nozzle w/00021 New X DEF No 3/4" 9" Softwall DEF Whip Hose Safe-T-Break® 3/4" 9' Softwall DEF Hose	-	CP12DF 87350 ons/9' Softwall DEF Hose Kit w/012659 Recon CP12DF	09PB 4N s^ nectable STB 75AB 59	
Safe-T-Break® 3/4" 9' Softwall DEF Hose New Polymer DEF Automatic Nozzle w/00021 New X DEF No 3/4" 9" Softwall DEF Whip Hose Safe-T-Break®	-	CP12DF 87350 ons/9' Softwall DEF Hose Kit w/012659 Recon CP12DF 0126	09PB 4N s^ nectable STB .75AB 59 09AB	

^Not Listed

Please contact your Husky sales representative or Husky customer service at (800) 325 3558 for questions regarding EZ Connects.



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Rev 5 5/21



Oil Baron





OIL BARON

Safely cleans petroleum spills, making them non hazardous and nonflammable.

When your job involves working with hydrocarbons (including oil, grease and gasoline), you know how tough it is to safely clean up the spills left behind. Oil Baron safely cleans up the spills, rendering them nonhazardous and requiring no special waste disposal.

From service stations to auto repair bays, Oil Baron makes it easy to clean unsightly, unsafe or hazardous messes and spills. It breaks down hydrocarbons (gasoline and other petroleum products) to water and carbon dioxide. It can be applied using floor scrubbers, pressure washers, foaming sprayers or mops with no special hazardous waste disposal required.



The advantages of Oil Baron:

- Breaks down hydrocarbons (including gasoline) to water and carbon dioxide
- Cuts through the tough oil, grease, carbon and other spills for superior results
- Microbial action digests hydrocarbon mess
- No oil or greasy residue left behind
- Surfaces are clean, dry and oil-free for ideal traction
- Quick drying and available in an easy-to-use spray or concentrate
- Apply with mops, foaming sprayer, auto floor scrubbers and pressure washers
- Less expensive and lasts longer compared to conventional cleaners and degreasers

Works on these surface areas:

- Concrete, tile, and metal
- Urethane, acrylic and latex paint
- VCT and waxed floors
- Plexi-glass, epoxy, plastic and rubber

Nonhazardous:

- Non-corrosive, fragrance-free product
- Significantly reduces the ability of flammable hydrocarbons to ignite

OIL BARON





Safely cleans petroleum spills, making them non hazardous and nonflammable.

Usage/Dilution Ratio Chart

Applications & Ratios

	HEAVY DUTY	MEDIUM DUTY	LIGHT DUTY
Floor Scrubber	1:30	1:30	1:40
Mopping	1:05	1:10	1:15
Degreasing	1:2	1:4	1:8
Pressure Washing	1:50	1:75	1:100
Spill Control	Do Not Dilute	1:1	1:1

20 oz. Aerosol

Item No.	013824
Unit Size	20 oz.
Unit Dimensions	9.5" H x 2.25" W x 2.25" D
Case Quantity	12
Case Dimensions	9.5″ H x 11″ W x 8.5″ D
Case Weight	20 lbs.
Case Cubic	0.51
Pallet	18 x 5 = 90 Cases

32 oz. Quart

Item No.	013823
Unit Size	32 oz.
Unit Dimensions	9" H x 4" W x 3" D
Case Quantity	12
Case Dimensions	10.5" H x 11" W x 14.5" D
Case Weight	32 lbs.
Case Cubic	0.97
Pallet	12 x 4 = 48 Cases





32 oz. Quart



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Oil Baron Plus



Oil Baron Plus removes the toughest hydrocarbon (oil, gas/diesel, tar) stains on most hard, industrial surfaces.

It can seem impossible to remove tough, deep oil, tar and grease stains in concrete or other hard surfaces. With Oil Baron Plus, it's not only possible to regain a clean surface area, this easy-to-use product outperforms all other competitors.

Simply apply Oil Baron Plus onto the effected surface area then scrub. It immediately does the hard work by penetrating deep into the surface to remove tough, embedded stains. Then just rinse for an oil-free surface. There's no waiting to see results. There are no worries about safety concerns you find with dangerous acids. Best of all, Oil Baron Plus removes your frustration of cleaning up the toughest oil stains.



The advantages of Oil Baron Plus:

- Quickly penetrates deep into the material surface to immediately remove oil and tar stains
- Microbial action eliminates stains
- Outperforms dangerous acids, conventional degreasing and poultice products
- Easy and simple to use: Apply, scrub, rinse and you're done
- Economical: Treats up to 10x more surface area than competitive products

Works in these applications:

- Fueling areas
- · Loading docks, parking lots, drive-throughs
- Manufacturing facilities
- Vehicle repair facilities
- Concrete parking garages

Ideal for deep cleaning:*

- Concrete
- Bricks
- Masonry
- Pavers

Removes tough stains caused by:

- Motor oil, tar, anti-freeze, grease and diesel fuel
- Brake, hydraulic, power steering and transmission fluid

*Not for use on asphalt.

OIL BARON



Oil Baron Plus

Oil Baron Plus removes the toughest hydrocarbon (oil, gas/diesel, tar) stains on most hard, industrial surfaces.

Comparison Chart

Compare

TIME	CHEMISTRY	COVERAGES
1 min.	Microbial Cleaner	75 sq. ft./20 oz.
5-8 hrs.	Poultice	6 sq. ft./32 oz.
5-8 hrs.	Poultice	18 sq. ft./32 oz.
5 min.	Acid-Cleaner	50 sq. ft./0.5 gal.
30 min.	Poultice	30 sq. ft./0.5 gal.
	1 min. 5-8 hrs. 5-8 hrs. 5 min.	1 min.Microbial Cleaner5-8 hrs.Poultice5-8 hrs.Poultice5 min.Acid-Cleaner

16 oz. Aerosol

Item No.	013826
Unit Size	16 oz.
Unit Dimensions	2.125" L x 2.125" W x 10.25" H
Case Quantity	12
Case Dimensions	11.25" L x 8.5" W x 10.25" H
Case Weight	15 lbs.
Case Cubic	0.56
Pallet	18 x 5 = 90 Cases

32 oz. Quart

Item No.	013825
Unit Size	32 oz.
Unit Dimensions	5.25" L x 2.0" W 7.75" H
Case Quantity	6
Case Dimensions	12.0″ L x 6.0″ W x 7.75″ H
Case Weight	16 lbs.
Case Cubic	0.5
Pallet	12 x 4 = 48 Cases



16 oz. Aerosol



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Oil Filter Crushers



C-4 Crusher



C-4 Pneumatic Oil Filter Crusher for automobile filters.

- Reduces filters by 75% of original size, and removes 95% of the free-flowing oil so it can be recycled.
- Crushing chamber accepts filters 7 1/2" tall x 5" diameter.
- Only one moving part, a 1 1/2" shaft.
- Safety door crusher will not operate if door is opened.
- Cycle time: 5 seconds.
- Air requirement: 125 to 175 PSI.
- Air regulator not needed.
- Oiler and lubricator not needed.

- All parts in contact with air are rust proof.
- Optional stand (sold separately).
- Overall size: 26" high, 11" wide, 11" deep.
- Lifetime warranty on housing, one year limited on all other parts.
- 12" Flexible drain hose included.
- Wall mounting brackets included.
- Crusher weight 130 lbs. (Shipping weight 116 lbs. Shipped UPS.)

New Crushers

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
7605	C-4 Pneumatic Automobile Oil Filter Crusher	118 (53.5)
7590	Small Crusher Stand for C-4 and C-6 Oil Filter Crushers	101 (45.8)
8203	C-4 Pneumatic Automobile Oil Fil Crusher with #7590 Crusher Stand	



OIL FILTER CRUSHERS





C-4 Pneumatic Oil Filter Crusher for automobile filters.

Dimensions and System Options

Repair Parts

MODEL NO.	DESCRIPTION
7589	C4, C6 90 degree Elbow
7599	C4, C6 TT12 Ball Valve
7602	C4 8" Black Cylinder
7611	C4 Cup Plate
7614	C4 Push Plate
7612	C4 Door
7617	C4 Return Spring
7618	C4 Shaft
7619	C4 Top Bearing
7642	C4, C6 TT12 MJV-3 Air Clippard Valve
7708	C4, C6 3/8" Push-on Connector
7719	C4, C6, TT12 Muffler
7749	C4, C6, TT12 S1205 Safety Valve
7847	C4, C6 Handle
7853	C4 Air Tube / Galvanized Pipe
7859	C4 Neoprene Cup
7860	C4 8" Large O-Ring
7901	C4, C6 Reducer Bushing
7902	C4, C6, TT12 1-1/4" 12 Jam Nut
7903	C, C6, TT12 1-1/8" Washer
7904	C4, C6, TT12, TT25 3/8" Ball Bearing Switch
7905	C4, C6, TT12, TT25 Safety Switch Spring
7906	C4, C6, TT12, TT25 1/4" x 2-1/4" Clevis Pin
7907	C4, C6, TT12, TT25 3/8" ID x 1/2" OD Bearing
7908	C4, C6, TT12, TT25 1/4" x 1-1/2" Clevis Pin
7909	C4, C6, TT12, TT25 3/32" x 1/2" Cotter Pin
7914	C4 Drain Hose Adaptor
7917	C4, C6, TT12. TT25 3/8" x 2-1/4" Grade 8 Tap Bolt
7918	C4, C6. TT12, TT25 3/8" x 16 Stover Nut
7938	C4, C6, TT12, TT25 5/16" Flat Washer
7940	C4, C6, TT12 1/4" Air Hose Assembly





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Crusher



C-6 Pneumatic Oil Filter Crusher for light truck diesel and SUV filters.

- Reduces filters by 75% of original size, and removes 95% of the free-flowing oil so it can be recycled.
- Large crushing chamber: accepts filters up to 10" tall x 7" diameter.
- Only one moving part, a 2" shaft.
- Safety door crusher will not operate if door is opened.
- Cycle time: 27 seconds.
- Air requirement: 125 to 175 PSI.
- Air regulator not needed.

- Oiler and lubricator not needed.
- · All parts in contact with air are rust proof.
- Optional stand (sold separately).
- Overall size on stand: 75" high, 36" wide, 26" deep.
- Lifetime warranty on housing, one year limited on all other parts.
- 12" Flexible drain hose included.
- Overall weight on stand 170 lbs. (Shipping weight 182

New Crushers

MODEL NO.	DESCRIPTION SHIF	PPING WEIGHT LBS (KG)
008207	C-6 Pneumatic SUV Oil Filter Crusher	221 (100.2)
007590	Smaller Crusher Stand for C-4 and C-6 Crushers	Oil Filter 101 (45.9)
007610	C-6 Pneumatic SUV Oil Filter Crusher with #007590 Crusher Stand	281 (127.5)





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C-6 Crusher

C-6 Pneumatic Oil Filter Crusher for light truck diesel and SUV filters.

Dimensions and System Options

Repair Parts

MODEL NO.	DESCRIPTION
007589	C-4, C6 90 degree Elbow
007599	C-4, C6 TT12 Ball Valve
007628	C-6 Cup Plate
007632	C-6 Push Plate
007629	C-6 Door
007858	C-6 Return Spring
007633	C-6 Shaft
007634	C-6 Top Bearing
007642	C-4, C-6 TT-12 MJV-3 Air Clippard Valve
007708	C-4, C-6 3/8" Push-on Connector
007719	C-4, C-6, TT-12 Muffler
007749	C-4, C-6, TT-12 S1205 Safety Valve
007847	C-4, C-6 Handle
007861	C-6 Neoprene Cup
007862	C-6 10" Large O-Ring
007901	C-4, C-6 Reducer Bushing
007902	C-4, C-6, TT-12 1-1/4" 12 Jam Nut
007903	C, C-6, TT-12 1-1/8" Washer
007904	C-4, C-6, TT-12, TT-25 3/8" Ball Bearing Switch
007905	C-4, C-6, TT-12, TT-25 Safety Switch Spring
007906	C-4, C-6, TT-12, TT-25 1/4" x 2-1/4" Clevis Pin
007907	C-4, C-6, TT-12, TT-25 3/8" ID x 1/2" OD Bearing
007908	C-4, C-6, TT-12, TT-25 1/4" x 1-1/2" Clevis Pin
007909	C-4, C-6, TT-12, TT-25 3/32" x 1/2" Cotter Pin
007917	C-4, C-6, TT-12. TT-25 3/8" x 2-1/4" Grade 8 Tap Bolt
007918	C-4, C-6. TT-12, TT-25 3/8" x 16 Stover Nut
007938	C-4, C-6, TT-12, TT-25 5/16" Flat Washer
007940	C-4, C-6, TT-12 1/4" Air Hose Assembly





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TT-12 Crusher



Pneumatic Oil Filter Crusher for tractor trailer and truck filters.

- Reduces filters by 75% of original size, and removes 95% of the free-flowing oil so it can be recycled.
- Only one moving part, a 2" shaft.
- Safety door crusher will not operate if door is opened.
- Cycle time: 23 seconds.
- Air requirement 125 to 175 PSI.
- Air regulator not needed.
- Oiler and lubricator not needed.

- All parts in contact with air are rust proof.
- Size: 51" high, 18" wide, 17" deep.
- Lifetime warranty on housing, one year limited on all other parts.
- Optional Stand.
- Crusher weight 358 lbs.
 With stand 470 lbs.
 (Shipping weight 530 lbs.
 Trucked on pallet.)
- Large crushing chamber: accepts filters up to 16" tall x 9" diameter.

New Crushers

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
007715	TT12 Pneumatic Truck Oil Filter Cr	usher 418 (189.6)
007550	Large Crusher Stand with Resevoir for C-6,TT12 and TT25 Oil Filter Crushers172 (7	
008210	TT12 Pneumatic Truck Oil Filter Cruwith #007550 Crusher Stand with R	





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Rev 5 7/19

OIL FILTER CRUSHERS





TT-12 Crusher

Pneumatic Oil Filter Crusher for tractor trailer and truck filters.

Dimensions and System Options

Repair Parts

Model No.	Description
007599	C4, C6 TT12 Ball Valve
007644	TT12 Cylinder
007604	TT12 Bottom Plate
007863	TT12, TT25 Push Plate
007799	TT12 Door
007796	TT12 Return Spring
007800	TT12 Shaft
007642	C4, C6 TT12 MJV-3 Air Clippard Valve
007719	C4, C6, TT12 Muffler
007749	C4, C6, TT12 S1205 Safety Valve
007793	TT12 Handle
007856	TT12 1/2" OD x .062 Tubing
007795	TT12 12" Piston Cup
007794	TT12 12" Large O-Ring
007902	C4, C6, TT12 1-1/4" 12 Jam Nut
007903	C, C6, TT12 1-1/8" Washer
007904	C4, C6, TT12, TT25 3/8" Ball Bearing Switch
007905	C4, C6, TT12, TT25 Safety Switch Spring
007906	C4, C6, TT12, TT25 1/4" x 2-1/4" Clevis Pin
007907	C4, C6, TT12, TT25 3/8" ID x 1/2" OD Bearing
007908	C4, C6, TT12, TT25 1/4" x 1-1/2" Clevis Pin
007909	C4, C6, TT12, TT25 3/32" x 1/2" Cotter Pin
007917	C4, C6, TT12. TT25 3/8" x 2-1/4" Grade 8 Tap Bolt
007918	C4, C6. TT12, TT25 3/8" x 16 Stover Nut
007938	C4, C6, TT12, TT25 5/16" Flat Washer
007940	C4, C6, TT12 1/4" Air Hose Assembly





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TT-25 CRUSHER



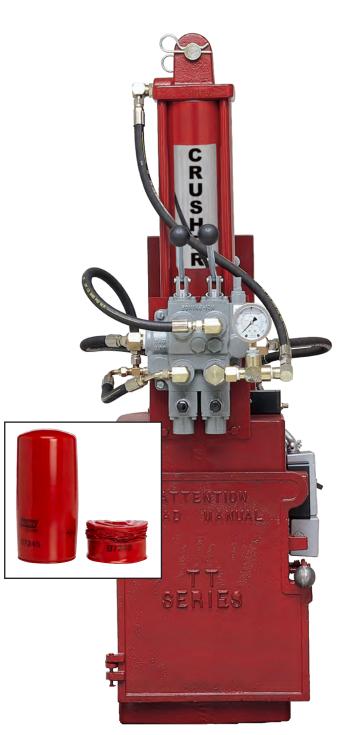
Electric Hydraulic Oil Filter Crusher for tractor trailer and truck filters.

- Reduces filters by 75% of original size, and removes 95% of the free-flowing oil so it can be recycled.
- Large crushing chamber: accepts filters up to 16" tall x 9" diameter.
- Automatic crushing cycle.
- Cycle time: 1 minute.
- Pump: 1 Phase/ 230V/60Hz or 1 Phase 220V/50Hz.
- Safety door crusher will not operate if door is opened.

- Overall size on optional stand: 87" high, 23" wide, 31" deep.
- Lifetime warranty on housing, one year limited on all other parts.
- Size: 50" high, 18" wide, 31" deep.
- Optional Stand.
- Crusher weight 404 lbs. With stand 516 lbs. (Shipping weight 576 lbs. Trucked on pallet.)

New Crushers

MODEL NO.	DESCRIPTION SH	IIPPING WEIC	GHT LBS (KG)
008215	TT25 Electric Hydraulic Oil Filter Cru	isher, 60Hz	464 (210.5)
007550	Large Crusher Stand with Resevoir fo TT12 and TT25 Oil Filter Crushers	r C-6,	172 (78)
007720	TT25 Electric Hydraulic Oil Filter Cru #007550 Crusher Stand with Resevoir		576 (261.3)





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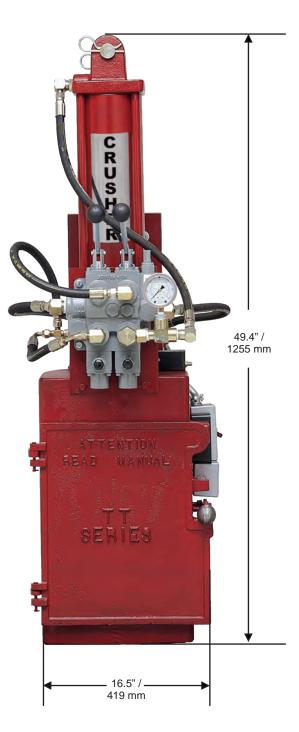
TT-25 CRUSHER

Electric Hydraulic Oil Filter Crusher for tractor trailer and truck filters.

Dimensions and System Options

Repair Parts

MODEL NO.	DESCRIPTION
007714	TT25 9/16" MJIC x 9/16" Elbow Adaptor
007863	TT12, TT25 Push Plate
007929	TT25 Ram
007734	TT25 Pump, 60Hz
011943	TT25 Pump, 50Hz
007899	TT25 Handle Spring
007904	C4, C6, TT12, TT25 3/8" Ball Bearing Switch
007905	C4, C6, TT12, TT25 Safety Switch Spring
007906	C4, C6, TT12, TT25 1/4" x 2-1/4" Clevis Pin
007907	C4, C6, TT12, TT25 3/8" ID x 1/2" OD Bearing
007908	C4, C6, TT12, TT25 1/4" x 1-1/2" Clevis Pin
007909	C4, C6, TT12, TT25 3/32" x 1/2" Cotter Pin
007917	C4, C6, TT12. TT25 3/8" x 2-1/4" Grade 8 Tap Bolt
007918	C4, C6. TT12, TT25 3/8" x 16 Stover Nut
007938	C4, C6, TT12, TT25 5/16" Flat Washer





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Rev 5 11/20

Filter Crusher Stands



For all truck and automotive filter crushers.

Model 007550

- Industrial grade steel.
- Drain shelf for storing filters.
- 2" NPT drain for piping to other storage vessels.
- Accomodates a 30-gallon drum.
- Can be used with most filter crushers manufactured by BJ Enterprises.
- Vibration pads and provisions for securing to the floor.

Model 007590

- Designed for use with C-4 and C-6 oil filter crushers.
- Industrial grade steel.
- Vibration pads and provisions for securing to the floor.

New Stands

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
007550	Large Crusher Stand with Resevoir C-6, TT12 and TT25 Oil Filter Crus	
007590	Small Crusher Stand for C-4 and C-6 Oil Filter Crushers	101 (45.9)







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OIL FILTER CRUSHERS

For all truck and automotive filter crushers.

Dimensions and System Options

Automotive Crushers

MODEL NO.	DESCRIPTION
007605	C-4 Pneumatic Automobile Oil Filter Crusher
008203	C-4 Pneumatic Automobile Oil Filter Crusher with #007590 Crusher Stand
008207	C-6 Pneumatic SUV Oil Filter Crusher
007610	C-6 Pneumatic SUV Oil Filter Crusher with #007590 Crusher Stand

Truck Crushers

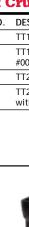
DESCRIPTION
TT12 Pneumatic Truck Oil Filter Crusher
TT12 Pneumatic Truck Oil Filter Crusher with #007550 Crusher Stand with Resevoir
TT25 Electronic Over Hydraulic Oil Filter Crusher
TT25 Electronic Over Hydraulic Oil Filter Crusher with #007550 Crusher Stand with Resevoir

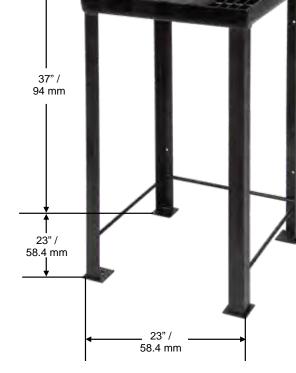




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Black Knight[®] LLG

BJE OIL AND LUBE PRODUCTS

Numbers decrease as fluid level lowers indicating how many inches are left until the tank is empty. For use with oil, waste oil, diesel fuel, antifreeze, and other fluids with a high flash point.

- One gauge accommodates tanks up to 99".
- Measures from 99" 0".
- 2" NPT threads.
- Large number display.
- Molded housing.
- Direct drive.
- Nickel-plated brass chain.

- Oversized aluminum float assembly rotates to prevent chain entanglement.
- For use with oil, waste oil, diesel fuel, antifreeze, and most liquids with a high flash point.
- New swivel allows easy orientation of gauge after installation.

New Gauges

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
007600	Black Knight [®] 99" Liquid Level Ga for New Product	auge 3.5 (1.6)
008164	Black Knight [®] 99" Liquid Level Ga New Product with Vertical Float	auge for 3.5 (1.6)









Black Knight[®] LLG

Numbers decrease as fluid level lowers indicating how many inches are left until the tank is empty. For use with oil, waste oil, diesel fuel, antifreeze, and other fluids with a high flash point.

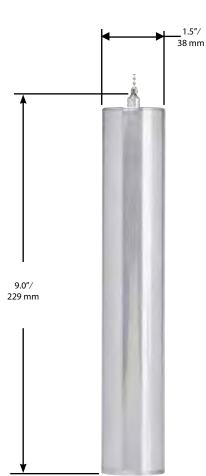
Dimensions and System Options

Floats

MODEL NO.	DESCRIPTION
007615	11/2" Vertical Float
007616	2" Horizontal Float

Other Accessories

MODEL NO.	DESCRIPTION
007551	Chain, #2 Ball
007552	Eyelet, Brass
007639	Clear Acrylic Cover







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1.5"/ 38 mm

Metric Black Knight[®]



Numbers decrease as fluid level lowers indicating how many centimeters are left until the tank is empty. For use with oil, waste oil, diesel fuel, antifreeze, and other fluids with a high flash point.

- Large number display.
- Measures from 0 cm to 365 cm (approximately 3.65 m).
- Mechanical operation. No batteries required.
- Weather resistant durable molded housing.
- 2" NPT threads and 2" BSPT threads.
- Nickel-plated brass chain.

- Aluminum horizontal float (vertical float optional).
- Easy-to-read digital readout.
- Durable direct drive chain.
- Less expensive than comparable models.
- Faster than sticking the tank for level reading.

New Gauges

MODEL NO.	DESCRIPTION	SHIPPING WEIGH	T LBS (KG)
008743	Metric Black Knight® Horizontal	Float, 2" BSPT	2.5 (1.1)
010176	Metric Black Knight® Horizontal	Float, 2" NPT	2.5 (1.1)
010753	Metric Black Knight® Vertical Flo	at, 2" NPT	2.5 (1.1)







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Numbers decrease as fluid level lowers indicating how many centimeters are left until the tank is empty. For use with oil, waste oil, diesel fuel, antifreeze, and other fluids with a high flash point.

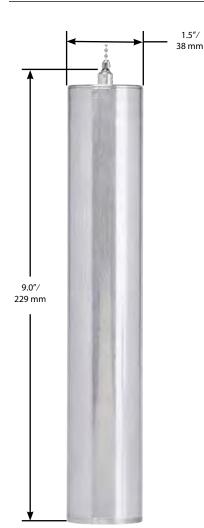
Dimensions and System Options

Floats

MODEL NO.	DESCRIPTION
007615	11/2" Vertical Float
007616	2" Horizontal Float

Other Accessories

MODEL NO.	DESCRIPTION
007551	Chain, #2 Ball
007552	Eyelet, Brass





272 mm



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MADE IN THE U.S.A.

Red Fox[®] LLG



Numbers decrease as fluid level rises indicating how many inches are left until the tank is full. For use with oil, waste oil, diesel fuel, antifreeze, and other fluids with a high flash point.

- One gauge accomodates tanks up to 99".
- Large number display.
- Molded housing.
- Direct drive.
- 2" NPT threads.
- Nickel-plated brass chain.
- Oversized aluminum float assembly rotates to prevent chain entanglement.
- For use with oil, waste oil, diesel fuel, antifreeze, and most liquids with a high flash point.
- New swivel allows easy orientation of gauge after installation.

New Gauges

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)	
007665	Red Fox [®] 99" Liquid Level Gauge Horizontal Float	3.5 (1.6)	
008566	Red Fox [®] 99" Liquid Level Gauge Vertical Float 2" NPT	3.5 (1.6)	
	*Specify tank depth (in inches) and riser height (in inches		





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Red Fox® LLC

Numbers decrease as fluid level rises indicating how many inches are left until the tank is full. For use with oil, waste oil, diesel fuel, antifreeze, and other fluids with a high flash point.

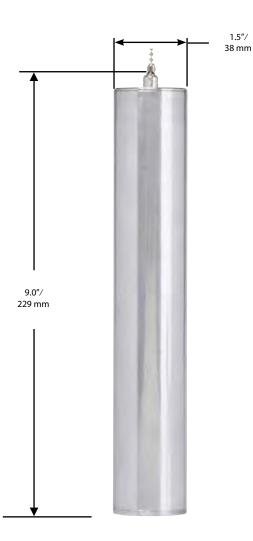
Dimensions and System Options

Floats

MODEL NO.	DESCRIPTION
007615	11/2" Vertical Float
007616	2" Horizontal Float

Other Accessories

MODEL NO.	DESCRIPTION
007551	Chain, #2 Ball
007552	Eyelet, Brass
007639	Clear Acrylic Cover







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TANK GAUGES

Metric Red Fox®



2-4

Liquid Level Gauges – numbers decrease as fluid level rises indicating how many centimeters are left until the tank is full. For use with oil, waste oil, diesel fuel, antifreeze, and other fluids with a high flash point.

- One gauge accomodates tanks up to 365 cm.
- Large number display.
- Mechanical operation. No batteries required.
- Weather resistant durable molded housing.
- 2" NPT threads and 2" BSPT threads.
- Nickel-plated brass chain.

 Easy-to-read digital readout.

- Durable direct drive chain.
- Less expensive than comparable models.
- Faster than sticking the tank for level reading.
- Aluminum horizontal float (vertical float optional).

New Gauges

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)	
010751	Metric Red Fox® Tank Gauge, BSPT	2.5 (1.1)	
010752	Metric Red Fox® Vertical, BSPT	2.5 (1.1)	
010754	Metric Red Fox® Tank Gauge, NPT	2.5 (1.1)	
010755	Metric Red Fox® Vertical, NPT	2.5 (1.1)	





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Metric Red Fox[®]

Liquid Level Gauges – numbers decrease as fluid level rises indicating how many centimeters are left until the tank is full. For use with oil, waste oil, diesel fuel, antifreeze, and other fluids with a high flash point.

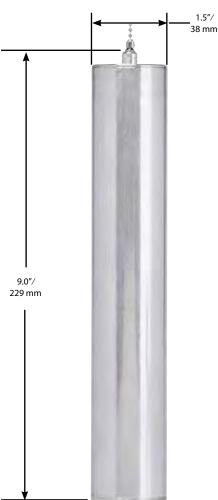
Dimensions and System Options

Floats

EL NO. DESCRIPTION
15 11/2" Vertical Float
16 2" Horizontal Floa
15

Other Accessories

MODEL NO.	DESCRIPTION
007551	Chain, #2 Ball
007552	Eyelet, Brass







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TANK GAUGES



For use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

- Large glass 4 window display.
- Highly visible orange
 indicator with UV inhibitor.
- 2" NPT (1-1/2" optional).
- · Stainless steel rods.
- Aluminum linkage.
- Nitrophyl float.
- Easy installation.



New Gauges

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
007620*	Jarhead Sightglass Tank Gauge with Fractional Indicators for 18' Tank Depth with 2" Tank Fitting	r-60″ 2.0 (0.9)
007621*	Jarhead SightglassTank Gauge wi Fractional Indicators for 18"-60" Depth with 11/2" Tank Fitting	
007622*	Jarhead Sightglass Tank Gauge w Fractional Indicators for 61"-72" Depth with 2" Tank Fitting	
007623*	Jarhead Sightglass Tank Gauge w Fractional Indicators for $61"-72"$ Depth with $1'/_2"$ Tank Fitting	
007625*	Jarhead 275 Gallon Sightglass Tar Gauge with 2" Tank Fitting	nk 2.0 (0.9)
007626*	Jarhead 275 Gallon Sightglass Tar Gauge with 11/2" Tank Fitting	2.0 (0.9)
*Specify tank depth (in inches) and **riser height (in inche		

ISO 9001:2015 CERTIFIED COMPANY

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TANK GAUGES





For use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

Dimensions and System Options

007 Tank Monitors

MODEL NO.	DESCRIPTION
007555*	007 Audible and Visual Tank Monitor with Jarhead Tank Gauge (includes indoor mount control panel, Jarhead Tank Gauge, 2" NPT tank fitting and 12 volt transformer)
009919	007 Audible and Visual Tank Monitor with Jarhead Tank Gauge (includes indoor mount control panel, Jarhead Tank Gauge, 1-1/2" NPT tank fitting and 12 volt transformer)

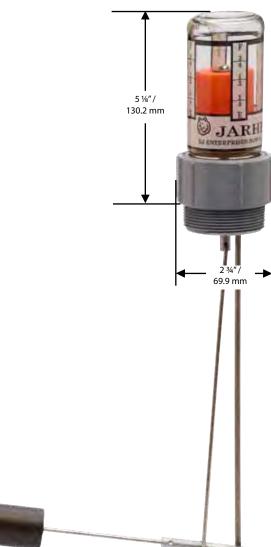
Sentry Wall Mounted Tank Monitors

MODEL NO.	DESCRIPTION
007685*	Sentry High or Low Wall Mounted Battery Operated Tank Monitor with Built-in 103 Decibel Siren and Jarhead Tank Gauge, 2" NPT tank fitting
007686*	Sentry High or Low Wall Mounted Tank Monitor with Built-in 103 Decibel Siren, Jarhead Tank Gauge, 2" NPT tank fitting and 12 Volt Transformer
009969*	Sentry High or Low Wall Mounted Battery Operated Tank Monitor with Built-in 103 Decibel Siren and Jarhead Tank Gauge, 1-1/2" NPT tank fitting
009972*	Sentry High or Low Wall Mounted Tank Monitor with Built-in 103 Decibel Siren, Jarhead Tank Gauge, 1-1/2" NPT tank fitting and 12 Volt Transformer

*Specify tank depth (in inches) and **riser height (in inches)

Accessories

MODEL NO.	DESCRIPTION
011426	2" Jarhead Adaptor
007829	1-1/2' Jarhead Adaptor
007692	Jarhead Jar





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JAR Adjustable Jarhead



For use with oil, waste oil, diesel fuel, antifreeze and other fluids with a high flash point. Adjustable Jarhead that covers range of 18"-72" (46 cm - 182 cm).

- Infinitely adjustable within size range.
- No special skills necessary to install.

· Allen wrenches included to

adjust and tighten linkages.

• Brass linkages.

Aluminum float.

 Highly visible orange indicator.

Durable glass housing.

- Available with 2" NPT, 1¹/₂" NPT, 2" BSP, and 1¹/₂" BSP.
- 4 ranges of tank depth available: 18"-23", 24"-34", 33"-47", 46"-72", 46 cm-58 cm, 61 cm-86 cm, 84 cm-119 cm, 117 cm-182 cm.
- Scale reading F-3/4-1/2-1/4-E.
- Only mechanical tank gauge that is adjustable by the customer.
- No need for custom factory orders. Four models cover range of 18"-72" (46 cm -182cm).



MODEL NO.	DESCRIPTION SHIPPING WEIG	SHIPPING WEIGHT LBS (KG)	
009909	Adjustable Jarhead, 2" NPT 18"-23"	2.0 (0.9)	
009916	Adjustable Jarhead, 2" NPT24"-34"	2.0 (0.9)	
009918	Adjustable Jarhead, 2" NPT 33"-47"	2.3 (1.0)	
009930	Adjustable Jarhead, 2" NPT 46"-72"	2.5 (1.1)	
010393	Adjustable Jarhead, 2" BSP 46 cm-58 cm	2.0 (0.9)	
010472	Adjustable Jarhead, 2" BSP 61 cm-86 cm	2.0 (0.9)	
010473	Adjustable Jarhead, 2" BSP 84 cm-119 cm	2.3 (1.0)	
010474	Adjustable Jarhead, 2" BSP 117 cm-182 cm	2.5 (1.1)	
010996	Adjustable Jarhead, 1-1/2" NPT 18"-23"	2.0 (0.9)	
010997	Adjustable Jarhead, 1-1/2" NPT 24"-34"	2.0 (0.9)	
010998	Adjustable Jarhead, 1-1/2" NPT 33"-47"	2.3 (1.0)	
010999	Adjustable Jarhead, 1-1/2" NPT 46"-72"	2.5 (1.1)	
013638	Adjustable Jarhead, 1-1/2" BSP 84 cm-119 cm	2.3 (1.0)	

New Adjustable Jarhead



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov





For use with oil, waste oil, diesel fuel, antifreeze and other fluids with a high flash point. Adjustable Jarhead that covers range of 18"-72" (46 cm - 182 cm).

Dimensions

Accessories

Model No.	Description
007551	#2 Ball Chain
007552	Eyelet, Brass
007692	Jarhead Jar
007829	Adaptor, 1-1/2" NPT
010009	Adaptor, 2" BSP
011189	Adaptor, 1-1/2" BSP
011426	Adaptor, 2" NPT







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For use with oil, waste oil, diesel fuel, antifreeze and other fluids with a high flash point.



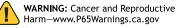
- Large glass 4 window display.
- Highly visible orange indicator with UV inhibitor.
- 2" NPT and BSP
- 1-1/2" NPT and BSP
- Nickel-plated brass chain. Field adjustable to 24" from top of tank. (extended chain available).
- Aluminum float.

New Gauges

DESCRIPTION Overfill Guard Sightglass Ga Fitting	SHIPPING WEIGHT LBS (KG) uge with 2" NPT Tank
5 5	uge with 2" NPT Tank
i ittiig	1.5 (0.7)
Overfill Guard Sightglass Ga Tank Fitting	uge with 1-1/2" NPT 1.5 (0.7)
Overfill Guard Sightglass Ga Fitting	uge with 2" BSP Tank 1.5 (0.7)
Overfill Guard Sightglass Ga Tank Fitting	uge with 1-1/2" BSP 1.5 (0.7)
	Overfill Guard Sightglass Ga Tank Fitting Overfill Guard Sightglass Ga Fitting Overfill Guard Sightglass Ga

*Specify tank depth (in inches) and **riser height (in inches)





Rev 8 7/19

TANK GAUGES





Overfill Tank Gauge

For use with oil, waste oil, diesel fuel, antifreeze and other fluids with a high flash point.

Dimensions and System Options

007 Tank Monitors

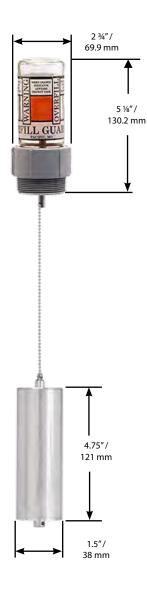
MODEL NO.	DESCRIPTION
007565 007 Audible and Visual Tank Monitor with Overfill Tank Gauge (includes indoor mount control panel, Overfill Tank Gauge and 12 volt transformer)	
009965	007 Audible and Visual Tank Monitor with Overfill Tank Gauge, 1-1/2" NPT tank fitting (includes indoor mount control panel, Overfill Tank Gauge and 12 volt transformer)

Sentry Wall Mounted Tank Monitors

MODEL NO.	DESCRIPTION	
007680	Sentry High or Low Wall Mounted Battery Operated Tank Monitor with Built-in 103 Decibel Siren and Overfill Tank Gauge	
007681	7681 Sentry High or Low Wall Mounted Tank Monitor with Built-in 103 Decibel Siren, Overfill Tank Gauge and 12 Volt Transformer	
009973	9973 Sentry High or Low Wall Mounted Battery Operated Tank Moni with Built in 103 Decible Siren, and Overfill Tank Gauge, 1-1/2" NPT tank fitting	
009975 Sentry High or Low Wall Mounted Tank Monitor with Built-in 103 Decibel Siren, Overfill Tank Gauge and 12 Volt Transformer, 1-1/2" NPT tank fitting		

Accessories

MODEL NO.	DESCRIPTION
007829	Adaptor, 1-1/2"
011426	Adaptor, 2"
007551	Chain, #2 Ball
007552	Eyelet, Brass
007866	Jar, Overfill





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For use with oil, waste oil, diesel fuel, antifreeze and other fluids with a high flash point.



- Large glass 4 window display.
- Highly visible orange indicator with UV inhibitor.
- 2" NPT and BSP
- 1-1/2" NPT and BSP
- Nickel-plated brass chain. Field adjustable to 72" from top of tank (extended chain available).
- Aluminum float.

New Gauges

MODEL NO.	DESCRIPTION SHIPPING WEIGHT	LBS (KG)
007635	Leak Guard Sightglass Gauge for Double Wall Tanks with 2" Male NPT Tank Fitting	1.5 (0.7)
007636	Leak Guard Sightglass Gauge for Double Wall Tanks with 11/2" Male NPT Tank Fitting	1.5 (0.7)
010002	Leak Guard Sightglass Gauge for Double Wall Tanks with 2" Male NPT Tank Fitting and Extended Chain	1.5 (0.7)
011177	Leak Guard Sightglass Gauge for Double Wall Tanks with 2" Male BSP Tank Fitting	1.5 (0.7)
011178	178 Leak Guard Sightglass Gauge for Double Wall Tanks with 1½" Male BSP Tank Fitting 1	
014287	Leak Guard Sightglass Gauge for Double Wall Tanks with $1^{1}\!/_{2}$ " Male NPT Tank Fitting and Extended Chain 1.5	
014556	Leak Guard Sightglass Gauge for Double Wall Tanks with 2" Female NPT Tank Fitting	1.5 (0.7)



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Leak Guard Tank Gauge

For use with oil, waste oil, diesel fuel, antifreeze and other fluids with a high flash point.

Dimensions and System Options

007 Tank Monitors

MODEL NO.	DESCRIPTION
007560	007 Audible and Visual Tank Monitor with Leak Guard Tank Gauge (includes indoor mount control panel, Leak Guard Tank Gauge and 12 volt transformer)

Sentry Wall Mounted Tank Monitors

MODEL NO.	DESCRIPTION	
007675	Sentry High or Low Wall Mounted Battery Operated Tank Monitor with Built-in 103 Decibel Siren and Leak Guard Tank Gauge	
007676	Sentry High or Low Wall Mounted Tank Monitor with Built-in 103 Decibel Siren, Leak Guard Tank Gauge and 12 Volt Transformer	
009967	Sentry High or Low Wall Mounted Battery Operated Tank Monitor with Built-in 103 Decibel Siren and Leak Guard Tank Gauge, 1-1/2" Male NPT tank fitting	
009970	Sentry High or Low Wall Mounted Battery Operated Tank Monitor with Built-in 103 Decibel Siren, Leak Guard Tank Gauge and 12 Volt Transformer, 1-1/2" Male NPT tank fitting	

2 34" / 69.9 mm

Accessories

MODEL NO.	DESCRIPTION
007551	Chain, #2 Ball
007552	Eyelet, Brass
011426	Adaptor, 2"
007865	Jar, Leak





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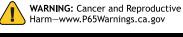


Seasee Drum Gauge



55 Gallon Horizontal Drum Gauge for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.





New Gauges

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
010528	55 Gallon Horizontal Drum Gauge	2.0 (0.9)

Construction

Clear polymer
Aluminum/polymers
Steel
Brass/steel



TANK GAUGES



55 Gallon Horizontal Drum Gauge for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

Dimensions and System Options





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DEF Black Knight[®] LLG



- One gauge accommodates tanks up to 99".
- Measures from 99" 0".
- 2" NPT Threads.
- Large number display.
- · Molded housing.
- Direct drive.

- Stainless steel chain.
- Oversized, DEF compatible anodized aluminum float assembly rotates to prevent chain entanglement.
- For use with diesel exhaust fluid (DEF).
- New swivel allows easy orientation of gauge after installation.

New Gauges

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
011809	DEF Black Knight [®] 99" Liqu	id Level Gauge for Diesel
	Exhaust Fluid	3.3 (1.5)





WARNING: Cancer and Reproductive Harm-www.P65Warnings.ca.gov TANK GAUGES



DEF Black Knight[®] LLG

Numbers decrease as fluid level lowers indicating how many inches are left until the tank is empty. For use with diesel exhaust fluid (DEF).

Dimensions and System Options

Floats

MODEL NO.	DESCRIPTION
013717	Float, DEF, 2" Horizontal, Annodized Assembly

Other Accessories

MODEL NO.	DESCRIPTION
007639	Clear Polycarbonate Cover





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Rev 3 7/19

Clearly Gauge® LLG



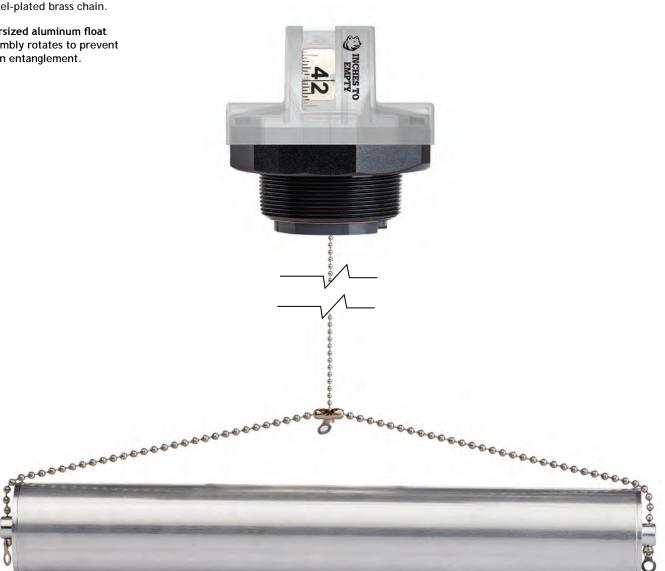
Numbers decrease as fluid level lowers indicating how many inches are left until the tank is empty. For use with oil, waste oil, diesel fuel, antifreeze, and other fluids with a high flash point.

- One gauge accommodates tanks up to 72".
- Measures from 72" 0". •
- 2" NPT threads.
- · Molded housing.
- · Direct drive.
- · Nickel-plated brass chain.
- Oversized aluminum float assembly rotates to prevent chain entanglement.

- · For use with oil, waste oil, diesel fuel, antifreeze, and most liquids with a high flash point.
- Greater depths available on request.

New Gauges

MODEL NO.	DESCRIPTION SHIPPING WEIGHT LBS (KG		GHT LBS (KG)
013962	Clearly Gauge® 72" Liquid Level	Gauge	.95 (.43)
015184	Clearly Gauge® 72" Liquid Level	Gauge	
	with Vertical Float		.95 (.43)







Numbers decrease as fluid level lowers indicating how many inches are left until the tank is empty. For use with oil, waste oil, diesel fuel, antifreeze, and other fluids with a high flash point.

Dimensions and System Options

Floats

MODEL NO.	DESCRIPTION	
007615	1 ¹ / ₂ " Vertical Float	
007616	1 ¹ / ₂ " Horizontal Float	

Other Accessories

MODEL NO.	DESCRIPTION
007551	Chain, #2 Ball
007552	Eyelet, Brass

1.5″/

38 mm

1.5″/

38 mm

Model 007615

Model 007616

10.7″/ 272 mm

Model 013962



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0

9.0″/ 229 mm



Tank Gauges & Alarms



007 Tank Alarm



High/Low Tank Alarm for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

•	Avoid costly overflows
	or untimely shortages.

- Supervised system.
- Low voltage.
- Strobe and siren.
- Can drive up to 10 solenoid valves.
- Easy installation.
- Maximum milliamp load is 750 mA. Do not exceed.

MODEL NO.	DESCRIPTION SHIPPING WEIGH	T LBS (KG)
007575	007 Audible and Visual Tank Gauge (includes indoor mount control panel, remote tank sensor, 10' lead wire and 12 volt transformer)	4.0 (1.8)
007555*	007 Audible and Visual Tank Gauge with Jarhead Tank Gauge (includes indoor mount control panel, Jarhead Tank Gauge, and 12 volt transformer) with 2" NPT Tank Fitting	5.0 (2.3)
007560 009963	007 Audible and Visual Tank Gauge with Leak Guard Tank Gauge (includes indoor mount control panel, Leak Guard tank gauge and 12 volt transformer) with 2" NPT Tank Fitting with 1-1/2" NPT Tank Fitting	5.0 (2.3)
007565** 009965**	007 Audible and Visual Tank Gauge with Overfill Tank Gauge (includes indoor mount control panel, Overfill tank gauge and 12 volt transformer) with 2" NPT Tank Fitting with 1-1/2" NPT Tank Fitting	5.0 (2.3)
008295	Audible and Visual Tank Monitor with 12 volt transformer (does not include a tank sensor)	5.0 (2.3
010304	007 Tank Alarm with built-in 103 Decibel Siren and Strobe Light, Remote 55 Gallon Drum High Level Sensor and 12 volt Transformer	2.8 (1.3)
010305	007 Tank Alarm with built-in 103 Decibel Siren and Strobe Light, Remote 55 Gallon Drum Low Level Sensor with Seal and 12 volt Transformer	3.0 (1.4
010306	007 Tank Alarm with built-in 103 Decibel Siren and Strobe Light, Remote 55 Gallon Drum High Level Sensor with Seal and 12 volt Transformer	2.8 (1.3)
011875	007 Audible and Visual Tank Gauge, 007 SV Solenoid Valve (includes indoor mount control panel, remote tank sensor, 10' lead wire, pneumatic shut off solenoid valve and two 12 volt transformers)	9.0 (4.1)

*Specify tank depth (in inches) and **riser height (in inches).









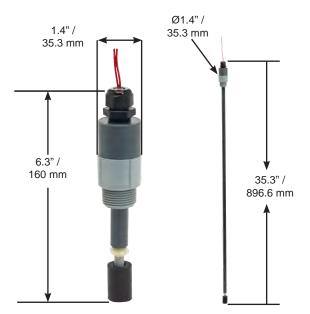
007 Tank Alarm

High/Low Tank Alarm for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

Dimensions and System Options

Accessories

MODEL NO.	DESCRIPTION
007595	12 volt Transformer
007660	Remote Tank Sensor
007936*	Remote Jarhead Tank Sensor with 2" tank fitting
008206*	Remote Jarhead Tank Sensor with 1-1/2" tank fitting
007655	Remote Leak Guard Tank Sensor with 2" tank fitting
007656	Remote Leak Guard Tank Sensor with 1-1/2" tank fitting
007742*	Remote Overfill Guard Tank Sensor with 2" tank fitting
007743**	Remote Overfill Guard Tank Sensor with 1-1/2" tank fitting
007695	Strobe Light
007690	Siren - 107 Decibels
007645	Heavy Duty Power Relay - 30 amp or 1-1/2" HP at 120 or 240 vac
009503	Remote 55 Gallon Drum High Level Sensor
009980	Remote 55 Gallon Drum Low Level Sealed Sensor
010000	Remote 55 Gallon Drum High Level Sealed Sensor
	*Specify tank depth (in inches) and **riser height (in inches)





Sentry Tank Alarm



- Avoid costly overflows or untimely inventory shortages.
- Engineered for most single and double walled above ground tanks.
- Common 9-volt battery operated or upgradeable to AC power.
- Alarm sounds for up to four days on a fresh battery.
- Ideal for remote areas where AC power is not accessible.
- Simple installation; easy maintenance.
- New swivel allows easy orientation of gauge after installation.

New Monitors and Alarms

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
007670	Sentry High or Low Battery Ope Built-in 103 Decibel Siren	erated Tank Alarm with 2.5 (1.1)
007671	Sentry high or Low Tank Alarm Decibel Siren and 12 Volt Trans	





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TANK GAUGES AND ALARMS



High/Low Tank Alarm for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

Dimensions





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Sentry Wall Mount



High/Low Tank Alarm for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

- Avoid costly overflows or untimely inventory shortages.
- Engineered for most single and double walled aboveground tanks.
- Common 9-volt battery operated or upgradeable to AC power.
- days on a fresh battery.Ideal for remote areas

Alarm sounds for up to four

- where AC power is not accessible.
- Simple installation; easy maintenance.







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Monitors and Alarms

MODEL NO.	DESCRIPTION	SHIPPING
	WEIGH	HT LBS (KG)
007675	Sentry High or Low Wall Mount Battery Operated Ta with Built-in 103 Decibel Siren and Leak Guard Tank with 2" NPT tank fitting	
007676	Sentry High or Low Wall Mount Battery Operated Ta with Built-in 103 Decibel Siren, Leak Guard Tank Se and 12 Volt Transformer, with 2" NPT tank fitting	
007680	Sentry High or Low Wall Mount Battery Operated Ta with Built-in 103 Decibel Siren and Overfill Tank Ser with 2" NPT tank fitting	
007681	Sentry High or Low Wall Mount Battery Operated Ta with Built-in 103 Decibel Siren, Overfill Tank Senso 12 Volt Transformer, with 2" NPT tank fitting	
007725	Sentry High or Low Wall Mount Battery Operated Ta with Built-in 103 Decibel Siren, with 2" NPT tank fitting	ank Alarm 3.0 (1.4)
007726	Sentry High or Low Wall Mount Battery Operated Ta with Built-in 103 Decibel Siren and 12 Volt Transfor with 2" NPT tank fitting	
007685*	Sentry High or Low Wall Mount Battery Operated Ta with Built-in 103 Decibel Siren and Jarhead Tank Se with 2" NPT tank fitting	
007686* 009972	Sentry High or Low Wall Mount Battery Operated Ta with Built-in 103 Decibel Siren, Jarhead Tank Senso 12 Volt Transformer, with 2" NPT tank fitting with 1-1/2" NPT tank fitting	
010713	Sentry Wall Mount Tank Alarm with Built-in 103 Dec Siren, Remote 55 Gallon Drum High Level Sensor an Battery	

*Specify tank depth (in inches) and **riser height (in inches)





High/Low Tank Alarm for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

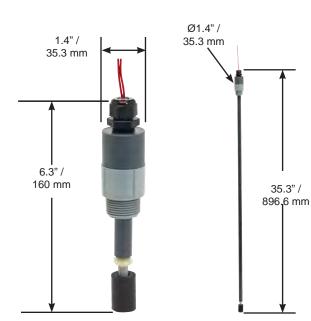
Dimensions and System Options

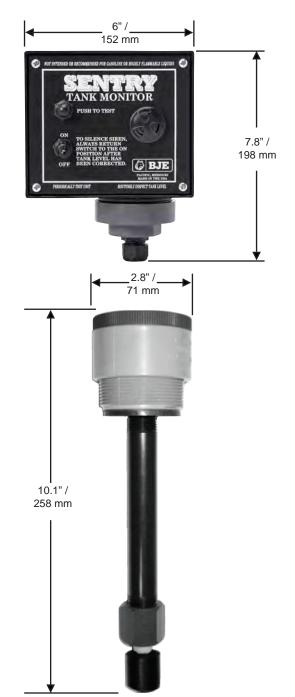
Sensors

MODEL NO.	DESCRIPTION
007661	Remote Tank Sensor
007650	Remote Jarhead Tank Sensor - 2" Tank Fitting
008211	Remote Jarhead Tank Sensor - 11/2" Tank Fitting
007657	Remote Leak Guard Tank Sensor - 2" Tank Fitting
007658	Remote Leak Guard Tank Sensor - 11/2" Tank Fitting
007740	Remote Overfill Guard Tank Sensor - 2" Tank Fitting
007741	Remote Overfill Guard Tank Sensor - 11/2" Tank Fitting
010821	Remote 55 Gallon Drum Low Level Sensor
010824	Remote 55 Gallon Drum High Level Sealed Sensor

Accessories

DESCRIPTION daptor, 1-1/2" NPT
daptor, 1-1/2" NPT
daptor, 2" NPT
Chain, #2 Ball
yelet, Brass
loat Sensor
ar, Jarhead
ar, Leak
ar, Overfill







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DEF Jarhead



Diesel Exhaust Fluid Tank Gauge with JARHEAD.

- Indicates level in fractions: empty - $\frac{1}{4}$ - $\frac{1}{2}$ - $\frac{3}{4}$ - full.
- Constructed from materials 100% compatible with Diesel Exhaust Fluid (DEF).
- Available in custom lengths from 12" - 120" (457.2 - 3048 mm).
- Durable silk screen painted scales.
- Visi-Glo[®] level indicator clearly displayed in the large glass window.
- Available for use with the 007 and Sentry high or low tank gauges.

New Gauges and Alarms

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
008558	Sightglass tank gauge with fraction 12" - 120" tank depth with 2" N	
008665	Sightglass tank gauge with fraction 61" - 120" tank depth with 2" N	

Construction

Body	Large glass housing
Rods	Stainless steel
Fasteners	Stainless steel
Connectors	Acetal
Linkage	Acetal
Float	DEF Compatible Anodized Aluminum
Seals	Fluorocarbon
Threads	2" / 50.8 mm NPS





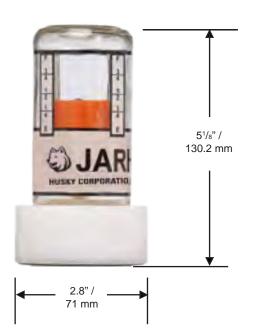




DEF Jarhead

Diesel Exhaust Fluid Tank Gauge with JARHEAD.

Dimensions









Diesel Exhaust Fluid OVERFILL Guard Tank Gauge.

- Constructed from materials 100% compatible with Diesel Exhaust Fluid (DEF).
- Stainless steel, field adjustable chain up to 72" (1,828.8 mm).
- Durable silk screen painted graphics.
- Visi-Glo[®] level indicator clearly displayed in the large glass window.
- Available for use with the 007 and Sentry high or low tank alarms.

New Gauges and Alarms

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
008670	Sightglass overfill guard connection	tank gauge with 2" NPS 1.5 (.68)

Construction

Body	Large glass housing
Chain	Stainless steel
Fasteners	Stainless steel
Connectors	Acetal
Linkage	Acetal
Float	DEF Compatible Anodized Aluminum
Seals	Flourocarbon









Diesel Exhaust Fluid OVERFILL Guard Tank Gauge.

Dimensions and System Options





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007 Tank Alarms with DEF JARHEAD Tank Gauges.

- Tank gauge constructed from materials 100% compatible with Diesel Exhaust Fluid (DEF).
- Wall mount tank alarm can be installed up to 350 feet from tank.
- Built-in 103 decibel siren.
- Built-in, highly visible strobe light.
- Tank alarm includes a push button test switch.
- Toggle switch to silence the siren and a flashing LED light warns when siren is muted.

- AC power indicator light.
- DEF Jarhead sightglass tank gauge indicates fluid level in fractions: empty - ¼ - ½ - ¾ - full.
- Available in custom lengths from 12" - 120" (457.2 - 3048 mm).
- Durable silk screen painted scales.
- Visi-Glo[®] level indicator clearly displayed in the large glass window.
- Easy to use, adjustable sensor for high or low alarm.

New Monitors and Alarms

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	LBS (KG)
008666	Audible and visual tank alarm with 12-volt transformer and sightglass tank gauge with fractional indicators for 12" - 120" tank depth with 2" NPS connection 10 (4		r 10 (4.5)

Construction

Body	Tank Alarm - Weather resistant ABS Tank Gauge - Large glass housing
Rods	Stainless steel
Fasteners	Stainless steel
Connectors	Acetal
Linkage	Acetal
Float	DEF Compatible Anodized Aluminum
Seals	Flourocarbon
Connections	Tank Alarm - ½" Romex Connector Tank Gauge - 2" / 50.8 mm NPS threads





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DEF 007 Tank Alarm

007 Tank Alarms with DEF JARHEAD Tank Gauges.

Dimensions and System Options









007 Tank Alarms with DEF OVERFILL Guards.

- Tank gauge constructed from materials 100% compatible with Diesel Exhaust Fluid (DEF).
- Wall mount tank alarm can be installed up to 350 feet from tank.
- Built-in 103 decibel siren.
- Built-in, highly visible strobe light.
- Tank alarm includes a push button test switch.
- Toggle switch to silence the siren and a flashing LED light warns when siren is muted.

- AC power indicator light.
- DEF overfill guard tank gauge has durable silk screen painted graphics.
- Field adjustable length up to 72" (1,828.8 mm).
- Visi-Glo[®] level indicator clearly displayed in the large glass window.
- Easy to use, adjustable sensor for high or low alarm.

New Monitors and Alarms

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
008667	Audible and visual tank alarm w and overfill guard tank gauge wi	
	connection	7.0 (3.2)

Construction

Body	Tank Alarm - Weather resistant ABS Tank Gauge - Large glass housing
Chain	Stainless steel
Fasteners	Stainless steel
Connectors	Acetal
Linkage	Acetal
Float	DEF Compatible Anodized Aluminum
Seals	Flourocarbon
Connections	Tank Alarm - ½" Romex Connector Tank Gauge - 2" NPS threads









DEF 007 Tank Alarm

007 Tank Alarms with DEF OVERFILL Guards.

Dimensions and System Options







5¹/4" / 133.4 mm



DEF Sentry Alarm



Sentry Wall Mounted Tank Alarms with DEF JARHEAD Tank Gauges.

- Tank gauge constructed from materials 100% compatible with Diesel Exhaust Fluid (DEF).
- Wall mount tank alarm can be installed up to 350 feet from tank.
- Built-in 103 decibel siren.
- Tank alarm includes a push button test switch.
- Toggle switch to silence the siren.
- Available with battery or with optional 12-volt transformer.

- DEF Jarhead sightglass tank gauge indicates fluid level in fractions: empty - ¼ - ½ - ¾ - full.
- Available in custom lengths from 12" - 120" (457.2 - 3048 mm).
- Durable silk screen painted scales.
- Visi-Glo[®] level indicator clearly displayed in the large glass window.
- Easy to use, adjustable sensor for high or low alarm.

New Monitors and Alarms

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
008677	Audible tank alarm, battery of tank gauge with fractional in tank depth with 2" NPS conn	dicators for 12" - 120"
008664	Audible tank alarm, with 12- sightglass tank gauge with fra 12" - 120" tank depth with 2	actional indicators for

Construction

Body	Tank Alarm - Weather resistant ABS Tank Gauge - Large glass housing
Rods	Stainless steel
Fasteners	Stainless steel
Connectors	Acetal
Linkage	Acetal
Float	DEF Compatible Anodized Aluminum
Seals	Flourocarbon
Connections	Tank Alarm - ½" Romex Connector Tank Gauge - 2" / 50.8 mm NPS threads







WARNING: Cancer and Reproductive Harm—www.P65Warnings.ca.gov **TANK GAUGES AND ALARMS**



DEF Sentry Alarm

Sentry Wall Mounted Tank Alarms with DEF JARHEAD Tank Gauges.

Dimensions and System Options

Accessories

MODEL NO.	DESCRIPTION
008673	DEF Remote Jarhead Sensor







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Rev 4 7/19

DEF Sentry Alarm



Sentry Wall Mounted Tank Alarms with DEF OVERFILL Guards.

- Tank gauge constructed from materials 100% compatible with Diesel Exhaust Fluid (DEF).
- · Wall mount tank alarm can be installed up to 350 feet from tank.
- Built-in 103 decibel siren.
- Tank alarm includes a push button test switch.
- Toggle switch to silence the siren.
- · Available with battery or with optional 12-volt transformer.

- DEF overfill guard tank gauge has durable silk screen painted graphics.
- Available with field adjustable chain up to 72" (1,828.8 mm).
- Visi-Glo[®] level indicator clearly displayed in the large glass window.
- Easy to use, adjustable sensor for high or low alarm.

New Monitors and Alarms

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS	6 (KG)
008668	Audible tank alarm, battery oper overfill guard tank gauge with 2"		i (2.5)
008669	Audible tank alarm, with 12-volt overfill guard tank gauge with 2"		i (2.5)

Construction

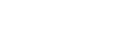
Body	Tank Alarm - Weather resistant ABS Tank Gauge - Large glass housing
Rods	Stainless steel
Fasteners	Stainless steel
Connectors	Acetal
Linkage	Acetal
Float	DEF Compatible Anodized Aluminum
Seals	Flourocarbon
Connections	Tank Alarm - ½" Romex Connector Tank Gauge - 2" / 50.8 mm NPS threads



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TANK GAUGES AND ALARMS



DEF Sentry Alarm

Sentry Wall Mounted Tank Alarms with DEF OVERFILL Guards.

Dimensions and System Options

Accessories

MODEL NO.	DESCRIPTION
008674	DEF Remote Overfill Guard Sensor





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133.4 mm



Rev 4 7/19

55 Drum Alert



Low and High Drum Alert.

- Waterproof self-contained housing to ensure contaminate-free monitoring.
- Vented design.
- 9-volt battery powered, provided.
- 103 decibel alarm siren.
- Yellow LED low battery indicator light.
- Audible low battery indicator chirp.
- On/Off/Test switch.
- PVC and ABS plastics construction.
- Not recommended for liquids with a specific gravity less than .85.

- Fits in 3/4" NPT vent opening.
- UL Buna N sensor.
- Hi level actuation point = 3" Low level actuation point = 2"
- Simple installation.
- Easy battery replacement.
- Audible alert.
- Housing can be rotated for best viewing orientation.
- Less expensive than comparable monitors.
- 2 plus year battery life.
- Alarm sounds for 12 plus hours.

New 55 Gallon Drum Alert

MODEL NO.	DESCRIPTION SH	IIPPING WEIGHT LBS (KG)
009952	Drum "55" Alert Low	1.0 (0.45)
009953	Drum "55" Alert High	.66 (0.3)
013883	SHM1 Outdoor Tank Monitor with Rem	note Sensor 1.35 (0.6)





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Rev 3 7/19



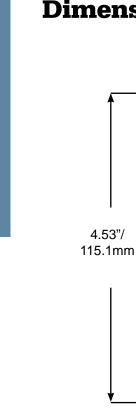
TANK GAUGES AND ALARMS



55 Drum Alert

Low and High Drum Alert.

Dimensions









55 Drum Alarm



Low, 007 and SENTRY 55 gallon drum alarm.

- Compact low profile sensor housing.
- Vented or sealed design.
- Waterproof cord grip and housing to prevent external contamination of barrel contents.
- 10 foot sensor leads for convenient installation to SENTRY or 007 control panels.
- Not recommended for liquids with a specific gravity less than .85.
- Fits in 3/4" NPT vent opening.
- UL Buna N sensor.

- Hi level actuation point = 3" Low level actuation point = 32"
- Interfaces with existing SENTRY or 007 tank monitors.
- Combined with a SENTRY or 007 tank monitors, multiple barrels can be monitored at the same time (additional remote barrel sensors required).
- Less expensive than comparable monitor.

New 007 55 Gallon Drum Alarm

MODEL NO.	DESCRIPTION	SHIPPING WEIGH	T LBS (KG)
009503	Remote 55 Gallon Drum High	Level Alarm	.25 (0.1)
009980	Remote 55 Gallon Drum Low	Level Sealed Alarm	.45 (0.2)
010000	Remote 55 Gallon Drum High	Level Sealed Alaram	.25 (0.1)

New SENTRY 55 Gallon Drum Alarm

MODEL NO.	DESCRIPTION SHIPPING WEIGH	IT LBS (KG)
010821	Remote 55 Gallon Drum Low Level Alarm	.45 (0.2)
010824	Remote 55 Gallon Drum High Level Sealed Alarm	.25 (0.1)



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Low Alarm



TANK GAUGES AND ALARMS



Drum Alarm 55

Low, 007 and SENTRY 55 gallon drum alarm.

Dimensions







FNTM Drum Gauge



FNTM 55 Gallon Drum Gauge

- Waterproof self-contained housing to ensure contaminate-free monitoring.
- AA battery powered, provided.
- Touch gauge sides to activate LEDs
- Displays drum levels from 90% to 5%.
- Alerts when the drum level is below 5%
- Low battery alert
- Audible low battery indicator chirp.

- PVC and ABS Plastics Construction.
- FNTM is designed to be used in standard metal 55 gallon drums.
- Fits in 3/4" NPT vent opening.
- Simple installation.
- Easy battery replacement.
- Audible alert.
- Less expensive than comparable monitors
- 2 plus year battery life

New 55 Gallon Drum Alert

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
010807	FNTM 55 Gallon Drum Gauge	1.0 (0.45)





Rev 5 7/19

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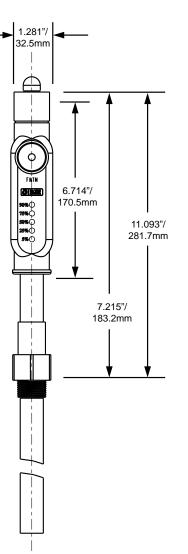




FNTM Drum Gauge

FNTM 55 Gallon Drum Gauge

Dimensions









Tank Controller for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

- Self-regulating fluid transfer system.
- Provides automatic re-filling • of monitored tank.
- Prevents costly tank overfills.
- Built in overfill monitoring-103 decibel alarm siren and flashing LED.
- Push to fill button provides instant topping off of monitored tank.
- Engineered for most single or double wall tanks with 2" NPT bung opening.
- Designed for tank depths between 24"-78" (610 mm-1981 mm).

- Requires one air powered diaphragm pump not included.
- . System shuts off air to diaphragm pump and oil flow to day tank when high level sensor is tripped.
- System includes: Tank mounted controller, air solenoid valve, fluid control valve, 115 volt ac adaptor, 25 ft of cabling.
- Tank depth and riser height information required at time of order.
- New swivel allows easy • orientation of gauge after installation.

Monitors and Alarms

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
010613	Kaltey Commander Tank Controll	er 14 (6.4)

OBJE





Rev 5 7/19





Tank Controller for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

Dimensions





Tank Controller for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

- Self-regulating fluid transfer system.
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- Prevents costly tank overfills.
- Built in overfill monitoring-103 decibel alarm siren and flashing LED.
- Push to fill button provides instant topping off of monitored tank.
- Engineered for most single or double wall tanks with 2" NPT bung opening.
- Designed for tank depths between 24"-78" (610 mm-1981 mm).

IN

 Requires one air powered diaphragm pump not included.

Kaltey Commander Tank Controller Wall Mount

- System shuts off air to diaphragm pump and oil flow to day tank when high level sensor is tripped.
- System includes: wall mounted controller, air solenoid valve, fluid control valve, 115 volt ac adaptor, 25 ft of cabling.
- Tank depth and riser height information required at time of order.

Monitors and Alarms

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
010614	Kaltey Commander Wall Mount	
	Tank Controller	14 (6.4)

6







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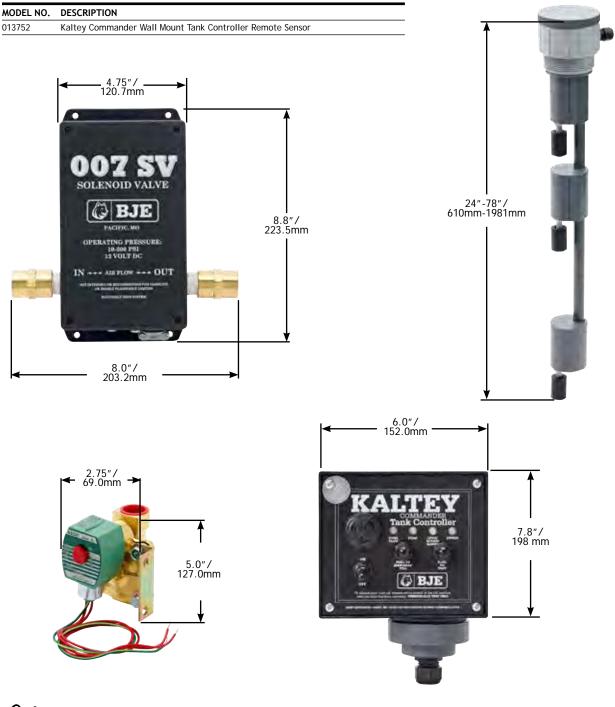


TANK GAUGES AND ALARMS

Tank Controller for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

Dimensions and System Options

Accessories





MK6 Tank Alarm



High/Low Tank Alarm for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

- Monitor up to 6 tanks independently.
- Tank probes sold seperately
- Avoid costly overflows or untimely shortages.
- Supervised system.
- Low voltage.
- Strobe and siren.
- 6 independent LED displays

to indicate which circuit is in alarm.

- Easy installation.
 - Maximum milliamp load is 750 mA.
 - Capable of driving a solenoid valve for each tank monitored.

New Gauges and Alarms

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
014509	MK6 Audible and Visual T (includes indoor mount of and 12 volt transformer)	control panel,







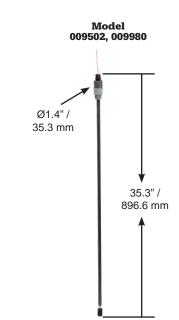
High/Low Tank Alarm for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

Dimensions and System Options

Accessories

MODEL NO.	DESCRIPTION	
007595	12 volt Transformer	
007660	Remote Tank Sensor	
007936*	Remote Jarhead Tank Sensor with 2" tank fitting	
008206*	Remote Jarhead Tank Sensor with 1-1/2" tank fitting	
007655	Remote Leak Guard Tank Sensor with 2" tank fitting	
007656	Remote Leak Guard Tank Sensor with 1-1/2" tank fitting	
007742	Remote Overfill Guard Tank Sensor with 2" tank fitting	
007743	Remote Overfill Guard Tank Sensor with 1-1/2" tank fitting	
007695	Strobe Light	
007690	Siren - 107 Decibels	
007645	Heavy Duty Power Relay - 30 amp or 1-1/2" HP at 120 or 240 vac	
009503	Remote 55 Gallon Drum High Level Sensor	
009980	Remote 55 Gallon Drum Low Level Sealed Sensor	
010000	Remote 55 Gallon Drum High Level Sealed Sensor	
	*Specify tank depth (in inches) and riser height (in inches	











Gauge Accessories



AD 110 Drain Valve



Automatic Drain Valve.

- Automatically drains moisture from air compressor tanks, dryers, after coolers, etc.
- Delivers drier air extending life of tools and pneumatic equipment.
- Eliminates manual draining
 fully automatic no maintenance.
- 230 PSI maximum pressure.

- ¼" NPT ports.
- 6 ft. power cord.
- 115 VAC power.
- Adjustable cycle time from 1 - 45 minutes.
- Adjustable discharge time from .25 25 seconds.
- Manual test switch.

New Valves

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
007585	AD110 Electronic Drain Valve	1.0 (0.4)

Optional ¼" Y Strainer

	ed for optimal per ur. Brass, includes	i.e. scaling,	where air	compressor
007730	AD Y Strainer			1.0 (0.4)





Rev 3 7/19

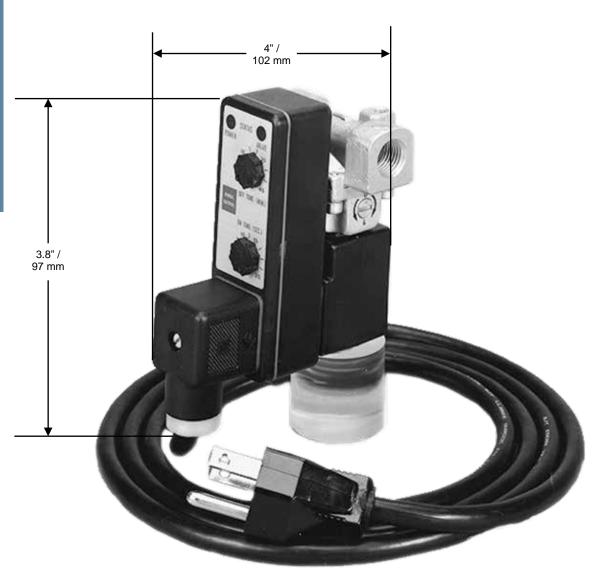
WARNING: Cancer and Reproductive Harm–www.P65Warnings.ca.gov GAUGE ACCESSORIES





Automatic Drain Valve.

Dimensions





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Rev 3 7/19

Solenoid Valve System



Keyed Remote Solenoid Valve System controls air supply to equipment with the turn of a key up to 2000 feet away. Helps assure air compressors or oil pumps are idled when unattended.

- Stop unauthorized use of pneumatic equipment.
- is on/open.
 12 volt DC, ¹/₂" NPT

· Red LED indicates valve

ports, 200 PSI max.

- Prevent pilferage of bulk oil/ product inventory.
- Low voltage.
- Easy installation.

New Valves

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT L	BS (KG)
007630	Keyed Remote Air Solen	oid Valve System Control	4.0 (1.8)







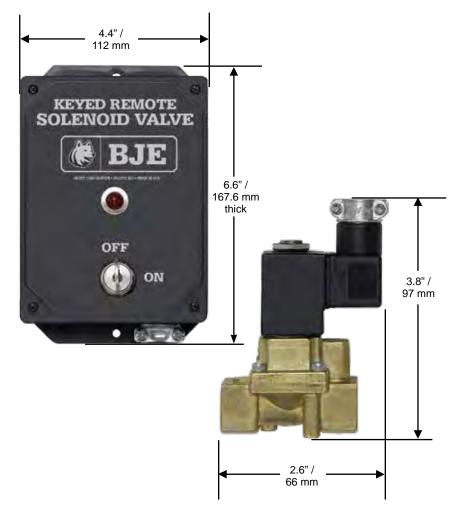
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Keyed Remote Solenoid Valve System controls air supply to equipment with the turn of a key up to 2000 feet away. Helps assure air compressors or oil pumps are idled when unattended.

Dimensions







Solenoid Valves



For use with the 007 tank monitor.

007 SV Solenoid Valve

- Low voltage solenoid valve.
- Shuts off air to pump when 007 is in alarm condition.
- Can be located up to 350' away from 007.
- Wall mount transformer included.
- 12V DC.
- 1/2" NPT Ports.
- 10-200 PSI.

007 SVT Solenoid Valve with Timer

- Same as 007 SV with added timer.
- SAVE TIME AND MONEY!
- Shuts off pump, saving labor time and equipment failure due to unattended pump station.
- Simply turn knob to desired time (3-15 min.) and get back to the job.

Heavy Duty 007 Power Relay

- SPDT [N/O or N/C] dry contacts for a variety of applications, i.e. drive electric pumps, turn lights on/off, etc.
- 30 amp or 1-1/2 hp at 120 or 240 VAC

Specifying Information

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS	(KG)
007645	Heavy Duty Power Relay for 007 Tank Gauge - 30 AMP or 1^{1}_{2} HP at 120 or 240 VAC 1.0 (0.		(0.4)
007570	007 SVT Solenoid Valve with Timer - 12 Volt Electric (includes wall mount transformer) 5.0 (2		(2.3)
007580	007 SV Solenoid Valve - 12 Volt Electric (includes wall mount transformer) 5.		(2.3)





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Solenoid Valves

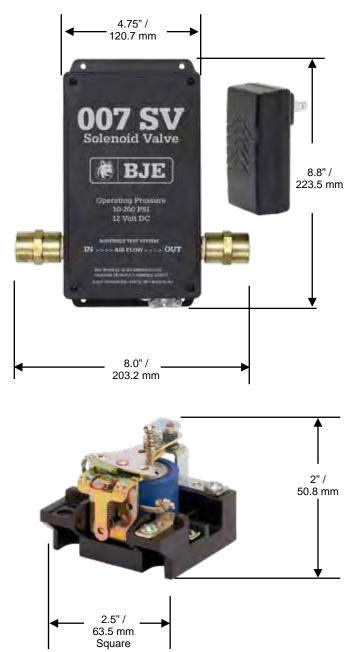
For use with the 007 tank monitor.

Dimensions and System Options

Accessorie	C.
HUCCBBUILD	

MODEL NO.	DESCRIPTION
007595	12 Volt Transformer







Siren/Sensor/Strobe



For all tank gauges.

107-Decibel Siren

- Ideal for remote locations.
- · Low voltage.
- Can be located up to 350' away from 007 tank gauge with 18-gauge wire.

Remote Tank Sensor

- Designed for use with Sentry or 007 tank gauge.
- Ideal for 2nd sensor or interstitial space.
- 1/2" x 6" PVC tube can be replaced for monitoring low tank. Please specify 007 or Sentry.
- 2" and 1-1/2" NPT tank fittings available.



Strobe Light

- Low voltage.
- Ideal for remote locations.
- Can be located up to 350' away from 007 tank gauge with 18-gauge wire.

UL Transformer

Self-resetting.

007 Gauges Accessories

DESCRIPTION SHI	PPING WEIGHT LBS (KG)
Strobe Light for 007 Tank Gauge	0.4 (0.2)
Siren for 007 Tank Gauge - 107 Decibe	ls 0.1 (0.04)
Remote Tank Sensor for 007 Tank Gaug	je 1.5 (0.7)
Remote Jarhead Tank Sensor for 007 Tank Gauge with 2" Tank Fitting	
Remote Jarhead Tank Sensor for 007 T with $1^1\!/\!\!/"$ Tank Fitting	ank Gauge 1.5 (0.7)
Remote Leak Guard Tank Sensor for 00 with 2" Tank Fitting	07 Tank Gauge 2.0 (0.9)
Remote Leak Guard Tank Sensor for 00 with $1^{1}\!/_{2}$ " Tank Fitting	07 Tank Gauge 2.0 (0.9)
Remote Overfill Guard Tank Sensor for Gauge with 2" Tank Fitting	007 Tank 2.0 (0.9)
Remote Overfill Guard Tank Sensor for Gauge with $1^{1}\!/_{2}^{\prime\prime}$ Tank Fitting	007 Tank 2.0 (0.9)
12 Volt Transformer for 007 and Sentry	y Tank Gauges 1.5 (0.7)
	Strobe Light for 007 Tank Gauge Siren for 007 Tank Gauge - 107 Decibe Remote Tank Sensor for 007 Tank Gaug Remote Jarhead Tank Sensor for 007 T with 2" Tank Fitting Remote Jarhead Tank Sensor for 007 T with 1½" Tank Fitting Remote Leak Guard Tank Sensor for 00 with 1½" Tank Fitting Remote Leak Guard Tank Sensor for 00 with 1½" Tank Fitting Remote Overfill Guard Tank Sensor for Gauge with 2" Tank Fitting Remote Overfill Guard Tank Sensor for Gauge with 1½" Tank Fitting

Sentry Gauge Accessories

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
007661	Remote Tank Sensor for Sentry Tar	nk Gauge 1.5 (0.7)
007650*	Remote Jarhead Tank Sensor for S with 2" Tank Fitting	entry Tank Gauge 3.0 (1.4)
008211*	Remote Jarhead Tank Sensor for S with 11/2" Tank Fitting	entry Tank Gauge 3.0 (1.4)
007657*	Remote Leak Guard Tank Sensor for Sentry Tank Gauge with 2" Tank Fitting 2.0 (0.4	
007658*	Remote Leak Guard Tank Sensor for with 11/2" Tank Fitting	or Sentry Tank Gauge 2.0 (0.9)
007740*	Remote Overfill Guard Tank Sensor Gauge with 2" Tank Fitting	r for Sentry Tank 2.0 (0.9)
007741*	Remote Overfill Guard Tank Sensor Gauge with 11/2" Tank Fitting	r for Sentry Tank 2.0 (0.9)
007595	12 Volt Transformer for 007 and Se	entry Tank Gauges 1.5 (0.7)
	*Specify topk dopt	(in inches) and **riser height (in inche

*Specify tank depth (in inches) and **riser height (in inches)



Rev 4 7/19

GAUGE ACCESSORIES

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For all tank gauges.

Dimensions and System Options

007 Tank Gauges

MODEL NO.	DESCRIPTION	
007575	007 Audible and Visual Tank Gauge (includes indoor mount control panel, remote tank sensor, 10' lead wire and 12 volt transformer)	
007555*	007 Audible and Visual Tank Gauge with Jarhead Tank Gauge (includes indoor mount control panel, Jarhead Tank Gauge, and 12 volt transformer)	
007560	007 Audible and Visual Tank Gauge with Leak Guard Tank Gauge (includes indoor mount control panel, Leak Guard Tank gauge, remote strobe, remote siren, and 12 volt transformer)	
007565	007 Audible and Visual Tank Gauge with Overfill Tank Gauge (includes indoor mount control panel, Overfill tank gauge, remote strobe, remote siren, and 12 volt transformer)	

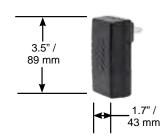
Sentry Tank Gauges

MODEL NO.	DESCRIPTION
007670	Sentry High or Low Battery Operated Tank Gauge with Built-in 103 Decibel Siren
007671	Sentry high or Low Tank Gauge with Built-in 103 Decibel Siren and 12 Volt Transformer
007675	Sentry High or Low Wall Mounted Battery Operated Tank Gauge with Built-in 103 Decibel Siren and Leak Guard Tank Gauge
007676	Sentry High or Low Wall Mounted Battery Operated Tank Gauge with Built-in 103 Decibel Siren, Leak Guard Tank Gauge and 12 Volt Transformer
007680	Sentry High or Low Wall Mounted Battery Operated Tank Gauge with Built-in 103 Decibel Siren and Overfill Tank Gauge
007681	Sentry High or Low Wall Mounted Battery Operated Tank Gauge with Built-in 103 Decibel Siren, Overfill Tank Gauge, and 12 Volt Transformer
007725	Sentry High or Low Wall Mounted Battery Operated Tank Gauge with Built-in 103 Decibel Siren
007726	Sentry High or Low Wall Mounted Battery Operated Tank Gauge with Built-in 103 Decibel Siren and 12 Volt Transformer
007685*	Sentry High or Low Wall Mounted Battery Operated Tank Gauge with Built-in 103 Decibel Siren and Jarhead Tank Gauge
007686*	Sentry High or Low Wall Mounted Battery Operated Tank Gauge with Built-in 103 Decibel Siren, Jarhead Tank Gauge, and 12 Volt Transformer
	the second stands of the first stands of the

*Specify tank depth (in inches) and **riser height (in inches)

Accessories

MODEL NO.	DESCRIPTION
007829	Adaptor, 1-1/2" Jarhead
007865	Jar, Leak







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4_2.8" /_ 71 mm

10.1" / 258 mm

TM3 Valve



4-5

TM3 Air Shut-off Valve for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

- Fully pneumatic no electronic parts.
- Avoid costly overflows or untimely inventory shortages.
- Ideal for tanks with baffles.
- Engineered for most single or double walled above ground storage tanks.
- Aluminum float is not affected by oils or most other chemicals.
- Shuts off air supply to pumps preventing tank overflows.
- Easy installation.
- Operating range 30-200 PSI.

New Valves

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
007700	TM3 Pneumatic Shut Off Valve	4.7 (2.1)





Rev 5 7/19







TM3 Air Shut-off Valve for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

Dimensions and System Options

Replacement Parts

MODEL NO.	DESCRIPTION
007553	TM3 Replacement Chain
011425	TM3 Replacement Float
007774	TM3 Weight









Oil Baron





Safely cleans petroleum spills, making them non hazardous and nonflammable.

When your job involves working with hydrocarbons (including oil, grease and gasoline), you know how tough it is to safely clean up the spills left behind. Oil Baron safely cleans up the spills, rendering them nonhazardous and requiring no special waste disposal.

From service stations to auto repair bays, Oil Baron makes it easy to clean unsightly, unsafe or hazardous messes and spills. It breaks down hydro carbons (gasoline and other petroleum products) to water and carbon dioxide. It can be applied using floor scrubbers, pressure washers or mops with no special hazardous waste disposal required.



The advantages of Oil Baron:

- Breaks down hydrocarbons (including gasoline) to water and carbon dioxide
- Cuts through the tough oil, grease, carbon and other spills for superior results
- Microbial action digests hydrocarbon mess
- No oil or greasy residue left behind
- Surfaces are clean, dry and oil-free for ideal traction
- Quick drying and available in an easy-to-use spray or concentrate
- Apply with mops, garden sprayer, auto floor scrubbers and pressure washers
- Less expensive and lasts longer compared to conventional cleaners and degreasers

Works on these surface areas:

- Concrete, tile, and metal
- Urethane, acrylic and latex paint
- VCT and waxed floors
- Plexi-glass, epoxy, plastic and rubber

Nonhazardous:

- Non-corrosive, fragrance-free product
- Significantly reduces the ability of flammable hydrocarbons to ignite





Safely cleans petroleum spills, making them non hazardous and nonflammable.

Usage/Dilution Ratio Chart

Applications & Ratios

	HEAVY DUTY	MEDIUM DUTY	LIGHT DUTY
Floor Scrubber	1:30	1:30	1:40
Mopping	1:05	1:10	1:15
Degreasing	1:2	1:4	1:8
Pressure Washing	1:50	1:75	1:100
Spill Control	1:1	1:5	1:10

20 oz. Aerosol

Item No.	013824
Unit Size	20 oz.
Unit Dimensions	9.5" H x 2.25" W x 2.25" D
Case Quantity	12
Case Dimensions	9.5" H x 11" W x 8.5" D
Case Weight	20 lbs.
Case Cubic	0.51
Pallet	18 x 5 = 90 Cases

32 oz. Quart

Item No.	013823
Unit Size	32 oz.
Unit Dimensions	9" H x 4" W x 3" D
Case Quantity	12
Case Dimensions	10.5" H x 11" W x 14.5" D
Case Weight	32 lbs.
Case Cubic	0.97
Pallet	12 x 4 = 48 Cases





32 oz. Quart





Oil Baron Plus



Oil Baron PLUS removes the toughest hydrocarbon (oil, gas/diesel, tar) stains on most hard, industrial surfaces.

It can seem impossible to remove tough, deep oil, tar and grease stains in concrete or other hard surfaces. With Oil Baron PLUS, it's not only possible to regain a clean surface area, this easy-to-use product outperforms all other competitors.

Simply apply Oil Baron PLUS onto the effected surface area then scrub. It immediately does the hard work by penetrating deep into the surface to remove tough, embedded stains. Then just rinse for an oil-free surface. There's no waiting to see results. There are no worries about safety concerns you find with dangerous acids. Best of all, Oil Baron PLUS removes your frustration of cleaning up the toughest oil stains.



The advantages of Oil Baron Plus:

- Quickly penetrates deep into the material surface to immediately remove oil and tar stains
- Microbial action eliminates stains
- Outperforms dangerous acids, conventional degreasing and poultice products
- Easy and simple to use: Apply, scrub, rinse and you're done
- Economical: Treats up to 10x more surface area than competitive products

Works in these applications:

- Fueling areas
- Loading docks, parking lots, drive-throughs
- Manufacturing facilities
- Vehicle repair facilities
- Concrete parking garages

Ideal for deep cleaning:*

- Concrete
- Bricks
- Masonry
- Pavers

Removes tough stains caused by:

- Motor oil, tar, anti-freeze, grease and diesel fuel
- Brake, hydraulic, power steering and transmission fluid





Oil Baron Plus

Oil Baron PLUS removes the toughest hydrocarbon (oil, gas/diesel, tar) stains on most hard, industrial surfaces.

Comparison Chart

Compare

PRODUCT	TIME	CHEMISTRY	COVERAGES
Oil Baron PLUS	1 min.	Microbial Cleaner	75 sq. ft./20 oz.
Competitor 1	5-8 hrs.	Poultice	6 sq. ft./32 oz.
Competitor 2	5-8 hrs.	Poultice	18 sq. ft./32 oz.
Competitor 3	5 min.	Acid-Cleaner	50 sq. ft./0.5 gal.
Competitor 4	30 min.	Poultice	30 sq. ft./0.5 gal.

16 oz. Aerosol

Item No.	013826
Unit Size	16 oz.
Unit Dimensions	2.125" L x 2.125" W x 10.25" H
Case Quantity	12
Case Dimensions	11.25" L x 8.5" W x 10.25" H
Case Weight	15 lbs.
Case Cubic	0.56
Pallet	18 x 5 = 90 Cases

32 oz. Quart

Item No.	013825
Unit Size	32 oz.
Unit Dimensions	5.25" L x 2.0" W 7.75" H
Case Quantity	6
Case Dimensions	12.0″ L x 6.0″ W x 7.75″ H
Case Weight	16 lbs.
Case Cubic	0.5
Pallet	12 x 4 = 48 Cases







Aviation Fueling Hoses



4113 Permanent



4113 Permanent Fitting aviation fueling hose recommended for all types of riser deck, reel, and hydrant hose applications.

- Used for commercial and private aircraft
- Resistant to jet fuel and higher aromatic aviation gasolines
- Compatible with use on hydrant service
- Meets El 1529, 7th Edition, 2014 and European Standard EN ISO 1825 (2011), Type C, Grade 2, and NPFA 407
- Operating tempuratue -22°F to +149°F (-30°C to +65°C)
- Recommended for all types of riser deck, reel, and hydrant hose applications
- All aviation hose assemblies are 100% hydrostatic tested to 600 PSI and inspected for electrical continuity
- Every hose receives a unique serial number and test certificate



Specifying Information

MODEL NO.	DESCRIPTION	SHIPPING WE	IGHT LBS (KG)
1" HOSES			
CP160024HABA	1" x 2' HEW 4113 M	XM NPT BR NR	1.24 (0.6)
CP160180HABA	1" x 15' HEW 4113 I	MXM NPT BR NR	10.0 (4.5)
CP160360HABA	1" x 30' HEW 4113 I	MXM NPT BR NR	20.0 (9.1)
CP160420HABA	1" x 35' HEW 4113 I	MXM NPT BR NR	23.0 (10.5)
CP160472HABA	1" x 39' 4" HEW 41	13 MXM NPT BR NR	25.0 (11.3)
CP160480HABA	1" x 40' HEW 4113 I	MXM NPT BR NR	26.0 (11.8)
CP160588HABA	1" x 49' HEW 4113 I	MXM NPT BR NR	30.4 (13.8)
CP160600HABA	1" x 50' HEW 4113 I	MXM NPT BR NR	32.0 (14.5)
CP160720HABA	1" x 60' HEW 4113 I	MXM NPT BR NR	38.0 (17.3)
CP160792HABA	1" x 66' HEW 4113 I	MXM NPT BR NR	42.0 (19.1)
CP160900HABA	1" x 75' HEW 4113 I	MXM NPT BR NR	48.0 (21.8)
CP160960HABA	1" x 80' HEW 4113 I	MXM NPT BR NR	51.0 (23.1)
CP161080HABA	1" x 90' HEW 4113 I	MXM NPT BR NR	57.0 (25.9)
CP161200HABA	1" x 100' HEW 4113	MXM NPT BR NR	63.0 (28.6)
CP161380HABA	1" x 115' HEW 4113	MXM NPT BR NR	71.3 (32.4)
CP161560HABA	1" x 130' HEW 4113	MXM NPT BR NR	80.6 (36.6)
1 ¹ / ₄ " HOSES			
CP200600HABA	11/4" x 50' HEW 411	3 MXM NPT BR NR	42.0 (19.1)
CP200660HABA	11/4" x 55' HEW 411	3 MXM NPT BR NR	45.0 (20.1)
CP200792HABA	11/4" x 66' HEW 411		54.0 (24.5)
CP200840HBBA	11/4" x 70' HEW 411	3 MXF NPT BR NR	57.0 (25.9)
CP200900HABA	11/4" x 75' HEW 411	3 MXM NPT BR NR	61.0 (27.8)
CP201176HABA	11/4" x 98' HEW 411	3 MXM NPT BR NR	77.4 (35.2)
CP201200HBBA	11/4" x 100' HEW 41	13 MXF NPT BR NR	81.0 (36.8)
CP201200HABA	11/4" x 100' HEW 41	13 MXM NPT BR NR	81.0 (36.8)
1 ¹ / ₂ " HOSES			
CP240024HABA	11/2" x 2' HEW 4113	MXM NPT BR NR	1.7 (0.8)
CP240108HABA	11/2" x 9' HEW 4113	MXM NPT BR NR	11.0 (5.0)
CP240120HABA	11/2" x 10' HEW 411	3 MXM NPT BR NR	12.0 (5.5)
CP240600HABA	11/2" x 50' HEW 411		51.0 (23.2)
CP240720HABA	11/2" x 60' HEW 411		61.0 (27.8)
CP240780HBBA	1 ¹ /2" x 65' HEW 411		66.0 (30.0)
CP240792HABA	11/2" x 66' HEW 411	3 MXM NPT BR NR	67.0 (30.5)
CP240840HABA	11/2" x 70' HEW 411	3 MXM NPT BR NR	71.0 (32.3)
CP240900HABA	11/2" x 75' HEW 411	-	76.0 (34.5)
CP241020HABA	11/2" x 85' HEW 411		85.0 (38.6)
CP241200HABA	11/2" x 100' HEW 41		100.0 (45.5)
CP241200HBBA	11/2" x 100'HEW 411	3 MXF NPT BR NR	100.0 (45.5)

CP240420HABA 1½* x 35' HEW 4113 MXM NPT BR NR 36.0 (16.4) CP240684HABA 1½* x 57' HEW 4113 MXM NPT BR NR 49.0 (22.3) CP241080HABA 1½* x 114' HEW 4113 MXM NPT BR NR 66.0 (30.0) CP241368HABA 1½* x 150' HEW 4113 MXM NPT BR NR 98.0 (44.5) CP21000HABA 1½* x 150' HEW 4113 MXM NPT BR NR 129.0 (58.6) 2" HOSES C C CP320120HABA 2" x 10' HEW 4113 MXM NPT BR NR 16.0 (7.3) CP320120HABA 2" x 11.17' HEW 4113 MXM NPT BR NR 19.0 (8.6) CP320130HABA 2" x 12' HEW 4113 MXM NPT BR NR 23.0 (10.5) CP320130HABA 2" x 16' 5" HEW 4113 MXM NPT BR NR 24.0 (10.9) CP320216HABA 2" x 16' 5" HEW 4113 MXM NPT BR NR 26.0 (11.8) CP320216HABA 2" x 20' HEW 4113 MXM NPT BR NR 29.0 (13.2) CP320420HABA 2" x 50' HEW 4113 MXM NPT BR NR 68.0 (30.9) CP320564HABA 2" x 50' HEW 4113 MXM NPT BR NR 68.0 (30.9) CP320600HABA 2" x 50' HEW 4113 MXM NPT BR NR 68.0 (30.9) CP320600HABA 2" x 50' HEW 4113 MXM NPT BR NR 68.4 (31.1) CP32000HABA	MODEL NO.	DESCRIPTION	SHIPPING WE	IGHT LBS (KG)
CP240780HABA 1½" x 65' HEW 4113 MXM NPT BR NR 66.0 (30.0) CP241368HABA 1½" x 114' HEW 4113 MXM NPT BR NR 98.0 (44.5) CP241800HABA 1½" x 150' HEW 4113 MXM NPT BR NR 129.0 (58.6) 2" HOSES CP320120HABA 2" x 10' HEW 4113 MXM NPT BR NR 129.0 (58.6) CP320134HABA 2" x 10' HEW 4113 MXM NPT BR NR 16.0 (7.3) CP32014HABA 2" x 12' HEW 4113 MXM NPT BR NR 13.4 (6.1) CP320134HABA 2" x 12' HEW 4113 MXM NPT BR NR 19.0 (8.6) CP32014HABA 2" x 15' HEW 4113 MXM NPT BR NR 23.0 (10.5) CP32016HABA 2" x 15' HEW 4113 MXM NPT BR NR 24.0 (10.9) CP320240HABA 2" x 20' HEW 4113 MXM NPT BR NR 26.0 (11.8) CP320240HABA 2" x 40' HEW 4113 MXM NPT BR NR 49.0 (22.3) CP32040HABA 2" x 40' HEW 4113 MXM NPT BR NR 56.4 (25.6) CP32060HABA 2" x 50' HEW 4113 MXM NPT BR NR 68.0 (30.9) CP320600HABA 2" x 50' HEW 4113 MXM NPT BR NR 68.0 (30.9) CP320600HABA 2" x 50' HEW 4113 MXM NPT BR NR 68.4 (21.1) CP320600HABA 2" x 57' HEW 4113 MXM NPT BR NR 68.0 (30.9) <td>CP240420HABA</td> <td>11/2" x 35' HEW 4113</td> <td>MXM NPT BR NR</td> <td>36.0 (16.4)</td>	CP240420HABA	11/2" x 35' HEW 4113	MXM NPT BR NR	36.0 (16.4)
CP241368HABA 1 ¹ /z" x 114' HEW 4113 MXM NPT BR NR 98.0 (44.5) CP241800HABA 1 ¹ /z" x 150' HEW 4113 MXM NPT BR NR 129.0 (58.6) 2" HOSES CP320120HABA 2" x 10' HEW 4113 MXM NPT BR NR 129.0 (58.6) CP320134HABA 2" x 10' HEW 4113 MXM NPT BR NR 13.4 (6.1) CP320134HABA CP320130HABA 2" x 12' HEW 4113 MXM NPT BR NR 13.4 (6.1) CP32017HABA 2" x 15' HEW 4113 MXM NPT BR NR 23.0 (10.5) CP320197HABA 2" x 16' 5" HEW 4113 MXM NPT BR NR 24.0 (10.9) CP320216HABA 2" x 18' HEW 4113 MXM NPT BR NR 24.0 (10.9) CP320240HABA 2" x 20' HEW 4113 MXM NPT BR NR 29.0 (13.2) CP320420HABA 2" x 40' HEW 4113 MXM NPT BR NR 29.0 (22.3) CP320420HABA 2" x 50' HEW 4113 MXM NPT BR NR 56.4 (25.6) CP32040HABA 2" x 50' HEW 4113 MXM NPT BR NR 68.0 (30.9) CP320600HBA 2" x 50' HEW 4113 MXM NPT BR NR 68.0 (30.9) CP320600HBA 2" x 50' HEW 4113 MXM NPT BR NR 68.4 (31.1) CP320792HABA 2" x 66' HEW 4113 MXM NPT BR NR 89.0 (40.5) CP320792HABA 2" x 75' HEW 4113 MXM	CP240684HABA	11/2" x 57' HEW 4113	MXM NPT BR NR	49.0 (22.3)
CP241800HABA 1½" x 150' HEW 4113 MXM NPT BR NR 129.0 (58.6) 2" HOSES CP320120HABA 2" x 10' HEW 4113 MXM NPT BR NR 16.0 (7.3) CP320134HABA 2" x 11.17' HEW 4113 MXM NPT BR NR 16.0 (7.3) CP320134HABA 2" x 12' HEW 4113 MXM NPT BR NR 19.0 (8.6) CP320180HABA 2" x 15' HEW 4113 MXM NPT BR NR 23.0 (10.5) CP320197HABA 2" x 16' 5" HEW 4113 MXM NPT BR NR 24.0 (10.9) CP320216HABA 2" x 18' HEW 4113 MXM NPT BR NR 26.0 (11.8) CP320240HABA 2" x 18' HEW 4113 MXM NPT BR NR 29.0 (3.2) CP32040HABA 2" x 40' HEW 4113 MXM NPT BR NR 29.0 (13.2) CP320400HABA 2" x 40' HEW 4113 MXM NPT BR NR 56.0 (25.0) CP320600HBA 2" x 50' HEW 4113 MXM NPT BR NR 56.4 (25.6) CP320600HBA 2" x 50' HEW 4113 MXM NPT BR NR 68.0 (30.9) CP320600HBA 2" x 50' HEW 4113 MXM NPT BR NR 68.4 (31.1) CP320792HABA 2" x 66' HEW 4113 MXM NPT BR NR 89.0 (40.5) CP320900HABA 2" x 66' HEW 4113 MXM NPT BR NR 89.0 (40.5) CP400096HABA 2 ¹ /2" x 8' HEW 4113 MXM NPT BR NR 20.0 (9.	CP240780HABA	11/2" x 65' HEW 4113	MXM NPT BR NR	66.0 (30.0)
2" HOSES CP320120HABA 2" x 10' HEW 4113 MXM NPT BR NR 16.0 (7.3) CP320134HABA 2" x 11.17' HEW 4113 MXM NPT BR NR 13.4 (6.1) CP32014HABA 2" x 12' HEW 4113 MXM NPT BR NR 19.0 (8.6) CP32014HABA 2" x 12' HEW 4113 MXM NPT BR NR 19.0 (8.6) CP320197HABA 2" x 15' HEW 4113 MXM NPT BR NR 23.0 (10.5) CP32016HABA 2" x 16' 5" HEW 4113 MXM NPT BR NR 24.0 (10.9) CP320216HABA 2" x 13' HEW 4113 MXM NPT BR NR 29.0 (13.2) CP320420HABA 2" x 35' HEW 4113 MXM NPT BR NR 29.0 (22.3) CP320420HABA 2" x 40' HEW 4113 MXM NPT BR NR 56.4 (25.6) CP320600HBBA 2" x 50' HEW 4113 MXM NPT BR NR 56.4 (25.6) CP320600HBBA 2" x 50' HEW 4113 MXM NPT BR NR 68.0 (30.9) CP320600HBBA 2" x 50' HEW 4113 MXM NPT BR NR 68.0 (30.9) CP320720HABA 2" x 50' HEW 4113 MXM NPT BR NR 81.0 (36.8) CP320792HABA 2" x 50' HEW 4113 MXM NPT BR NR 81.0 (36.8) CP400096HABA 2 ¹ /2" x 8' HEW 4113 MXM NPT BR NR 20.0 (9.1) CP400108HBA 2 ¹ /2" x 10' HEW 4113 MXM NPT BR NR	CP241368HABA	11/2" x 114' HEW 411	3 MXM NPT BR NR	98.0 (44.5)
CP320120HABA 2" x 10' HEW 4113 MXM NPT BR NR 16.0 (7.3) CP320134HABA 2" x 11.17' HEW 4113 MXM NPT BR NR 13.4 (6.1) CP320144HABA 2" x 12' HEW 4113 MXM NPT BR NR 13.4 (6.1) CP320180HABA 2" x 12' HEW 4113 MXM NPT BR NR 19.0 (8.6) CP320197HABA 2" x 15' HEW 4113 MXM NPT BR NR 23.0 (10.5) CP320197HABA 2" x 16' 5" HEW 4113 MXM NPT BR NR 24.0 (10.9) CP320216HABA 2" x 13' HEW 4113 MXM NPT BR NR 26.0 (11.8) CP320240HABA 2" x 35' HEW 4113 MXM NPT BR NR 29.0 (13.2) CP32040HABA 2" x 40' HEW 4113 MXM NPT BR NR 49.0 (22.3) CP32040HABA 2" x 40' HEW 4113 MXM NPT BR NR 56.0 (25.0) CP320600HABA 2" x 40' HEW 4113 MXM NPT BR NR 68.0 (30.9) CP320600HABA 2" x 50' HEW 4113 MXM NPT BR NR 68.4 (31.1) CP320600HABA 2" x 50' HEW 4113 MXM NPT BR NR 68.4 (31.1) CP320600HABA 2" x 50' HEW 4113 MXM NPT BR NR 68.4 (31.2) CP320600HABA 2" x 50' HEW 4113 MXM NPT BR NR 89.0 (40.5) CP320600HABA 2" x 50' HEW 4113 MXM NPT BR NR 89.0 (40.5)	CP241800HABA	11/2" x 150' HEW 411	3 MXM NPT BR NR	129.0 (58.6)
CP320134HABA 2" x 11.17' HEW 4113 MXM NPT BR NR 13.4 (6.1) CP320134HABA 2" x 12' HEW 4113 MXM NPT BR NR 19.0 (8.6) CP320144HABA 2" x 15' HEW 4113 MXM NPT BR NR 23.0 (10.5) CP320197HABA 2" x 16' 5" HEW 4113 MXM NPT BR NR 24.0 (10.9) CP320216HABA 2" x 16' 5" HEW 4113 MXM NPT BR NR 24.0 (10.9) CP320240HABA 2" x 20' HEW 4113 MXM NPT BR NR 29.0 (13.2) CP320420HABA 2" x 35' HEW 4113 MXM NPT BR NR 29.0 (22.3) CP32040HABA 2" x 40' HEW 4113 MXM NPT BR NR 55.0 (25.0) CP320600HABA 2" x 40' HEW 4113 MXM NPT BR NR 56.4 (25.6) CP320600HABA 2" x 50' HEW 4113 MXM NPT BR NR 68.0 (30.9) CP320600HBBA 2" x 50' HEW 4113 MXM NPT BR NR 68.0 (30.9) CP320600HBBA 2" x 60' HEW 4113 MXM NPT BR NR 81.0 (36.8) CP320720HABA 2" x 60' HEW 4113 MXM NPT BR NR 81.0 (36.8) CP320792HABA 2" x 60' HEW 4113 MXM NPT BR NR 81.0 (36.6) CP400096HABA 2 ¹ /2" x 8' HEW 4113 MXM NPT BR NR 20.0 (9.1) CP400108HABA 2 ¹ /2" x 10' HEW 4113 MXM NPT BR NR 20.0 (9.1)	2" HOSES			
CP320144HABA2" x 12' HEW 4113 MXM NPT BR NR19.0 (8.6)CP320180HABA2" x 15' HEW 4113 MXM NPT BR NR23.0 (10.5)CP320197HABA2" x 16' 5" HEW 4113 MXM NPT BR NR24.0 (10.9)CP320216HABA2" x 18' HEW 4113 MXM NPT BR NR26.0 (11.8)CP320240HABA2" x 20' HEW 4113 MXM NPT BR NR29.0 (13.2)CP320420HABA2" x 35' HEW 4113 MXM NPT BR NR49.0 (22.3)CP320420HABA2" x 40' HEW 4113 MXM NPT BR NR55.0 (25.0)CP32060HABA2" x 50' HEW 4113 MXM NPT BR NR56.4 (25.6)CP320600HABA2" x 50' HEW 4113 MXM NPT BR NR68.0 (30.9)CP320600HBA2" x 50' HEW 4113 MXM NPT BR NR68.0 (30.9)CP320600HBA2" x 57' HEW 4113 MXM NPT BR NR68.4 (31.1)CP32070HABA2" x 66' HEW 4113 MXM NPT BR NR81.0 (36.8)CP32070HABA2" x 66' HEW 4113 MXM NPT BR NR89.0 (40.5)CP320900HABA2" x 75' HEW 4113 MXM NPT BR NR101.0 (45.9)21/2" HOSES21/2" K 8' HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HBA21/2" x 10' HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA21/2" x 10' HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA21/2" x 12' HEW 4113 MXM NPT BR NR32.0 (14.5)CP400192HABA21/2" x 13' HEW 4113 MXM NPT BR NR32.0 (14.5)CP400192HABA21/2" x 10' HEW 4113 MXM NPT BR NR32.0 (14.5)CP400192HABA21/2" x 10' HEW 4113 MXM NPT BR NR32.0 (14.5)CP400192HABA21/2" x 10' HEW 4113 MXM NPT BR NR32.0 (14.5)CP400192HABA21/2" x 1	CP320120HABA	2" x 10' HEW 4113 M	IXM NPT BR NR	16.0 (7.3)
CP320180HABA $2" \times 15'$ HEW 4113 MXM NPT BR NR23.0 (10.5)CP320197HABA $2" \times 16' 5"$ HEW 4113 MXM NPT BR NR24.0 (10.9)CP320216HABA $2" \times 18'$ HEW 4113 MXM NPT BR NR26.0 (11.8)CP320240HABA $2" \times 20'$ HEW 4113 MXM NPT BR NR29.0 (13.2)CP320420HABA $2" \times 35'$ HEW 4113 MXM NPT BR NR29.0 (13.2)CP320420HABA $2" \times 35'$ HEW 4113 MXM NPT BR NR49.0 (22.3)CP320460HABA $2" \times 40'$ HEW 4113 MXM NPT BR NR55.0 (25.0)CP320600HABA $2" \times 50'$ HEW 4113 MXM NPT BR NR56.4 (25.6)CP320600HBA $2" \times 50'$ HEW 4113 MXM NPT BR NR68.0 (30.9)CP320600HBA $2" \times 50'$ HEW 4113 MXM NPT BR NR68.4 (31.1)CP320720HABA $2" \times 50'$ HEW 4113 MXM NPT BR NR68.4 (31.1)CP320720HABA $2" \times 50'$ HEW 4113 MXM NPT BR NR81.0 (36.8)CP320720HABA $2" \times 50'$ HEW 4113 MXM NPT BR NR89.0 (40.5)CP320900HABA $2" \times 75'$ HEW 4113 MXM NPT BR NR101.0 (45.9)21/z" HOSES21/z" X 0' HEW 4113 MXM NPT BR NR20.0 (9.1)CP400120HBA $2^{1/z"} \times 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HBA $2^{1/z"} \times 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA $2^{1/z"} \times 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA $2^{1/z"} \times 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA $2^{1/z"} \times 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA $2^{1/z"} \times 10'$ HEW 4113 MXM NPT BR NR23.0 (14.5)CP400120HABA $2^{1/z"} \times 10'$ HEW 4113 MXM NPT BR NR <td>CP320134HABA</td> <td>2" x 11.17' HEW 411</td> <td>3 MXM NPT BR NR</td> <td>13.4 (6.1)</td>	CP320134HABA	2" x 11.17' HEW 411	3 MXM NPT BR NR	13.4 (6.1)
CP320197HABA $2" \times 16' 5"$ HEW 4113 MXM NPT BR NR $24.0 (10.9)$ CP320216HABA $2" \times 18'$ HEW 4113 MXM NPT BR NR $26.0 (11.8)$ CP320240HABA $2" \times 20'$ HEW 4113 MXM NPT BR NR $29.0 (13.2)$ CP320420HABA $2" \times 35'$ HEW 4113 MXM NPT BR NR $29.0 (13.2)$ CP320420HABA $2" \times 35'$ HEW 4113 MXM NPT BR NR $49.0 (22.3)$ CP320564HABA $2" \times 40'$ HEW 4113 MXM NPT BR NR $55.0 (25.0)$ CP320600HABA $2" \times 50'$ HEW 4113 MXM NPT BR NR $56.4 (25.6)$ CP320600HABA $2" \times 50'$ HEW 4113 MXM NPT BR NR $68.0 (30.9)$ CP320600HBA $2" \times 50'$ HEW 4113 MXM NPT BR NR $68.4 (31.1)$ CP320600HABA $2" \times 57'$ HEW 4113 MXM NPT BR NR $68.4 (31.1)$ CP320720HABA $2" \times 57'$ HEW 4113 MXM NPT BR NR $81.0 (36.8)$ CP320792HABA $2" \times 56'$ HEW 4113 MXM NPT BR NR $89.0 (40.5)$ CP320900HABA $2" \times 75'$ HEW 4113 MXM NPT BR NR $19.0 (8.6)$ CP400096HABA $2^{1}/2" \times 8'$ HEW 4113 MXM NPT BR NR $19.0 (8.6)$ CP400120HBA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $22.0 (10.0)$ CP400120HBA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $22.0 (10.0)$ CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $22.0 (10.2)$ CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $22.0 (10.2)$ CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $22.0 (10.2)$ CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $22.0 (10.2)$ CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $22.0 (14.5)$ CP400120HA	CP320144HABA	2" x 12' HEW 4113 M	IXM NPT BR NR	19.0 (8.6)
CP320216HABA2" x 18' HEW 4113 MXM NPT BR NR26.0 (11.8)CP320240HABA2" x 20' HEW 4113 MXM NPT BR NR29.0 (13.2)CP320420HABA2" x 35' HEW 4113 MXM NPT BR NR29.0 (13.2)CP320420HABA2" x 40' HEW 4113 MXM NPT BR NR49.0 (22.3)CP320564HABA2" x 40' HEW 4113 MXM NPT BR NR55.0 (25.0)CP320600HABA2" x 50' HEW 4113 MXM NPT BR NR56.4 (25.6)CP320600HBA2" x 50' HEW 4113 MXM NPT BR NR68.0 (30.9)CP320600HBA2" x 50' HEW 4113 MXM NPT BR NR68.0 (30.9)CP32060HBA2" x 50' HEW 4113 MXM NPT BR NR68.4 (31.1)CP320720HABA2" x 60' HEW 4113 MXM NPT BR NR81.0 (36.8)CP320720HABA2" x 66' HEW 4113 MXM NPT BR NR89.0 (40.5)CP320900HABA2" x 75' HEW 4113 MXM NPT BR NR101.0 (45.9)21/2" HOSES22CP400096HABA2 ¹ /2" x 8' HEW 4113 MXM NPT BR NR101.0 (45.9)21/2" HOSES22CP400120HBA2 ¹ /2" x 10' HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA2 ¹ /2" x 10' HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA2 ¹ /2" x 10' HEW 4113 MXM NPT BR NR25.0 (11.4)CP400120HABA2 ¹ /2" x 13' HEW 4113 MXM NPT BR NR33.0 (15.0)CP400120HABA2 ¹ /2" x 16' FEW 4113 MXM NPT BR NR33.0 (15.0)CP400120HABA2 ¹ /2" x 16' S' HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA2 ¹ /2" x 16' S' HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA2 ¹ /2" x 16' FEW 4113 MXM NPT BR NR30.0 (33.2) <t< td=""><td>CP320180HABA</td><td>2" x 15' HEW 4113 M</td><td>IXM NPT BR NR</td><td>23.0 (10.5)</td></t<>	CP320180HABA	2" x 15' HEW 4113 M	IXM NPT BR NR	23.0 (10.5)
CP320240HABA $2" \times 20'$ HEW 4113 MXM NPT BR NR $29.0 (13.2)$ CP320420HABA $2" \times 35'$ HEW 4113 MXM NPT BR NR $49.0 (22.3)$ CP320480HABA $2" \times 40'$ HEW 4113 MXM NPT BR NR $55.0 (25.0)$ CP320564HABA $2" \times 47'$ HEW 4113 MXM NPT BR NR $56.4 (25.6)$ CP320600HABA $2" \times 50'$ HEW 4113 MXM NPT BR NR $68.0 (30.9)$ CP320600HBA $2" \times 50'$ HEW 4113 MXM NPT BR NR $68.0 (30.9)$ CP320600HBA $2" \times 57'$ HEW 4113 MXM NPT BR NR $68.4 (31.1)$ CP320720HABA $2" \times 57'$ HEW 4113 MXM NPT BR NR $81.0 (36.8)$ CP320720HABA $2" \times 66'$ HEW 4113 MXM NPT BR NR $89.0 (40.5)$ CP320900HABA $2" \times 75'$ HEW 4113 MXM NPT BR NR $101.0 (45.9)$ 21/2" HOSES $21/2" \times 75'$ HEW 4113 MXM NPT BR NR $19.0 (8.6)$ CP400096HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $20.0 (9.1)$ CP400120HBA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $22.0 (10.0)$ CP400120HBA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $22.0 (10.0)$ CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $22.0 (10.0)$ CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $22.0 (10.2)$ CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $22.0 (10.2)$ CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $22.0 (10.2)$ CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $22.0 (14.5)$ CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $23.0 (14.5)$ CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR $33.0 (15.0)$ <t< td=""><td>CP320197HABA</td><td>2" x 16' 5" HEW 411</td><td>3 MXM NPT BR NR</td><td>24.0 (10.9)</td></t<>	CP320197HABA	2" x 16' 5" HEW 411	3 MXM NPT BR NR	24.0 (10.9)
CP320420HABA2" x 35' HEW 4113 MXM NPT BR NR49.0 (22.3)CP320480HABA2" x 40' HEW 4113 MXM NPT BR NR55.0 (25.0)CP320564HABA2" x 47' HEW 4113 MXM NPT BR NR55.4 (25.6)CP320600HABA2" x 50' HEW 4113 MXM NPT BR NR68.0 (30.9)CP320600HBBA2" x 50' HEW 4113 MXM NPT BR NR68.0 (30.9)CP320600HBBA2" x 57' HEW 4113 MXM NPT BR NR68.4 (31.1)CP320720HABA2" x 57' HEW 4113 MXM NPT BR NR68.4 (31.1)CP320720HABA2" x 66' HEW 4113 MXM NPT BR NR89.0 (40.5)CP320900HABA2" x 75' HEW 4113 MXM NPT BR NR89.0 (40.5)CP320900HABA2" x 75' HEW 4113 MXM NPT BR NR101.0 (45.9)21/2" HOSES21/2" x 8' HEW 4113 MXM NPT BR NR101.0 (9.1)CP400108HABA2 ¹ /2" x 10' HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HBBA2 ¹ /2" x 10' HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA2 ¹ /2" x 10' HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA2 ¹ /2" x 10' HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA2 ¹ /2" x 10' HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA2 ¹ /2" x 10' HEW 4113 MXM NPT BR NR23.0 (14.5)CP400192HABA2 ¹ /2" x 10' HEW 4113 MXM NPT BR NR33.0 (15.0)CP400192HABA2 ¹ /2" x 5' HEW 4113 MXM NPT BR NR33.0 (15.0)CP400480HABA2 ¹ /2" x 5' HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HBA2 ¹ /2" x 5' HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HBA2 ¹ /2" x 5' HEW 4113 MXM NPT BR NR90.0 (40.9) <t< td=""><td>CP320216HABA</td><td>2" x 18' HEW 4113 M</td><td>IXM NPT BR NR</td><td>26.0 (11.8)</td></t<>	CP320216HABA	2" x 18' HEW 4113 M	IXM NPT BR NR	26.0 (11.8)
CP320480HABA2" x 40' HEW 4113 MXM NPT BR NR55.0 (25.0)CP320564HABA2" x 47' HEW 4113 MXM NPT BR NR55.0 (25.0)CP320600HABA2" x 50' HEW 4113 MXM NPT BR NR68.0 (30.9)CP320600HBBA2" x 50' HEW 4113 MXM NPT BR NR68.0 (30.9)CP320600HBBA2" x 50' HEW 4113 MXM NPT BR NR68.0 (30.9)CP320604HBAA2" x 57' HEW 4113 MXM NPT BR NR68.4 (31.1)CP320720HABA2" x 60' HEW 4113 MXM NPT BR NR81.0 (36.8)CP320900HABA2" x 66' HEW 4113 MXM NPT BR NR89.0 (40.5)CP320900HABA2" x 75' HEW 4113 MXM NPT BR NR101.0 (45.9)21/2" HOSES21/2" x 8' HEW 4113 MXM NPT BR NR101.0 (9.1)CP40010BHABA21/2" x 10' HEW 4113 MXM NPT BR NR20.0 (9.1)CP400120HBBA21/2" x 10' HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA21/2" x 10' HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA21/2" x 10' HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA21/2" x 10' HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA21/2" x 10' HEW 4113 MXM NPT BR NR23.0 (14.5)CP400192HABA21/2" x 16' 5" HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA21/2" x 35' HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA21/2" x 5' HEW 4113 MXM NPT BR NR73.0 (33.2)CP400600HBA21/2" x 5' HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA21/2" x 5' HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA21/2" x 5' HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA </td <td>CP320240HABA</td> <td>2" x 20' HEW 4113 M</td> <td>IXM NPT BR NR</td> <td>29.0 (13.2)</td>	CP320240HABA	2" x 20' HEW 4113 M	IXM NPT BR NR	29.0 (13.2)
CP320564HABA $2" \times 47'$ HEW 4113 MXM NPT BR NR56.4 (25.6)CP320600HABA $2" \times 50'$ HEW 4113 MXM NPT BR NR68.0 (30.9)CP320600HBBA $2" \times 50'$ HEW 4113 MXF NPT BR NR68.0 (30.9)CP320684HABA $2" \times 57'$ HEW 4113 MXF NPT BR NR68.4 (31.1)CP320720HABA $2" \times 57'$ HEW 4113 MXM NPT BR NR68.4 (31.1)CP320720HABA $2" \times 66'$ HEW 4113 MXM NPT BR NR81.0 (36.8)CP320792HABA $2" \times 66'$ HEW 4113 MXM NPT BR NR89.0 (40.5)CP320900HABA $2" \times 75'$ HEW 4113 MXM NPT BR NR101.0 (45.9)21/2" HOSESCP400096HABA $2^{1}/2" \times 8'$ HEW 4113 MXM NPT BR NR101.0 (9.1)CP400108HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR20.0 (9.1)CP400120HBBA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR25.0 (11.4)CP400156HABA $2^{1}/2" \times 13'$ HEW 4113 MXM NPT BR NR25.0 (11.4)CP400192HABA $2^{1}/2" \times 16'$ FHEW 4113 MXM NPT BR NR32.0 (14.5)CP400192HABA $2^{1}/2" \times 35'$ HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/2" \times 35'$ HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/2" \times 5'$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HBA $2^{1}/2" \times 5'$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HBA $2^{1}/2" \times 5'$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/2" \times 5'$ HEW 4113 MXM NPT BR NR90.0 (4	CP320420HABA	2" x 35' HEW 4113 M	IXM NPT BR NR	49.0 (22.3)
CP320600HABA $2" \times 50'$ HEW 4113 MXM NPT BR NR 68.0 (30.9) CP320600HBBA $2" \times 50'$ HEW 4113 MXM NPT BR NR 68.0 (30.9) CP32060HBBA $2" \times 50'$ HEW 4113 MXM NPT BR NR 68.0 (30.9) CP32068HABA $2" \times 57'$ HEW 4113 MXM NPT BR NR 68.4 (31.1) CP320720HABA $2" \times 60'$ HEW 4113 MXM NPT BR NR 68.4 (31.1) CP320720HABA $2" \times 66'$ HEW 4113 MXM NPT BR NR 81.0 (36.8) CP320900HABA $2" \times 75'$ HEW 4113 MXM NPT BR NR 89.0 (40.5) CP320900HABA $2" \times 75'$ HEW 4113 MXM NPT BR NR 101.0 (45.9) 2 ¹ /2" HOSES CP400096HABA $2^{1}/2" \times 8'$ HEW 4113 MXM NPT BR NR 20.0 (9.1) CP400120HBBA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR 22.0 (10.0) CP400120HBBA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR 22.0 (10.0) CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR 22.0 (10.0) CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR 22.0 (10.0) CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR 22.0 (10.0) CP400120HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR 23.0 (14.5) CP400192HABA $2^{1}/2" \times 10'$ HEW 4113 MXM NPT BR NR 33.0 (15.0)	CP320480HABA	2" x 40' HEW 4113 M	IXM NPT BR NR	55.0 (25.0)
$\begin{array}{c} \mbox{CP320600HBBA} & 2'' x 50' \mbox{HEW 4113 MXF NPT BR NR} & 68.0 (30.9) \\ \mbox{CP320684HABA} & 2'' x 57' \mbox{HEW 4113 MXM NPT BR NR} & 68.4 (31.1) \\ \mbox{CP320720HABA} & 2'' x 60' \mbox{HEW 4113 MXM NPT BR NR} & 81.0 (36.8) \\ \mbox{CP320792HABA} & 2'' x 66' \mbox{HEW 4113 MXM NPT BR NR} & 81.0 (36.8) \\ \mbox{CP320792HABA} & 2'' x 75' \mbox{HEW 4113 MXM NPT BR NR} & 101.0 (45.9) \\ \mbox{21/2"} \mbox{HOSES} & \\ \mbox{CP400096HABA} & 2^{1/2"} x 8' \mbox{HEW 4113 MXM NPT BR NR} & 101.0 (45.9) \\ \mbox{21/2"} \mbox{HOSES} & \\ \mbox{CP400108HABA} & 2^{1/2"} x 10' \mbox{HEW 4113 MXM NPT BR NR} & 20.0 (9.1) \\ \mbox{CP400120HBBA} & 2^{1/2"} x 10' \mbox{HEW 4113 MXM NPT BR NR} & 22.0 (10.0) \\ \mbox{CP400120HABA} & 2^{1/2"} x 10' \mbox{HEW 4113 MXM NPT BR NR} & 22.0 (10.0) \\ \mbox{CP400120HABA} & 2^{1/2"} x 10' \mbox{HEW 4113 MXM NPT BR NR} & 22.0 (10.0) \\ \mbox{CP400120HABA} & 2^{1/2"} x 10' \mbox{HEW 4113 MXM NPT BR NR} & 22.0 (10.0) \\ \mbox{CP400156HABA} & 2^{1/2"} x 13' \mbox{HEW 4113 MXM NPT BR NR} & 25.0 (11.4) \\ \mbox{CP400192HABA} & 2^{1/2"} x 16' \mbox{HEW 4113 MXM NPT BR NR} & 32.0 (14.5) \\ \mbox{CP400192HABA} & 2^{1/2"} x 35' \mbox{HEW 4113 MXM NPT BR NR} & 33.0 (15.0) \\ \mbox{CP400420HABA} & 2^{1/2"} x 35' \mbox{HEW 4113 MXM NPT BR NR} & 33.0 (15.0) \\ \mbox{CP400600HBBA} & 2^{1/2"} x 5' \mbox{HEW 4113 MXM NPT BR NR} & 90.0 (40.9) \\ \mbox{CP400600HBA} & 2^{1/2"} x 5' \mbox{HEW 4113 MXM NPT BR NR} & 90.0 (40.9) \\ \mbox{CP400600HABA} & 2^{1/2"} x 5' \mbox{HEW 4113 MXM NPT BR NR} & 90.0 (40.9) \\ \mbox{CP400600HABA} & 2^{1/2"} x 5' \mbox{HEW 4113 MXM NPT BR NR} & 90.0 (40.9) \\ \mbox{CP400600HABA} & 2^{1/2"} x 5' \mbox{HEW 4113 MXM NPT BR NR} & 90.0 (40.9) \\ \mbox{CP400600HABA} & 2^{1/2"} x 5' \mbox{HEW 4113 MXM NPT BR NR} & 90.0 (40.9) \\ \mbox{CP400600HABA} & 2^{1/2"} x 5' \mbox{HEW 4113 MXM NPT BR NR} & 90.0 (40.9) \\ \mbox{CP400600HABA} & 2^{1/2"} x 5' \mbox{HEW 4113 MXM NPT BR NR} & 90.0 (40.9) \\ \mbox{CP400600HABA} & 2^{1/2"} x 5' \mbox{HEW 4113 MXM NPT BR NR} & 90.0 (40.9) \\ \mbox{CP400600HABA} & $	CP320564HABA	2" x 47' HEW 4113 M	IXM NPT BR NR	56.4 (25.6)
CP320684HABA2" x 57' HEW 4113 MXM NPT BR NR68.4 (31.1)CP320684HABA2" x 60' HEW 4113 MXM NPT BR NR68.4 (31.1)CP320720HABA2" x 66' HEW 4113 MXM NPT BR NR81.0 (36.8)CP320792HABA2" x 75' HEW 4113 MXM NPT BR NR89.0 (40.5)CP320900HABA2" x 75' HEW 4113 MXM NPT BR NR101.0 (45.9)2'/2" HOSES2'/2" K 8' HEW 4113 MXM NPT BR NR101.0 (45.9)CP400108HABA $2^{1}/2" x 9'$ HEW 4113 MXM NPT BR NR20.0 (9.1)CP400120HBBA $2^{1}/2" x 10'$ HEW 4113 MXM NPT BR NR20.0 (9.1)CP400120HABA $2^{1}/2" x 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA $2^{1}/2" x 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA $2^{1}/2" x 10'$ HEW 4113 MXM NPT BR NR25.0 (11.4)CP400156HABA $2^{1}/2" x 13'$ HEW 4113 MXM NPT BR NR27.0 (12.3)CP400192HABA $2^{1}/2" x 16'$ FHEW 4113 MXM NPT BR NR33.0 (15.0)CP400192HABA $2^{1}/2" x 35'$ HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/2" x 35'$ HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/2" x 5'$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HBA $2^{1}/2" x 5'$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/2" x 5'$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/2" x 5'$ HEW 4113 MXM NPT BR NR98.0 (44.5)CP400600HABA $2^{1}/2" x 5'$ HEW 4113 MXM NPT BR NR98.0 (44.5)CP400720HABA $2^{1}/2" x 5'$ HEW 4113 MXM NPT BR NR106.0 (48.2)CP400084HABA $2^$	CP320600HABA	2" x 50' HEW 4113 M	IXM NPT BR NR	68.0 (30.9)
CP320720HABA2" x 60' HEW 4113 MXM NPT BR NR81.0 (36.8)CP320720HABA2" x 66' HEW 4113 MXM NPT BR NR81.0 (36.8)CP320792HABA2" x 75' HEW 4113 MXM NPT BR NR101.0 (45.9)21/2" HOSES21/2" x 8' HEW 4113 MXM NPT BR NR101.0 (45.9)CP400096HABA21/2" x 9' HEW 4113 MXM NPT BR NR101.0 (45.9)CP400108HABA21/2" x 9' HEW 4113 MXM NPT BR NR20.0 (9.1)CP400120HBBA21/2" x 10' HEW 4113 MXM NPT BR NR20.0 (9.1)CP400120HABA21/2" x 10' HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA21/2" x 10' HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA21/2" x 12' HEW 4113 MXM NPT BR NR22.0 (12.3)CP400156HABA21/2" x 13' HEW 4113 MXM NPT BR NR25.0 (11.4)CP400192HABA21/2" x 16' F HEW 4113 MXM NPT BR NR33.0 (15.0)CP400197HABA21/2" x 35' HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA21/2" x 50' HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA21/2" x 50' HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HBBA21/2" x 50' HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA21/2" x 50' HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA21/2" x 50' HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA21/2" x 50' HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA21/2" x 50' HEW 4113 MXM NPT BR NR98.0 (44.5)CP400720HABA21/2" x 50' HEW 4113 MXM NPT BR NR98.0 (44.5)CP400084HABA21/2" x 50' HEW 4113 MXM NPT BR NR106.0 (48.2)	CP320600HBBA	2" x 50' HEW 4113 M	IXF NPT BR NR	68.0 (30.9)
$\begin{array}{c} \hline CP320792HABA & 2'' x 66' HEW 4113 MXM NPT BR NR & 89.0 (40.5) \\ \hline CP320900HABA & 2'' x 75' HEW 4113 MXM NPT BR NR & 101.0 (45.9) \\ \hline 2'1/2'' HOSES & & & & & & & & & & & & & & & & & & $	CP320684HABA	2" x 57' HEW 4113 M	IXM NPT BR NR	68.4 (31.1)
CP320900HABA $2" \times 75'$ HEW 4113 MXM NPT BR NR101.0 (45.9) $2^{1}/_{2}"$ HOSESCP400096HABA $2^{1}/_{2}" \times 8'$ HEW 4113 MXM NPT BR NR101.0 (45.9)CP400108HABA $2^{1}/_{2}" \times 8'$ HEW 4113 MXM NPT BR NR19.0 (8.6)CP400108HABA $2^{1}/_{2}" \times 9'$ HEW 4113 MXM NPT BR NR20.0 (9.1)CP400120HBBA $2^{1}/_{2}" \times 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA $2^{1}/_{2}" \times 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA $2^{1}/_{2}" \times 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA $2^{1}/_{2}" \times 12'$ HEW 4113 MXM NPT BR NR22.0 (12.3)CP400156HABA $2^{1}/_{2}" \times 13'$ HEW 4113 MXM NPT BR NR27.0 (12.3)CP400192HABA $2^{1}/_{2}" \times 16'$ HEW 4113 MXM NPT BR NR33.0 (15.0)CP4001420HABA $2^{1}/_{2}" \times 5'$ HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/_{2}" \times 5'$ HEW 4113 MXM NPT BR NR64.0 (29.1)CP400480HABA $2^{1}/_{2}" \times 5'$ HEW 4113 MXM NPT BR NR73.0 (33.2)CP400600HBBA $2^{1}/_{2}" \times 5'$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/_{2}" \times 5'$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/_{2}" \times 5'$ HEW 4113 MXM NPT BR NR98.0 (44.5)CP400720HABA $2^{1}/_{2}" \times 5'$ HEW 4113 MXM NPT BR NR106.0 (48.2)CP400084HABA $2^{1}/_{2}" \times 7'$ HEW 4113 MXM NPT BR NR106.0 (48.2)CP400084HABA $2^{1}/_{2}" \times 7'$ HEW 4113 MXM NPT BR NR106.0 (7.7)	CP320720HABA	2" x 60' HEW 4113 M	IXM NPT BR NR	81.0 (36.8)
$2^{1}/_{2''}$ HOSESCP400096HABA $2^{1}/_{2''} \times 8'$ HEW 4113 MXM NPT BR NR19.0 (8.6)CP400108HABA $2^{1}/_{2''} \times 9'$ HEW 4113 MXM NPT BR NR20.0 (9.1)CP400120HBBA $2^{1}/_{2''} \times 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA $2^{1}/_{2''} \times 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA $2^{1}/_{2''} \times 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA $2^{1}/_{2''} \times 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400136HABA $2^{1}/_{2''} \times 12'$ HEW 4113 MXM NPT BR NR25.0 (11.4)CP400192HABA $2^{1}/_{2''} \times 13'$ HEW 4113 MXM NPT BR NR27.0 (12.3)CP400192HABA $2^{1}/_{2''} \times 16'$ FIEW 4113 MXM NPT BR NR33.0 (15.0)CP400192HABA $2^{1}/_{2''} \times 16'$ FIEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/_{2''} \times 35'$ HEW 4113 MXM NPT BR NR64.0 (29.1)CP400480HABA $2^{1}/_{2''} \times 5'$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HBBA $2^{1}/_{2''} \times 5'$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/_{2''} \times 5'$ HEW 4113 MXM NPT BR NR98.0 (44.5)CP400600HABA $2^{1}/_{2''} \times 5'$ HEW 4113 MXM NPT BR NR98.0 (44.5)CP400720HABA $2^{1}/_{2''} \times 7'$ HEW 4113 MXM NPT BR NR106.0 (48.2)CP400084HABA $2^{1}/_{2''} \times 7'$ HEW 4113 MXM NPT BR NR17.0 (7.7)	CP320792HABA	2" x 66' HEW 4113 M	IXM NPT BR NR	89.0 (40.5)
$\begin{array}{c} \hline CP400096HABA & 2^{1}/2" \times 8' HEW 4113 MXM NPT BR NR & 19.0 (8.6) \\ \hline CP400108HABA & 2^{1}/2" \times 9' HEW 4113 MXM NPT BR NR & 20.0 (9.1) \\ \hline CP400120HBBA & 2^{1}/2" \times 10' HEW 4113 MXM NPT BR NR & 22.0 (10.0) \\ \hline CP400120HABA & 2^{1}/2" \times 10' HEW 4113 MXM NPT BR NR & 22.0 (10.0) \\ \hline CP400120HABA & 2^{1}/2" \times 10' HEW 4113 MXM NPT BR NR & 22.0 (10.0) \\ \hline CP400144HABA & 2^{1}/2" \times 12' HEW 4113 MXM NPT BR NR & 25.0 (11.4) \\ \hline CP400156HABA & 2^{1}/2" \times 13' HEW 4113 MXM NPT BR NR & 27.0 (12.3) \\ \hline CP400192HABA & 2^{1}/2" \times 16' HEW 4113 MXM NPT BR NR & 32.0 (14.5) \\ \hline CP400197HABA & 2^{1}/2" \times 16' 5" HEW 4113 MXM NPT BR NR & 33.0 (15.0) \\ \hline CP400420HABA & 2^{1}/2" \times 35' HEW 4113 MXM NPT BR NR & 64.0 (29.1) \\ \hline CP400480HABA & 2^{1}/2" \times 50' HEW 4113 MXM NPT BR NR & 73.0 (33.2) \\ \hline CP400600HBBA & 2^{1}/2" \times 50' HEW 4113 MXM NPT BR NR & 90.0 (40.9) \\ \hline CP400600HABA & 2^{1}/2" \times 55' HEW 4113 MXM NPT BR NR & 98.0 (44.5) \\ \hline CP400720HABA & 2^{1}/2" \times 7' HEW 4113 MXM NPT BR NR & 106.0 (48.2) \\ \hline CP400084HABA & 2^{1}/2" \times 7' HEW 4113 MXM NPT BR NR & 17.0 (7.7) \\ \hline \end{array}$	CP320900HABA	2" x 75' HEW 4113 M	IXM NPT BR NR	101.0 (45.9)
CP400108HABA $2^{1}/2^{x} \times 9^{r}$ HEW 4113 MXM NPT BR NR20.0 (9.1)CP400120HBBA $2^{1}/2^{x} \times 10^{r}$ HEW 4113 MXF NPT BR NR22.0 (10.0)CP400120HABA $2^{1}/2^{x} \times 10^{r}$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA $2^{1}/2^{x} \times 10^{r}$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400156HABA $2^{1}/2^{x} \times 12^{r}$ HEW 4113 MXM NPT BR NR25.0 (11.4)CP400156HABA $2^{1}/2^{x} \times 13^{r}$ HEW 4113 MXM NPT BR NR25.0 (11.4)CP400192HABA $2^{1}/2^{x} \times 13^{r}$ HEW 4113 MXM NPT BR NR32.0 (14.5)CP400197HABA $2^{1}/2^{x} \times 16^{r}$ HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/2^{x} \times 35^{r}$ HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/2^{x} \times 35^{r}$ HEW 4113 MXM NPT BR NR64.0 (29.1)CP400480HABA $2^{1}/2^{x} \times 50^{r}$ HEW 4113 MXM NPT BR NR73.0 (33.2)CP400600HBBA $2^{1}/2^{x} \times 50^{r}$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/2^{x} \times 55^{r}$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/2^{x} \times 55^{r}$ HEW 4113 MXM NPT BR NR98.0 (44.5)CP400720HABA $2^{1}/2^{x} \times 50^{r}$ HEW 4113 MXM NPT BR NR98.0 (44.5)CP400084HABA $2^{1}/2^{x} \times 7^{r}$ HEW 4113 MXM NPT BR NR106.0 (48.2)CP400084HABA $2^{1}/2^{x} \times 7^{r}$ HEW 4113 MXM NPT BR NR17.0 (7.7)	21/2" HOSES			
CP400120HBBA $2^{1}/2'' \times 10'$ HEW 4113 MXF NPT BR NR22.0 (10.0)CP400120HABA $2^{1}/2'' \times 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400120HABA $2^{1}/2'' \times 12'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400156HABA $2^{1}/2'' \times 12'$ HEW 4113 MXM NPT BR NR25.0 (11.4)CP400192HABA $2^{1}/2'' \times 13'$ HEW 4113 MXM NPT BR NR27.0 (12.3)CP400192HABA $2^{1}/2'' \times 16'$ FEW 4113 MXM NPT BR NR32.0 (14.5)CP400197HABA $2^{1}/2'' \times 16'5''$ HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/2'' \times 35'$ HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/2'' \times 35'$ HEW 4113 MXM NPT BR NR73.0 (33.2)CP400600HBBA $2^{1}/2'' \times 50'$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/2'' \times 55'$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/2'' \times 55'$ HEW 4113 MXM NPT BR NR98.0 (44.5)CP400720HABA $2^{1}/2'' \times 50'$ HEW 4113 MXM NPT BR NR98.0 (44.5)CP400084HABA $2^{1}/2'' \times 7'$ HEW 4113 MXM NPT BR NR106.0 (48.2)CP400084HABA $2^{1}/2'' \times 7'$ HEW 4113 MXM NPT BR NR17.0 (7.7)	CP400096HABA	2 ¹ /2" x 8' HEW 4113 I	MXM NPT BR NR	19.0 (8.6)
CP400120HABA $2^{1}/2'' \times 10'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400144HABA $2^{1}/2'' \times 12'$ HEW 4113 MXM NPT BR NR22.0 (10.0)CP400156HABA $2^{1}/2'' \times 12'$ HEW 4113 MXM NPT BR NR25.0 (11.4)CP400192HABA $2^{1}/2'' \times 13'$ HEW 4113 MXM NPT BR NR27.0 (12.3)CP400192HABA $2^{1}/2'' \times 16'$ HEW 4113 MXM NPT BR NR32.0 (14.5)CP400197HABA $2^{1}/2'' \times 16'5''$ HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/2'' \times 35'$ HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/2'' \times 35'$ HEW 4113 MXM NPT BR NR73.0 (33.2)CP400600HBBA $2^{1}/2'' \times 50'$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/2'' \times 50'$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/2'' \times 55'$ HEW 4113 MXM NPT BR NR98.0 (44.5)CP400720HABA $2^{1}/2'' \times 5''$ HEW 4113 MXM NPT BR NR106.0 (48.2)CP400084HABA $2^{1}/2'' \times 7'$ HEW 4113 MXM NPT BR NR17.0 (7.7)	CP400108HABA	2 ¹ /2" x 9' HEW 4113 I	WXM NPT BR NR	20.0 (9.1)
CP400144HABA $2^{1}/2'' \times 12'$ HEW 4113 MXM NPT BR NR25.0 (11.4)CP400156HABA $2^{1}/2'' \times 13'$ HEW 4113 MXM NPT BR NR25.0 (12.3)CP400192HABA $2^{1}/2'' \times 13'$ HEW 4113 MXM NPT BR NR27.0 (12.3)CP400192HABA $2^{1}/2'' \times 16'$ HEW 4113 MXM NPT BR NR32.0 (14.5)CP400197HABA $2^{1}/2'' \times 16'5''$ HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/2'' \times 35'$ HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/2'' \times 35'$ HEW 4113 MXM NPT BR NR73.0 (33.2)CP400600HBBA $2^{1}/2'' \times 50'$ HEW 4113 MXF NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/2'' \times 50'$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/2'' \times 55'$ HEW 4113 MXM NPT BR NR98.0 (44.5)CP400720HABA $2^{1}/2'' \times 60'$ HEW 4113 MXM NPT BR NR106.0 (48.2)CP400084HABA $2^{1}/2'' \times 7'$ HEW 4113 MXM NPT BR NR17.0 (7.7)	CP400120HBBA	2 ¹ /2" x 10' HEW 4113	MXF NPT BR NR	22.0 (10.0)
CP400156HABA $2^{1}/2^{\prime\prime} \times 13^{\prime}$ HEW 4113 MXM NPT BR NR27.0 (12.3)CP400192HABA $2^{1}/2^{\prime\prime} \times 16^{\prime}$ HEW 4113 MXM NPT BR NR32.0 (14.5)CP400197HABA $2^{1}/2^{\prime\prime} \times 16^{\prime}$ 5° HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/2^{\prime\prime} \times 35^{\prime}$ HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/2^{\prime\prime} \times 35^{\prime}$ HEW 4113 MXM NPT BR NR64.0 (29.1)CP400480HABA $2^{1}/2^{\prime\prime} \times 40^{\prime}$ HEW 4113 MXM NPT BR NR73.0 (33.2)CP400600HBBA $2^{1}/2^{\prime\prime} \times 50^{\prime}$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/2^{\prime\prime} \times 55^{\prime}$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400660HABA $2^{1}/2^{\prime\prime} \times 55^{\prime}$ HEW 4113 MXM NPT BR NR98.0 (44.5)CP400720HABA $2^{1}/2^{\prime\prime} \times 60^{\prime}$ HEW 4113 MXM NPT BR NR106.0 (48.2)CP400084HABA $2^{1}/2^{\prime\prime} \times 7^{\prime}$ HEW 4113 MXM NPT BR NR17.0 (7.7)	CP400120HABA	2 ¹ /2" x 10' HEW 4113	MXM NPT BR NR	22.0 (10.0)
CP400192HABA $2^{1}/2^{\prime\prime} \times 16^{\prime}$ HEW 4113 MXM NPT BR NR32.0 (14.5)CP400197HABA $2^{1}/2^{\prime\prime} \times 16^{\prime}$ 5° HEW 4113 MXM NPT BR NR33.0 (15.0)CP400420HABA $2^{1}/2^{\prime\prime} \times 35^{\prime}$ HEW 4113 MXM NPT BR NR64.0 (29.1)CP400480HABA $2^{1}/2^{\prime\prime} \times 40^{\prime}$ HEW 4113 MXM NPT BR NR64.0 (29.1)CP400400HBBA $2^{1}/2^{\prime\prime} \times 40^{\prime}$ HEW 4113 MXM NPT BR NR73.0 (33.2)CP400600HBBA $2^{1}/2^{\prime\prime} \times 50^{\prime}$ HEW 4113 MXF NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/2^{\prime\prime} \times 50^{\prime}$ HEW 4113 MXM NPT BR NR90.0 (40.9)CP400600HABA $2^{1}/2^{\prime\prime} \times 55^{\prime}$ HEW 4113 MXM NPT BR NR98.0 (44.5)CP400720HABA $2^{1}/2^{\prime\prime} \times 60^{\prime}$ HEW 4113 MXM NPT BR NR106.0 (48.2)CP400084HABA $2^{1}/2^{\prime\prime} \times 7^{\prime}$ HEW 4113 MXM NPT BR NR17.0 (7.7)	CP400144HABA	2 ¹ /2" x 12' HEW 4113	MXM NPT BR NR	25.0 (11.4)
CP400197HABA 2 ¹ /2" x 16'5" HEW 4113 MXM NPT BR NR 33.0 (15.0) CP400420HABA 2 ¹ /2" x 35' HEW 4113 MXM NPT BR NR 33.0 (15.0) CP400420HABA 2 ¹ /2" x 35' HEW 4113 MXM NPT BR NR 64.0 (29.1) CP400480HABA 2 ¹ /2" x 40' HEW 4113 MXM NPT BR NR 73.0 (33.2) CP400600HBBA 2 ¹ /2" x 50' HEW 4113 MXF NPT BR NR 90.0 (40.9) CP400600HABA 2 ¹ /2" x 50' HEW 4113 MXM NPT BR NR 90.0 (40.9) CP400660HABA 2 ¹ /2" x 50' HEW 4113 MXM NPT BR NR 90.0 (44.5) CP400660HABA 2 ¹ /2" x 60' HEW 4113 MXM NPT BR NR 98.0 (44.5) CP400084HABA 2 ¹ /2" x 7' HEW 4113 MXM NPT BR NR 106.0 (48.2) CP400084HABA 2 ¹ /2" x 7' HEW 4113 MXM NPT BR NR 17.0 (7.7)	CP400156HABA	2 ¹ /2" x 13' HEW 4113	MXM NPT BR NR	27.0 (12.3)
CP400420HABA 2 ¹ /2" x 35' HEW 4113 MXM NPT BR NR 64.0 (29.1) CP400480HABA 2 ¹ /2" x 40' HEW 4113 MXM NPT BR NR 73.0 (33.2) CP400600HBBA 2 ¹ /2" x 50' HEW 4113 MXM NPT BR NR 73.0 (33.2) CP400600HBBA 2 ¹ /2" x 50' HEW 4113 MXM NPT BR NR 90.0 (40.9) CP400600HABA 2 ¹ /2" x 50' HEW 4113 MXM NPT BR NR 90.0 (40.9) CP400660HABA 2 ¹ /2" x 50' HEW 4113 MXM NPT BR NR 90.0 (44.5) CP400660HABA 2 ¹ /2" x 60' HEW 4113 MXM NPT BR NR 98.0 (44.5) CP400720HABA 2 ¹ /2" x 7' HEW 4113 MXM NPT BR NR 106.0 (48.2) CP400084HABA 2 ¹ /2" x 7' HEW 4113 MXM NPT BR NR 17.0 (7.7)	CP400192HABA	2 ¹ /2" x 16' HEW 4113	MXM NPT BR NR	32.0 (14.5)
CP400480HABA 2 ¹ /2" x 40'HEW 4113 MXM NPT BR NR 73.0 (33.2) CP400600HBBA 2 ¹ /2" x 50' HEW 4113 MXF NPT BR NR 90.0 (40.9) CP400600HABA 2 ¹ /2" x 50' HEW 4113 MXF NPT BR NR 90.0 (40.9) CP400600HABA 2 ¹ /2" x 50' HEW 4113 MXM NPT BR NR 90.0 (40.9) CP400600HABA 2 ¹ /2" x 55' HEW 4113 MXM NPT BR NR 90.0 (40.5) CP400660HABA 2 ¹ /2" x 55' HEW 4113 MXM NPT BR NR 98.0 (44.5) CP400720HABA 2 ¹ /2" x 60' HEW 4113 MXM NPT BR NR 106.0 (48.2) CP400084HABA 2 ¹ /2" x 7' HEW 4113 MXM NPT BR NR 17.0 (7.7)	CP400197HABA	2 ¹ /2" x 16'5" HEW 41	13 MXM NPT BR NR	33.0 (15.0)
CP400600HBBA 2 ¹ /2" x 50' HEW 4113 MXF NPT BR NR 90.0 (40.9) CP400600HABA 2 ¹ /2" x 50' HEW 4113 MXM NPT BR NR 90.0 (40.9) CP400600HABA 2 ¹ /2" x 55' HEW 4113 MXM NPT BR NR 90.0 (40.9) CP400600HABA 2 ¹ /2" x 55' HEW 4113 MXM NPT BR NR 98.0 (44.5) CP400720HABA 2 ¹ /2" x 60' HEW 4113 MXM NPT BR NR 106.0 (48.2) CP400084HABA 2 ¹ /2" x 7' HEW 4113 MXM NPT BR NR 17.0 (7.7)	CP400420HABA	2 ¹ /2" x 35' HEW 4113	MXM NPT BR NR	64.0 (29.1)
CP400600HABA 2 ¹ /2" x 50' HEW 4113 MXM NPT BR NR 90.0 (40.9) CP400660HABA 2 ¹ /2" x 55' HEW 4113 MXM NPT BR NR 98.0 (44.5) CP400720HABA 2 ¹ /2" x 60' HEW 4113 MXM NPT BR NR 98.0 (44.2) CP400084HABA 2 ¹ /2" x 7' HEW 4113 MXM NPT BR NR 106.0 (48.2) CP400084HABA 2 ¹ /2" x 7' HEW 4113 MXM NPT BR NR 17.0 (7.7)	CP400480HABA	2 ¹ /2" x 40' HEW 4113	MXM NPT BR NR	73.0 (33.2)
CP400660HABA 2 ¹ /2" x 55' HEW 4113 MXM NPT BR NR 98.0 (44.5) CP400720HABA 2 ¹ /2" x 60' HEW 4113 MXM NPT BR NR 106.0 (48.2) CP400084HABA 2 ¹ /2" x 7' HEW 4113 MXM NPT BR NR 17.0 (7.7)	CP400600HBBA	2 ¹ /2" x 50' HEW 4113	MXF NPT BR NR	90.0 (40.9)
CP400720HABA 2 ¹ /2" x 60' HEW 4113 MXM NPT BR NR 106.0 (48.2) CP400084HABA 2 ¹ /2" x 7' HEW 4113 MXM NPT BR NR 17.0 (7.7)	CP400600HABA	2 ¹ /2" x 50' HEW 4113	MXM NPT BR NR	90.0 (40.9)
CP400084HABA 2 ¹ / ₂ " x 7' HEW 4113 MXM NPT BR NR 17.0 (7.7)	CP400660HABA	2 ¹ /2" x 55' HEW 4113	MXM NPT BR NR	98.0 (44.5)
	CP400720HABA	2 ¹ /2" x 60' HEW 4113	MXM NPT BR NR	106.0 (48.2)
CP400118HABA 2 ¹ /2" x 9' 3" HEW 4113 MXM NPT BR NR 20.0 (9.1)	CP400084HABA	2 ¹ /2" x 7' HEW 4113 I	MXM NPT BR NR	17.0 (7.7)
	CP400118HABA	2 ¹ / ₂ " x 9' 3" HEW 41	13 MXM NPT BR NR	20.0 (9.1)



AVIATION FUELING HOSES

4113 Permanent Fitting aviation fueling hose recommended for all types of riser deck, reel, and hydrant hose applications.

MODEL NO.	DESCRIPTION	Shipping w	EIGHT LBS (KG)
CP400132HABA	21/2" x 11' HEW 4113	MXM NPT BR NR	34.0 (15.5)
CP400180HABA	21/2" x 15' HEW 4113	MXM NPT BR NR	30.0 (13.6)
CP400240HABA	21/2" x 20' HEW 4113	MXM NPT BR NR	39.0 (17.7)
CP400684HABA	21/2" x 57' HEW 4113	MXM NPT BR NR	100.0 (45.5)
CP401200HBBA	21/2" x 100' HEW 411	3 MXF NPT BR NR	174.0 (79.1)
3" HOSES			
CP480096HABA	3" x 8' HEW 4113 MX	M NPT BR NR	28.0 (12.7)
CP480108HABA	3" x 9' HEW 4113 MX	M NPT BR NR	31.0 (14.1)
CP480120HABA	3" x 10' HEW 4113 M	XM NPT BR NR	34.0 (15.5)
CP480132HABA	3" x 11' HEW 4113 M	XM NPT BR NR	36.0 (16.4)
CP480144HABA	3" x 12' HEW 4113 M	XM NPT BR NR	39.0 (17.7)
CP480168HABA	3" x 14' HEW 4113 M	XM NPT BR NR	44.0 (20.0)
CP480180HABA	3" x 15' HEW 4113 M	XM NPT BR NR	46.0 (20.9)
CP480240HABA	3" x 20' HEW 4113 M	XM NPT BR NR	59.0 (26.8)
CP480360HBBA	3" x 30' HEW 4113 M	XF NPT BR NR	85.0 (38.6)
CP480600HBBA	3" x 50 FT HEW 4113	MXF NPT BR NR	136.0 (61.8)
CP480600HABA	3" x 50' HEW 4113 M	XM NPT BR NR	136.0 (61.8)
CP480720HABA	3" x 60' HEW 4113 M	XM NPT BR NR	162.0 (73.6)

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Construction

Tube	Black nitrile synthetic rubber
Cover	Black neoprene static dissipating/static conductive synthetic rubber (wrapped finish)
Reinforcement	Spiral-plied (4) synthetic fabric and one nylon breaker
Couplings	Permanent brass internally expanded fittings - male and female NPT (swivel nut) Reusable 4-bolt aluminum clamp fittings - male and female, NPT and BSP threads - all females have swivel nuts - available with brass, tin plated brass, and stainless inserts

Available in these Sizes

II	D	NO	N OD	MAX	WP	WEI	GHT
Size	MM	IN	MM	PSI	MPA	LB/FT	KG/M
³ /4″	19	1.25	31.8	300	2.07	0.50	0.75
1″	25	1.50	38.0	300	2.07	0.62	0.93
1 ¹ /4″	32	1.78	45.2	300	2.07	0.79	1.18
1 ¹ /2″	38	2.06	52.3	300	2.07	0.86	1.28
2″	50	2.57	65.3	300	2.07	1.20	1.79
2 ¹ /2″	63	3.20	81.2	300	2.07	1.69	2.52
3″	75	3.70	94.0	300	2.07	2.33	3.47
4″	102	4.94	125.0	300	2.07	3.30	4.92

Couplings

Permanent Brass	Internally expanded fittings (standard for 3/4" and 3"
	ID) - male NPT and female NPS (swivel nut)
Crimped on Stainless	Male NPT (zinc-plated ferrules) standard for 4" ID hose assemblies. Internally expanded brass male NPT and NPS are also available.
Reusable 4-Bolt	Aluminum clamp fittings - male and female, NPT and BSP threads - all females have swivel nuts - available with brass, tin-plated brass and stainless inserts.

Protective Coils

9746	2" Banding Coil, White
9744	3" Banding Coil, White
9774	4" Banding Coil, White

Order Guide (Ex. CP320600HABA)

AVIATION HOSE SIZE - CPSS	FITTING STYLE - <mark>S</mark>	FITTING BRAND - F
³ / ₄ " = CP12 2" = CP32	A = Male x Male NPT Not Reusable	A = Internal Expansion Permanent
1" = CP16 2 ¹ /2" = CP40	B = Male x Female NPT not Reusable	B = Dixon/UMI Internal Expansion
1 ¹ / ₄ " = CP20 3" = CP48	C = Female x Female NPT Not Reusable	D = Dixon Swaged
1 ¹ /2" = CP24 4" = CP64	D = Male x Male NPT Reusable	E = Dixon Reusable
HOSE LENGH (IN INCHES) - LLLL	E = Male x Female NPT Reusable	F = Elaflex Resuable
0600 = 50 feet 0 inches	F = Female x Female NPT Reusable	G = Roman Seliger Reusable
0606 = 50 feet 6 inches	J = Male x Male BSP Reusable	INSERT MATERIAL - M
AVIATION HOSE - H, C OR J	K = Male x Female BSP Reusable	A = Brass
H = 4113 Aviation Hose	L = Female x Female BSP Reusable	A = B + B + B + B + B + B + B + B + B + B
C = 4113CT Cold Temp	S = Special (See Note 1)	D = Tin-Plated Brass
J = 5500 JacRiser Hose		F = Carbon Steel
NOTE:		OVERALL LENGTH - 0

If special, the next two digits will be used sequentially first using numbers (0-9) then using Alpha (A-Z). Special fittings or special materials will be described in the fab/shipping instructions section of the factory order. See separate assembly drawing for each special assembly number.



FITTING BRAND - F	
A = Internal Expansion Permanent (stainless ste	el only)
B = Dixon/UMI Internal Expansion (Permanent (Brass Insert)
D = Dixon Swaged	
E = Dixon Reusable	
F = Elaflex Resuable	
G = Roman Seliger Reusable	
INSERT MATERIAL - M	
A = Brass	
B = Stainless Steel	
D = Tin-Plated Brass	
F = Carbon Steel	
OVERALL LENGTH - <mark>O</mark>	
For all sizes except CP64, if "0" is present, LLL	L = OAL
For CP64 only, if blank, LLLL = OAL	
For CP64 only, if "C" present, LLLL = Cut Lengt	h

4113 Reuseable



4113 with Reusable couplings aviation fueling hose recommended for all types of riser deck, reel, and hydrant hose applications.

- Used for commercial and private aircraft
- Resistant to jet fuel and higher aromatic aviation gasolines
- Compatible with use on hydrant service
- Meets El 1529, 6th edition, 2005 and European Standard EN ISO 1825 (2011) and NPFA 407
- Recommended for all types of riser deck, reel, and hydrant hose applications
- All aviation hose assemblies are 100% hydrostatic tested to 600 PSI and inspected for electrical continuity

- Every hose receives a unique serial number and test certificate
- Standard hose assemblies are supplied with Roman Seliger brand 4-bolt aluminum clamp reusable couplings. Elaflex Spannloc are available on request.
- All 4" ID hoses utilize Roman Seliger 4-bolt aluminum clamped reusable fittings.

Specifying Information

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
11/2" HOSES		
CP240720HKGB	1 ¹ /2" X 60' 4113 MXF B	SP SS RU 51.6 (23.5)
CP240792HEGA	1 ¹ /2″ X 66′ 4113 MXF N	PT BR RU 56.8 (25.8)
2" HOSES		
CP320720HKGB	2" x 60' 4113 MXF BSP	SS RU 72.0 (32.7)
CP320720HKGA	2" x 60' 4113 MXF BSP	BR RU 72.0 (32.7)
CP320792HEGA	2" x 66' 4113 MXF NPT	BR RU 79.2 (36.0)
2 ¹ / ₂ " HOSES		
CP400120HEGD	2 ¹ /2" x 10' 4113 MXF B	SP TP RU 16.9 (7.7)
CP400144HEGD	2 ¹ / ₂ " x 12' 4113 MXF B	SP TP RU 20.3 (9.2)
CP400156HDGB	2 ¹ /2" x 13' 4113 MXM N	PT SS RU 22.0 (10.0)
3" HOSES		
CP480144HEGD	3" x 12' 4113 MXF BSF	P TP RU 28.0 (12.7)
CP480168HABA	3" x 14' 4113 MXM NPT	T BR RU 32.6 (14.8)
CP480240HEGD	3" x 20' 4113 MXF BSP	TP RU 46.6 (21.2)
CP480300HEGD	3" x 25' 4113 MXF BSP	TP RU 58.3 (26.5)
CP480396HDGB	3" x 33' 4113 MXM NPT	T SS RU 76.9 (36.3)
CP480480HEGD	3" x 40' 4113 MXF BSP	TP RU 93.2 (42.4)
4" HOSES		
CP640144HEGD	4" x 12' 4113 MXF BSP	TP RU 39.6 (18.0)
CP640394HEGD	4" x 32.8' 4113 MXF BS	SP TP RU 108.2 (49.2)
CP640432HKGD	4" x 46' 4113 MXF BSP	TP RU 151.8 (69.0)

Construction

Tube	Black nitrile synthetic rubber
Cover	Black neoprene static dissipating/static conductive synthetic rubber (wrapped finish)
Reinforcement	Spiral-plied (4) synthetic fabric and one nylon breaker

AVIATION FUELING HOSES



4113 Reusable

4113 with Reusable couplings aviation fueling hose recommended for all types of riser deck, reel, and hydrant hose applications.

Available in these Sizes

ID		NON	/I OD	MAX WP		WEIGHT	
Size	MM	IN	MM	PSI	MPA	LB/FT	KG/M
3/4″	19	1.25	31.8	300	2.07	0.50	0.75
1″	25	1.50	38.0	300	2.07	0.62	0.93
1 ¹ /4″	32	1.78	45.2	300	2.07	0.79	1.18
1¹/ 2″	38	2.06	52.3	300	2.07	0.86	1.28
2″	50	2.57	65.3	300	2.07	1.20	1.79
2 ¹ /2″	63	3.20	81.2	300	2.07	1.69	2.52
3″	75	3.70	94.0	300	2.07	2.33	3.47
4″	102	4.94	125.0	300	2.07	3.30	4.92

Couplings

Permanent Reusable 4-bolt Brass male and female NPT (swivel nut) Aluminum clamp fittings - male and female, NPT and BSP threads - all females have swivel nuts - available with brass, tin plated brass, and stainless inserts Aluminum male available for 2, 21/2 and 3-inch ID

Protective Coils

9746	2" Banding Coil, White
9744	3" Banding Coil, White
9774	4" Banding Coil, White
9793	3" Banding Coil, Orange

Order Guide (Ex. CP320600HABA)

AVIATION HOSE SIZE - CPSS	FITTING STYLE - <mark>S</mark>	FITTING BRAND - F
³ /4" = CP12 2" = CP32	A = Male x Male NPT Not Reusable	A = Internal Expansion Permanent (stainless steel of
$1'' = CP16$ $2^{1}/2'' = CP40$	B = Male x Female NPT not Reusable	B = Dixon/UMI Internal Expansion (Permanent (Bras
$1^{1}/4'' = CP20$ $3'' = CP48$	C = Female x Female NPT Not Reusable	Insert)
$1^{1}/2'' = CP24$ $4'' = CP64$	D = Male x Male NPT Reusable	D = Dixon Swaged
HOSE LENGH (IN INCHES) - LLLL	E = Male x Female NPT Reusable	E = Dixon Reusable
0600 = 50 feet 0 inches	F = Female x Female NPT Reusable	F = Elaflex Resuable
0606 = 50 feet 6 inches	J = Male x Male BSP Reusable	G = Roman Seliger Reusable
AVIATION HOSE - H OrJ	K = Male x Female BSP Reusable	INSERT MATERIAL - M
H = 4113 Aviation Hose	L = Female x Female BSP Reusable	A = Brass
J = 5500 JacRiser Hose	S = Special (See Note 1)	B = Stainless Steel
		D - Tin-Plated Brass

NOTE:

If special, the next two digits will be used sequentially first using numbers (0-9) then using Alpha (A-Z). Special fittings or special materials will be described in the fab/shipping instructions section of the factory order. See separate assembly drawing for each special assembly number.

A = Internal Expansion Permanent (stainless steel only)
B = Dixon/UMI Internal Expansion (Permanent (Brass Insert)
D = Dixon Swaged
E = Dixon Reusable
F = Elaflex Resuable
G = Roman Seliger Reusable
INSERT MATERIAL - M
INSERT MATERIAL - IVI
A = Brass
A = Brass
A = Brass B = Stainless Steel
A = Brass B = Stainless Steel D = Tin-Plated Brass

For CP64 only, if blank, LLLL = OAL

For CP64 only, if "C" present, LLLL = Cut Length

A BREED APART

2325 Husky Way • Pacific, MO 63069 (800) 325-3558 • Fax (636) 825-7300 www.husky.com • sales@husky.com



4113CT Permanent



- Used for commercial and private aircraft
- Resistant to jet fuel and higher aromatic aviation gasolines
- Compatible with use on hydrant service
- Meets El 1529, 7th Edition, 2014 and European Standard EN ISO 1825 (2011), Type CT, Grade 2, NPFA 407 and MIL-DTL-6615G
- Operating tempuratue -67°F to +158°F (-55°C to +70°C)
- Recommended for all types of riser deck, reel, and hydrant hose applications
- All aviation hose assemblies are 100% hydrostatic tested to 600 PSI and inspected for electrical continuity
- Every hose receives a unique serial number and test certificate



MODEL NO.	DESCRIPTION SHIPPING WI	EIGHT LBS (KG)
1" HOSES		
CP160024CABA	1" x 2' HEW 4113CT MM NPT BR NR	1.24 (0.6)
CP160180CABA	1" x 15' HEW 4113CT MM NPT BR NR	10.0 (4.5)
CP160360CABA	1" x 30' HEW 4113CT MM NPT BR NR	20.0 (9.1)
CP160420CABA	1" x 35' HEW 4113CT MM NPT BR NR	23.0 (10.5)
CP160472CABA	1" x 39' 4" HEW 4113CT MM NPT BR NR	25.0 (11.3)
CP160480CABA	1" x 40' HEW 4113CT MM NPT BR NR	26.0 (11.8)
CP160588CABA	1" x 49' HEW 4113CT MM NPT BR NR	30.4 (13.8)
CP160600CABA	1" x 50' HEW 4113CT MM NPT BR NR	32.0 (14.5)
CP160720CABA	1" x 60' HEW 4113CT MM NPT BR NR	38.0 (17.3)
CP160792CABA	1" x 66' HEW 4113CT MM NPT BR NR	42.0 (19.1)
CP160900CABA	1" x 75' HEW 4113CT MM NPT BR NR	48.0 (21.8)
CP160960CABA	1" x 80' HEW 4113CT MM NPT BR NR	51.0 (23.1)
CP161080CABA	1" x 90' HEW 4113CT MM NPT BR NR	57.0 (25.9)
CP161200CABA	1" x 100' HEW 4113CT MM NPT BR NR	63.0 (28.6)
CP161380CABA	1" x 115' HEW 4113CT MM NPT BR NR	71.3 (32.4)
CP161560CABA	1" x 130' HEW 4113CT MM NPT BR NR	80.6 (36.6)
1 ¹ / ₄ " HOSES		
CP200600CABA	11/4" x 50' HEW 4113CT MM NPT BR NR	42.0 (19.1)
CP200660CABA	11/4" x 55' HEW 4113CT MM NPT BR NR	45.0 (20.1)
CP200792CABA	11/4" x 66' HEW 4113CT MM NPT BR NR	54.0 (24.5)
CP200840CBBA	11/4" x 70' HEW 4113CT MF NPT BR NR	57.0 (25.9)
CP200900CABA	11/4" x 75' HEW 4113CT MM NPT BR NR	61.0 (27.8)
CP201176CABA	11/4" x 98' HEW 4113CT MM NPT BR NR	77.4 (35.2)
CP201200CBBA	11/4" x 100' HEW 4113CT MF NPT BR NR	81.0 (36.8)
CP201200CABA	11/4" x 100' HEW 4113CT MM NPT BR NR	81.0 (36.8)
1 ¹ / ₂ " HOSES		
CP240024CABA	11/2" x 2' HEW 4113CT MM NPT BR NR	1.7 (0.8)
CP240108CABA	11/2" x 9' HEW 4113CT MM NPT BR NR	11.0 (5.0)
CP240120CABA	11/2" x 10' HEW 4113CT MM NPT BR NR	12.0 (5.5)
CP240600CABA	11/2" x 50' HEW 4113CT MM NPT BR NR	51.0 (23.2)
CP240720CABA	11/2" x 60' HEW 4113CT MM NPT BR NR	61.0 (27.8)
CP240780CBBA	11/2" x 65' HEW 4113CT MF NPT BR NR	66.0 (30.0)
CP240792CABA	11/2" x 66' HEW 4113CT MM NPT BR NR	67.0 (30.5)
CP240840CABA	11/2" x 70' HEW 4113CT MM NPT BR NR	71.0 (32.3)
CP240900CABA	11/2" x 75' HEW 4113CT MM NPT BR NR	76.0 (34.5)
CP241020CABA	11/2" x 85' HEW 4113CT MM NPT BR NR	85.0 (38.6)
CP241200CABA	11/2" x 100' HEW 4113CT MM NPT BR NR	100.0 (45.5)
CP241200CBBA	11/2" x 100' HEW 4113CT MF NPT BR NR	100.0 (45.5)





AVIATION FUELING P

MODEL NO.	DESCRIPTION	SHIPPING WEIC	GHT LBS (KG)
CP240420CABA	11/2" x 35' HEW 4113CT	MM NPT BR NR	36.0 (16.4)
CP240684CABA	11/2" x 57' HEW 4113CT	MM NPT BR NR	49.0 (22.3)
CP240780CABA	11/2" x 65' HEW 4113CT	MM NPT BR NR	66.0 (30.0)
CP241368CABA	11/2" x 114' HEW 4113CT	MM NPT BR NR	98.0 (44.5)
CP241800CABA	11/2" x 150' HEW 4113CT	MM NPT BR NR	129.0 (58.6)
2" HOSES			
CP320120CABA	2" x 10' HEW 4113CT M	A NPT BR NR	16.0 (7.3)
CP320134CABA	2" x 11.17' HEW 4113CT	MM NPT BR NR	13.4 (6.1)
CP320144CABA	2" x 12' HEW 4113CT M	M NPT BR NR	19.0 (8.6)
CP320180CABA	2" x 15' HEW 4113CT M	A NPT BR NR	23.0 (10.5)
CP320197CABA	2" x 16' 5" HEW 4113CT	MM NPT BR NR	24.0 (10.9)
CP320216CABA	2" x 18' HEW 4113CT M	A NPT BR NR	26.0 (11.8)
CP320240CABA	2" x 20' HEW 4113CT M	A NPT BR NR	29.0 (13.2)
CP320420CABA	2" x 35' HEW 4113CT M	A NPT BR NR	49.0 (22.3)
CP320480CABA	2" x 40' HEW 4113CT M	A NPT BR NR	55.0 (25.0)
CP320564CABA	2" x 47' HEW 4113CT M	A NPT BR NR	56.4 (25.6)
CP320600CABA	2" x 50' HEW 4113CT M	A NPT BR NR	68.0 (30.9)
CP320600CBBA	2" x 50' HEW 4113CT M	NPT BR NR	68.0 (30.9)
CP320684CABA	2" x 57' HEW 4113CT M	A NPT BR NR	68.4 (31.1)
CP320720CABA	2" x 60' HEW 4113CT M	A NPT BR NR	81.0 (36.8)
CP320792CABA	2" x 66' HEW 4113CT M	A NPT BR NR	89.0 (40.5)
CP320900CABA	2" x 75' HEW 4113CT M	M NPT BR NR	101.0 (45.9)
21/2" HOSES			
CP400096CABA	21/2" x 8' HEW 4113CT N	im npt br nr	19.0 (8.6)
CP400108CABA	2 ¹ /2" x 9' HEW 4113CT N	IM NPT BR NR	20.0 (9.1)
CP400120CBBA	21/2" x 10' HEW 4113CT	MF NPT BR NR	22.0 (10.0)
CP400120CABA	21/2" x 10' HEW 4113CT	MM NPT BR NR	22.0 (10.0)
CP400144CABA	21/2" x 12' HEW 4113CT	MM NPT BR NR	25.0 (11.4)
CP400156CABA	21/2" x 13' HEW 4113CT	MM NPT BR NR	27.0 (12.3)
CP400192CABA	21/2" x 16' HEW 4113CT	MM NPT BR NR	32.0 (14.5)
CP400197CABA	2 ¹ /2" x 16'5" HEW 41130	T MM NPT BR NR	33.0 (15.0)
CP400420CABA	21/2" x 35' HEW 4113CT	MM NPT BR NR	64.0 (29.1)
CP400480CABA	21/2" x 40' HEW 4113CT M	/M NPT BR NR	73.0 (33.2)
CP400600CBBA	21/2" x 50' HEW 4113CT	MF NPT BR NR	90.0 (40.9)
CP400600CABA	21/2" x 50' HEW 4113CT	MM NPT BR NR	90.0 (40.9)
CP400660CABA	21/2" x 55' HEW 4113CT	MM NPT BR NR	98.0 (44.5)
CP400720CABA	2 ¹ /2" x 60' HEW 4113CT	MM NPT BR NR	106.0 (48.2)
CP400084CABA	21/2" x 7' HEW 4113CT N	im npt br nr	17.0 (7.7)
CP400118CABA	2 ¹ /2" x 9' 3" HEW 4113C	T MM NPT BR NR	20.0 (9.1)

AVIATION FUELING HOSES

4113CT Cold Temperature Hose Permanent Fitting aviation fueling hose recommended for all types of riser deck, reel, and hydrant hose applications.

MODEL NO.	DESCRIPTION	SHIPPING WE	EIGHT LBS (KG)
CP400132CABA	2 ¹ /2" x 11' HEW 4113C	T MM NPT BR NR	34.0 (15.5)
CP400180CABA	2 ¹ /2" x 15' HEW 4113C	t mm npt br nr	30.0 (13.6)
CP400240CABA	2 ¹ /2" x 20' HEW 4113C	T MM NPT BR NR	39.0 (17.7)
CP400684CABA	2 ¹ /2" x 57' HEW 4113C	T MM NPT BR NR	100.0 (45.5)
CP401200CBBA	2 ¹ /2" x 100' HEW 4113	CT MF NPT BR NR	174.0 (79.1)
3" HOSES			
CP480096CABA	3" x 8' HEW 4113CT M	M NPT BR NR	28.0 (12.7)
CP480108CABA	3" x 9' HEW 4113CT M	M NPT BR NR	31.0 (14.1)
CP480120CABA	3" x 10' HEW 4113CT I	MM NPT BR NR	34.0 (15.5)
CP480132CABA	3" x 11' HEW 4113CT I	MM NPT BR NR	36.0 (16.4)
CP480144CABA	3" x 12' HEW 4113CT I	MM NPT BR NR	39.0 (17.7)
CP480168CABA	3" x 14' HEW 4113CT I	MM NPT BR NR	44.0 (20.0)
CP480180CABA	3" x 15' HEW 4113CT I	MM NPT BR NR	46.0 (20.9)
CP480240CABA	3" x 20' HEW 4113CT I	MM NPT BR NR	59.0 (26.8)
CP480360CBBA	3" x 30' HEW 4113CT I	MF NPT BR NR	85.0 (38.6)
CP480600CBBA	3" x 50 FT HEW 4113C	T MF NPT BR NR	136.0 (61.8)
CP480600CABA	3" x 50' HEW 4113CT I	MM NPT BR NR	136.0 (61.8)
CP480720CABA	3" x 60' HEW 4113CT I	MM NPT BR NR	162.0 (73.6)

Construction

Tube	Black nitrile synthetic rubber
Cover Black neoprene static dissipating/static conductive synthetic rubber (wrapped finish)	
Reinforcement	Spiral-plied (4) synthetic fabric and one nylon breaker
Couplings	Permanent brass internally expanded fittings - male and female NPT (swivel nut) Reusable 4-bolt aluminum clamp fittings - male and female, NPT and BSP threads - all females have swivel nuts - available with brass, tin plated brass, and stainless inserts

Technical Data for 4113CT Cold Temperature Fueling Hose

ID		NOM	OD	MAX	WP	WEI	GHT
Size	MM	IN	MM	PSI	MPA	LB/FT	KG/M
1″	25	1.457	37	300	2.07	0.54	0.80
1 ¹ /4″	32	1.732	44	300	2.07	0.67	1.00
1 ¹ /2″	38	2.008	51	300	2.07	0.81	1.20
2″	50	2.598	66	300	2.07	1.28	1.90
21/2″	63	3.110	79	300	2.07	1.61	2.40
3″	75	3.583	91	300	2.07	1.88	2.80

Couplings

Permanent Brass	Internally expanded fittings (standard for 1" and 3" ID) - male NPT and female NPS (swivel nut)
Crimped on Stainless	Male NPT (zinc-plated ferrules) standard for 4" ID hose assemblies. Internally expanded brass male NPT and NPS are also available.
Reusable 4-Bolt	Aluminum clamp fittings - male and female, NPT and BSP threads - all females have swivel nuts - available with brass, tin-plated brass and stainless inserts.

Protective Coils

9746	2" Banding Coil, White	
9744	3" Banding Coil, White	
9774	4" Banding Coil, White	

Order Guide (Ex. CP320600CABA)

AVIATION HOSE S	SIZE - CPSS	FITTING STYLE - <mark>S</mark>
³ / _{4"} = CP12	2" = CP32	A = Male x Male NPT Not Reusable
1" = CP16	$2^{1}/2^{\prime\prime} = CP40$	B = Male x Female NPT not Reusable
$1^{1}/4'' = CP20$	3" = CP48	C = Female x Female NPT Not Reusable
$1^{1}/_{2}'' = CP24$	4" = CP64	D = Male x Male NPT Reusable
HOSE LENGH (IN	I INCHES) - LLLL	E = Male x Female NPT Reusable
0600 = 50 feet 0 in	ches	F = Female x Female NPT Reusable
0606 = 50 feet 6 in	ches	J = Male x Male BSP Reusable
AVIATION HOSE - H, C OR J		K = Male x Female BSP Reusable
H = 4113 Aviation Hose C = 4113CT Cold Temp J = 5500 JacRiser Hose		L = Female x Female BSP Reusable
		S = Special (See Note 1)

NOTE:

If special, the next two digits will be used sequentially first using numbers (0-9) then using Alpha (A-Z). Special fittings or special materials will be described in the fab/shipping instructions section of the factory order. See separate assembly drawing for each special assembly number.



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FITTING BRAND - F
A = Internal Expansion Permanent (stainless steel only)
B = Dixon/UMI Internal Expansion (Permanent (Brass Insert)
D = Dixon Swaged
E = Dixon Reusable
F = Elaflex Resuable
G = Roman Seliger Reusable
INSERT MATERIAL - M
A = Brass
B = Stainless Steel
D = Tin-Plated Brass
F = Carbon Steel
OVERALL LENGTH - O
For all sizes except CP64, if "0" is present, LLLL = OAL
For CP64 only, if blank, LLLL = OAL
For CP64 only, if "C" present, LLLL = Cut Length

MADE IN THE U.S.A.



JacRiser Fueling Hoses



5500 JacRiser



Used in riser connection of aviation refuelers, hydrant cart servicers and tank farm connections.

- Used for commercial and private aircraft.
- Resistant to jet fuel andhigher aromatic aviation gasolines.
- Premium fueling and defueling hose designed to achieve more than twice the cycle flexing capabilities (124000 plus cycles).
- Meets El 1529, 7th Edition, 2014 and European Standard EN ISO 1825 (2011), Type E, Grade 2, NPFA 407
- Suitable for full vacuum service and high flex applications.

- Designed for flexible connection between hydrant cart or refueler chassis and adjustable riser platform.
- Functional in temperatures -40°F to 180°F (-40°C to 82°C).
- All aviation hose assemblies are 100% hydrostatic tested to 600 PSI and inspected for electrical continuity.
- Every hose receives a unique serial number and test certificate.

Swaged on Stainless Male NPT – 4 Inch ID Hoses

MODEL NO.	DESCRIPTION	SHIPPING WEI	GHT LBS (KG)
CP640092JADB	4" x 92" OAL JAC 5	500 MXM NPT SS NR	51 (23.2)
CP640102JADB	4" x 102" OAL JAC	5500 MXM NPT SS NR	55 (25.0)
CP640132JADB	4" x 11' OAL JAC 5	500 MXM NPT SS NR	66 (30.0)
CP640108JADB	4" x 9' OAL JAC 55	00 MXM NPT SS NR	57 (25.9)
CP640420JADB	4" x 35' OAL JAC 5	500 MXM NPT SS NR	171 (77.7)
CP640087JADB	4" x 87" OAL JAC 5	500 MXM NPT SS NR	50 (22.7)
CP640128JADB	4" x 128" OAL JAC	5500 MXM NPT SS NR	65 (29.5)
CP640126JADB	4" x 10'6" OAL JAC	5500 MXM NPT SS NR	64 (29.1)
CP640110JADB	4" x 110" OAL JAC	5500 MXM NPT SS NR	54 (24.5)

Internally Expanded Brass Male NPT – 1-1/2, 2, 2-1/2 and 3 Inch ID Hoses

MODEL NO.	DESCRIPTION	SHIPPING WEIG	HT LBS (KG)
CP240480JABA	1-1/2" X 40' 5500 MXM NPT	BR NR	54 (24.5)
CP240400JABA	1-1/2" X 70' 5500 MXM NPT	BR NR	94 (42.6)
CP320480JABA	2" x 40' JAC 5500 MXM NPT	BR NR	67 (30.4)
CP320900JABA	2" x 75' JAC 5500 MXM NPT	BR NR	123 (55.8)
CP400120JABA	2-1/2" X 10' 5500 MXM NPT	BR NR	25 (11.3)
CP400360JABA	2-1/2" X 30' 5500 MXM NPT	BR NR	69 (31.3)
CP480180JABA	3" x 15' JAC 5500 MXM NPT	BR NR	53 (24.0)
CP480300JABA	3" x 25' JAC 5500 MXM NPT	BR NR	83 (37.6)
CP480144JABA	3" x 12' JAC 5500 MXM NPT	BR NR	44 (20.0)
CP480096JABA	3" x 8' JAC 5500 MXM NPT E	BR NR	32 (14.5)

Construction

Tube	Black nitrile synthetic rubber
Cover	Black neoprene static dissipating/static conductive synthetic rubber (wrapped finish)
Reinforcement	Spiral-plied (4) synthetic fabric and one nylon breaker with dual wire helix construction

ISO 9001:2015 CERTIFIED Above are examples of existing part numbers. Husky can build any hose to any length with a variety of fittings. Contact Husky for additional information if you do not see an assembly that matches your needs.

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



5500 JacRiser

Used in riser connection of aviation refuelers, hydrant cart servicers and tank farm connections.

Dimensions and System Options

Available in these Sizes

10)	NON	/I OD	MAX	WP	BEND F	RADIUS	WEI	GHT
Size	MM	IN	MM	PSI	MPA	IN	MM	LB/FT	KG/M
1-1/2″	38	2.18	55.4	300	2.07	6.0	152	1.27	1.89
2″	50	2.756	69.8	300	2.07	8.0	203	1.74	2.59
2-1/2″	63.5	3.22	81.9	300	2.07	10.0	254	2.13	3.17
3″	75	3.82	98.6	300	2.07	12.0	305	2.93	4.36
4″	102	4.97	126.2	300	2.07	16.0	406	4.40	6.55

Couplings

Permanent Brass	Internally expanded fittings (standard for 2" and 3" ID) - male NPT and female NPS (swivel nut)
Swaged on Stainless	Male NPT (zinc-plated ferrules) standard for 4" ID hose assemblies. Internally expanded brass male NPT and NPS are also available.
Reusable 4-Bolt	Aluminum clamp fittings - male and female, NPT and BSP threads - all females have swivel nuts - available with brass, tin-plated brass and stainless inserts.

Protective Coils

2" Banding Coil, White	
3" Banding Coil, White	
4" Banding Coil, White	
3" Banding Coil, Orange	
	3" Banding Coil, White 4" Banding Coil, White

FITTING STYLE - S

S = Special (See Note 1)

A = Male x Male NPT Not Reusable B = Male x Female NPT not Reusable C = Female x Female NPT Not Reusable D = Male x Male NPT Reusable E = Male x Female NPT Reusable F = Female x Female NPT Reusable J = Male x Male BSP Reusable K = Male x Female BSP Reusable L = Female x Female BSP Reusable



AVIATION HOSE SIZ	ze - CPSS
³ / ₄ " = CP12	2" = CP32
1" = CP16	2 ¹ / ₂ " = CP40
$1^{1}/_{4}'' = CP20$	3" = CP48
1 ¹ / ₂ " = CP24	4" = CP64
HOSE LENGH (IN I	NCHES) - LLLL
0600 = 50 feet 0 inch	nes
0606 = 50 feet 6 inch	nes
AVIATION HOSE -	lorJ
H = 4113 Aviation Ho J = 5500 JacRiser Ho	

NOTE:

If special, the next two digits will be used sequentially first using numbers (0-9) then using Alpha (A-Z). Special fittings or special materials will be described in the fab/shipping instructions section of the factory order. See separate assembly drawing for each special assembly number.



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A = Internal Expansion Permanent (stainless steel only)	
B = Dixon/UMI Internal Expansion (Permanent (Brass In	sert)
) = Dixon Swaged	
= Dixon Reusable	
= Elaflex Resuable	
G = Roman Seliger Reusable	
NSERT MATERIAL - M	
A = Brass	
3 = Stainless Steel	
D = Tin-Plated Brass	
= Carbon Steel	
DVERALL LENGTH - <mark>O</mark>	
For all sizes except CP64, if "0" is present, LLLL = OAL	
For CP64 only, if blank, LLLL = OAL	

For CP64 only, if "C" present, LLLL = Cut Length



Couplings



Aviation Couplings



In order to meet and comply with EI 1529 and EN ISO 1825 specifications, all Hewitt[®] aviation hoses are supplied with either permanent or reusable couplings.

Permanent Couplings

- Internally expanded brass and stainless fittings. Stainless available upon request.
- NPT male and NPSH female threads (swivel nuts on female fittings)
- Swaged stainless male NPT insert with zinc-plated ferrule (Standard on 4" only).
- 4" internally expanded brass male NPT and NPSH female inserts are available as options.

Reusable Couplings

- 4-bolt aluminum clamps with brass, tin-plated brass or stainless inserts
- NPT male, NPSH female, BSP male and BSP female threads (swivel nuts on female fittings)
- Reusable fittings are available as separate items on request.

Adaptors

- Any of the above fittings can be supplied with adaptors such as Cam & Groove and threaded flanges.
- Dixon "Boss" Cam & Groove fittings are USA made. Imported versions are available.
- Stainless, brass, and aluminum step-up bushings.
- Stainless, carbon steel and aluminum threaded flanges.





Aviation Couplings



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Protective Coils





Used to extend hose life, prevent kinking and reduce abrasion.

- Excellent for extending hose life, preventing kinking on deck and reel hoses, and reducing abrasion to hose cover.
- · Installing coils at hose reel outlet riser will prevent hose collapse and maintain high fuel flow.
- Covers from 2 to 4 feet.
- Available to fit 1" to 4" ID aviation hose.

- Easily installed by factory or in the field.
- Standard white hose coils available from stock.
- Special colors and extra tough urethane hose protector coil available upon request.

Specifying Information

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT FT/LBS.
9746	2" Banding Coil, White	0.6385
9744	3" Banding Coil, White	1.2260
9774	4" Banding Coil, White	1.5710
9793	3" Banding Coil, Orange	1.2260

Construction

Material PVC







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Deadman Hoses



Twin 1/4-Inch



Used in connection of deadman control during aircraft servicing.

- Integral assembly for use with the deadman control valve.
- Vertically braided textile.
- Twinned ¹/₄" diameter red and green hose is vulcanized.
- Highly resistant to oil.
- Available in bulk or with crimped-on male or female swivel fittings.

Specifying Information

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)
9742	Hose, A, 1/4" Deadman Twinline	0.20 (0.09)

Spring Guards

NODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS.
878	¹ / ₄ " x 50' Dead MXF with spring quard	11 25
	spring guard	

Construction

Tube	Nitrile synthetic rubber, RMA Class A
Color	One red hose, one green hose



DEADMAN HOSES





Used in connection of deadman control during aircraft servicing.

Dimensions and System Options

Available in these Sizes

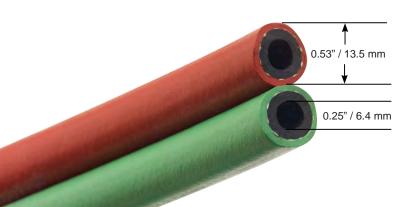
ID (IN)	ID (MM)	SPIRALS	OD (IN)	OD (MM)	LB/FT	KG/M
1/4	6.4	2	34/64	13.5	0.19	0.28

Fittings

Crimped on male or female swivels.

Options

Available in cut lengths assembled or in bulk (approx. 700 ft. per reel).









Sensing Hoses



Twin ³/₈-Inch



Used in connection of aircraft servicers and airport hydrants and sensing control systems.

- Integral assembly to connect aircraft servicers to airport hydrant reference and sensing control systems.
- Vertically braided textile.
- Twinned ³/₈" diameter yellow and green hose is vulcanized.
- Highly resistant to oil.
- Available in bulk or with crimped-on male or female swivel fittings.

Specifying Information

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)
9743	Hose, A, 3/8" Sensing Hose	winline 0.29 (0.13)

Construction

Tube	Nitrile synthetic rubber, RMA Class A
Color	One yellow, one green hose



SENSING HOSES





Used in connection of aircraft servicers and airport hydrants and sensing control systems.

Dimensions and System Options

Available in these Sizes

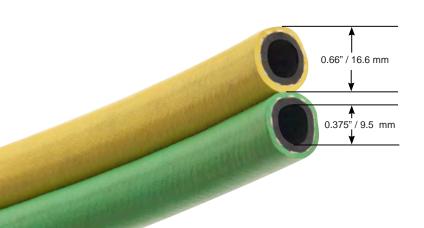
ID (IN)	ID (MM)	SPIRALS	OD (IN)	OD (MM)	LB/FT	KG/M
3/8	9.5	2	21/32	16.6	0.29	0.43

Fittings

Crimped on male or female swivels.

Options

Available in cut lengths assembled or in bulk (approx. 700 ft. per reel).









Aviation Fueling Nozzles



Osprey Nozzle



Automatic shut-off nozzle for over-the-wing fueling of aircraft.

- Specifically designed for business and private overthe-wing aviation fueling.
- Automatic shut-off when wing tanks are full.
- Easy to remove and clean fuel 100 mesh SS fuel filter assembly.
- Nozzle comes with red full grip guard to identify use only with aviation fuel or black full grip guard for jet fuel application if desired.
- Complies with EI1540 and NFPA 407.

Osprey Nozzle with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)
1149812N^	without Hold Open Clip and S Splash Guard and mesh filter	pout Bushing, with Waffle 4.6 (2.0)
		^ NOT LISTED

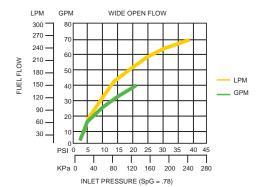
Osprey Nozzle with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)
1149840N^	without Hold Open Clip and S Splash Guard and mesh filter	pout Bushing, with Waffle 4.6 (2.0)
		^ NOT LISTED

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel
Inlet	1" / 25.4 mm NPT and BSPP







OSPREY AVIATION NOZZLE



Osprey Nozzle

Automatic shut-off nozzle for over-the-wing fueling of aircraft.

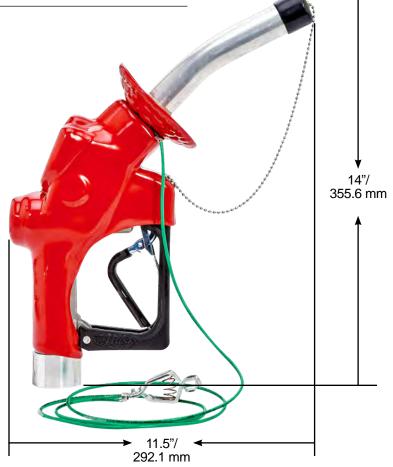
Dimensions and System Options

Swivels

MODEL NO.	NO. DESCRIPTION			
008517	1" M x 1" F NPT Single Plane Swivel	lane Swivel		
004860	1" M x 1" F NPT Multi-Plane High Flow Swivel			
003306	1" M x 1" F BSPP Multi-Plane Swivel			
006949	1" M x 1" F BSPP Multi-Plane High Flow Swivel			

Accessories

MODEL NO.	DESCRIPTION
011817	Electrical Grounding Plug
012141	Osprey Spout Assembly Kit
011946	Spout Cap Assembly
012148	Strainer BSP Kit
012143	Strainer NPT Kit





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Automatic shut-off nozzle for over-the-wing fueling of aircraft.

- Specifically designed for business and private overthe-wing aviation fueling.
- Osprey S nozzle prevents draining of fuel from fueling hose. The nozzle shuts off when
- the pump shuts off.
- the fuel tank is full.
- the lever is opened before the pump is turned on.
- Easy to remove and clean 100 mesh SS fuel filter assembly.
- Nozzle comes with red full grip guard to identify use only with AvGas or black full grip guard for jet fuel application if desired.
- Complies with EI1540 and NFPA 407.

Osprey S Nozzle with NPT

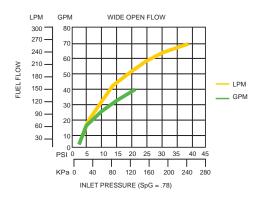
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)
1212312N^	without Hold Open Clip and Sp Splash Guard and mesh filter	oout Bushing, with Waffle 4.6 (2.0)
		^ NOT LISTED

Osprey S Nozzle with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)	
1212340N^	without Hold Open Clip and Sp Splash Guard and mesh filter	vithout Hold Open Clip and Spout Bushing, with Waffle plash Guard and mesh filter 4.6 (2.0	
		^ NOT LISTED	

Construction

Body	Aluminum	
Seals	Fluorocarbon	
Packing	Double o-ring seal protected by fiber reinforced Teflon®	
Lever	One piece contoured steel	
Inlet	1" / 25.4 mm NPT and BSPP	









OSPREY S AVIATION NOZZLE



Automatic shut-off nozzle for over-the-wing fueling of aircraft.

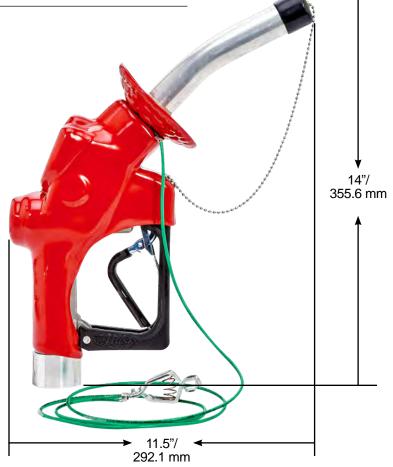
Dimensions and System Options

Swivels

MODEL NO.	DESCRIPTION	
008517	" M x 1" F NPT Single Plane Swivel	
004860	M x 1" F NPT Multi-Plane High Flow Swivel	
003306	M x 1" F BSPP Multi-Plane Swivel	
006949	1" M x 1" F BSPP Mult-Plane High Flow Swivel	

Accessories

MODEL NO.	DESCRIPTION
011817	Electrical Grounding Plug
012139	Osprey S Spout Assembly Kit
011946	Spout Cap Assembly
012148	Strainer BSP Kit
012143	Strainer NPT Kit





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Manual shut-off nozzle for over-the-wing fueling of aircraft.

- Specifically designed for business and private overthe-wing aviation fueling.
- Spout can be removed by loosening nut.
- 100 mesh stainless steel fuel filter to prevent dust and debris from entering the fuel tank; located in the spout for easy removal and cleaning.
- Complies with IE 1540 and NPA 407.

- Black jet fuel nozzle with optional duck bill spout or round spout.
- Red aviation gas nozzle with round spout.
- · Available with the following inlets:
 - 1-1/2" (38mm) Female NPT 1-1/2" (38mm) Female BSPP 1-1/4" (32mm) Female NPT 1-1/4" (32mm) Female BSPP

Falcon Nozzle with NPT

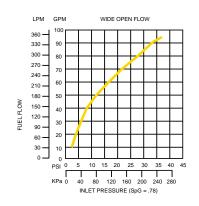
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)
12090218N^	without Hold Open Clip, with Jet I and 11/2 FNPT (38mm) Inlet Inline	
12090219N^	without Hold Open Clip, with Jet I and 1¼ FNPT (32mm) Inlet Inline S	
13734218N^	without Hold Open Clip, with Jet I and 1½ FNPT (38mm) Inlet Inline S	
13734219N^	without Hold Open Clip, with Jet I and 1¼ FNPT (32mm) Inlet Inline S	
13739218N^	without Hold Open Clip, with Avia and 1½ FNPT (38mm) Inlet Inline S	
13739219N^	without Hold Open Clip, with Avia and 1¼ FNPT (32mm) Inlet Inline S	
		^ NOT LISTED

Falcon Nozzle with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)	
12090216N^	without Hold Open Clip, with Jet and 1½ FBSP (38mm) Inlet Inline		
12090217N^	without Hold Open Clip, with Jet and 1¼ FBSP (32mm) Inlet Inline		
13734216N^	without Hold Open Clip, wth Jet 1½ FBSP (38mm) Inlet Inline Swiv	d Open Clip, wth Jet Black, Round Spout, and mm) Inlet Inline Swivel 5.0 (2.3)	
13734217N^	without Hold Open Clip, with Jet 1¼ FBSP (32mm) Inlet Inline Swiv		
13739216N^	without Hold Open Clip, with Avia and 1½ FBSP (38mm) Inlet Inline		
13739217N^	without Hold Open Clip, with Avia and 1¼ FBSP (32mm) Inlet Inline	Swivel 5.0 (2.3)	
		^ NOT LISTED	

Construction

Body	Aluminum	
Seals	Fluorocarbon	
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$	
Lever	One piece contoured steel	







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FALCON AVIATION NOZZLE

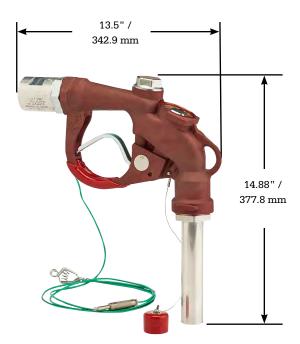
Manual shut-off nozzle for over-the-wing fueling of aircraft.

Hewitt

Dimensions and System Options

Accessories

MODEL NO.	DESCRIPTION	
012086	Falcon Strainer Kit	
012946	Jet Oval Manual Spout Kit	
012948	Aviation Round Manual Spout Kit	
013476	Interlock Hook Assembly	
014204	Black Jet Fuel Oval Spout Cap Assembly	
014205	Black Jet Fuel Round Spout Cap Assembly	
014206	Red Aviation Fuel Round Spout Cap Assembly	
015829	Falcon Poppet Valve Seal Service Kit	









Manual shut-off nozzle for over-the-wing fueling of aircraft.

- Specifically designed for business and private overthe-wing aviation fueling.
- Quick disconnect spout feature for easy removal.
- 100 mesh stainless steel fuel filter to prevent dust and debris from entering the fuel tank; located in the spout for easy removal and cleaning.
- Complies with IE 1540 and NPA 407.

- Black jet fuel nozzle with optional duck bill spout or round spout.
- Red aviation gas nozzle with round spout.
- Available with the following inlets:
 - 1-1/2" (38mm) Female NPT 1-1/2" (38mm) Female BSPP 1-1/4" (32mm) Female NPT 1-1/4" (32mm) Female BSPP

Falcon Nozzle with NPT

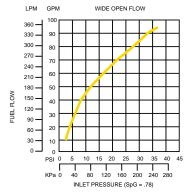
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)
13731218N^	without Hold Open Clip, with Je 1½ FNPT (38mm) Inlet Inline Swi	
13731219N^	without Hold Open Clip, with Jet 1¼ FNPT (32mm) Inlet Inline Swi	
13736218N^	without Hold Open Clip, with Jet 1½ FNPT (38mm) Inlet Inline Swi	
13736219N^	without Hold Open Clip, with Jet 1¼ FNPT (32 mm) Inlet Inline Sw	
13742218N^	without Hold Open Clip, with Avi 1½ FNPT (38mm) Inlet Inline Swi	
13742219N^	without Hold Open Clip, with Avi 1¼ FNPT (32mm) Inlet Inline Swi	
		^ NOT LISTED

Falcon Nozzle with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)
13731216N^	without Hold Open Clip, with Jet Black, Duck Bill Spout, and 1½ FBSP (38mm) Inlet Inline Swivel 5.0 (2.3)	
13731217N^	without Hold Open Clip, with Je 1¼ FBSP (32mm) Inlet Inline Swi	
13736216N^	without Hold Open Clip, with Jet Black, Round Spout, and 1½ FBSP (38mm) Inlet Inline Swivel 5.0 (2.3)	
13736217N^	without Hold Open Clip, with Je 1¼ FBSP (32mm) Inlet Inline Swi	
13742216N^	without Hold Open Clip, with Av 1½ FBSP (38mm) Inlet Inline Swi	•
13742217N^	without Hold Open Clip, with Av 1¼ FBSP (32mm) Inlet Inline Swi	
		^ NOT LISTED

Construction

Body	Aluminum
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon $^{\circ}$
Lever	One piece contoured steel







FALCON AVIATION NOZZLE

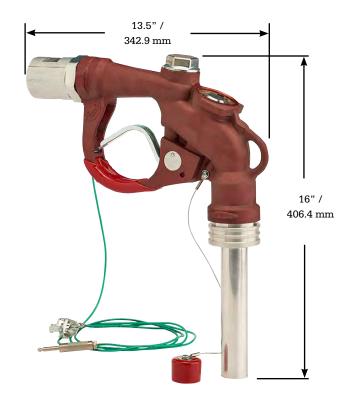


Manual shut-off nozzle for over-the-wing fueling of aircraft.

Dimensions and System Options

Accessories

MODEL NO.	DESCRIPTION
012086	Falcon Strainer Kit
012947	Jet Oval Quick Disconnect Manual Spout Kit
012949	Aviation Quick Disconnect Round Manual Spout Kit
013476	Interlock Hook Assembly
014204	Black Jet Fuel Oval Spout Cap Assembly
014205	Black Jet Fuel Round Spout Cap Assembly
014206	Red Aviation Fuel Round Spout Cap Assembly
015829	Falcon Poppet Valve Seal Service Kit









Aviation Swivels





High volume swivels for over-the-wing fueling of aircraft.

- · Prevents kinking and twisting of hose.
- · Unique stainless steel ball bearing design provides easier joint movement during high pressure applications.
- Easier to angle the nozzle into fill openings.

NPT x BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)	
012799	1½″ x 1½″ BSPP Lo	ng Thread Single Plane Swivel 1.4 (.65)	
012800	1¼″ x 1½″ BSPP Lo	ng Thread Single Plane Swivel 1.4 (.65)	

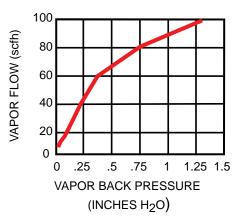
BSPP x BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)
013517	1¼" F x 1½" M Long	Thread Single Plane Swivel 1.4 (.65)
013518	1½" F x 1½" M Long	Thread Single Plane Swivel 1.4 (.65)

Construction

Body	Aluminum
Seals	Fluorocarbon









Aviation Swivels

High volume swivels for over-the-wing fueling of aircraft.

Dimensions and System Options





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MADE IN THE U.S.A.





Aviation Spouts



Falcon Spouts



AVIATION SPOUTS

Spout assemblies.

- Replacement spout assemblies for nozzles that attach to the nozzle with a nut.
- Replacement spout assemblies for nozzles that attach to a nozzle with a quick disconnect.
- Duck bill spout assemblies for use with jet fuel only.
- Round spout assemblies for use with both aviation and jet fuel.

Falcon Nut Spout Assemblies

MODEL NO.	DESCRIPTION	SHIPPING WEIGH	IT LBS (KG)
012946	Duck Bill Spout Assembly fo	r Jet Fuel	.6 (.27)
012948	Round Spout Assembly for A	viation and Jet Fuel	.5 (.23)

Falcon Quick Disconnect Spout Assemblies

MODEL NO.	DESCRIPTION SHIPPING WE	IGHT LBS (KG)
012947	Duck Bill Spout Assembly for Jet Fuel	.5 (.23)
012949	Round Spout Assembly for Aviation and Jet Fuel	.5 (.23)







Falcon Nut Spout Assembly



Falcon Quick Disconnect Spout Assembly







Spout assemblies.

Dimensions



012946 012947



012948 012949



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Aviation Strainers





Strainer for over-the-wing fueling of aircraft.

- Easy to remove and clean fuel 100 mesh SS fuel filter assembly.
- Suitable for aviation fueling and other compatible fluids.
- Complies with IE1540 and NPA 407.
- Simple Male NPT x Female NPT strainer adaptor for multipurpose uses in fluid transfer.

Strainer

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)
014024	3/4" NPT F x 3/4" NPT	1.5 (.8)

Construction

Body	Aluminum	
Strainer	Stainless Steel	
Inlet	3/4" (19mm) NPT threads	



Hewitt Aviation NPT Strainer AVIATION FUELING PRODUCTS

Strainer for over-the-wing fueling of aircraft.

Dimensions



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Rev 0 7/18



Loading Arms



SGA Loading Arm



The new Roman Seliger SGA Loading Arm is a safe and easy arrangement for transfer of liquid and gas products to tanker cars, tanker trucks, and vessels. This simple loading arm supports a loading transfer hose and allows for easy and safe movement of the transfer hose to and from the loading vehicle or car from a stowed position. Operator is not required to lift the hose. The loading arm supports all the weight. Any type of hose can be used with the SGA loading arm along with dry breaks, breakaways, or special attachment couplings.

- Special flexible joint mechanism makes it impossible for the loading arm radius to go below the minimum safe bending radius of the hose assembly and extends the life of hose.
- Eliminates wear and tear on hose cover and reduces operator injuries.
- Special spring or gas operated mechanisms can be added to allow operator to rise and lower arm with minimal effort.

- Lower maintenance time and cost.
- Lower risk of damage.
- Suitable for heavy or heated hoses and fittings.
- Maximum transfer rate.
- RS system meets highest safety requirements.
- Each SGA hose loading arm is made to measure for a particular application and conditions of use.

Components

Mounting brackets (wall, foot or other types)		
Hose loading arm		
Heading section (for top loading, bottom loading, etc.)		

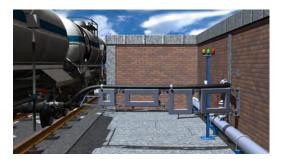
Couplings

Breakaway coupling	
Dry disconnect coupling	
Specialty hose to tanker, truck, or vessel connectors	

Construction

Material	Stainless steel 1.4301/1.4401, steel 1.0037 RAL 5002, steel 1.0037 galvanized
Nominal length	6 to 20 feet (2 to 6 meters)
Nominal width	1 to 4 inch (25 to 100 mm)
Bending radius	6 to 17.75 inches (150 to 450 mm)
Types	Top loading, bottom loading, and floor loading

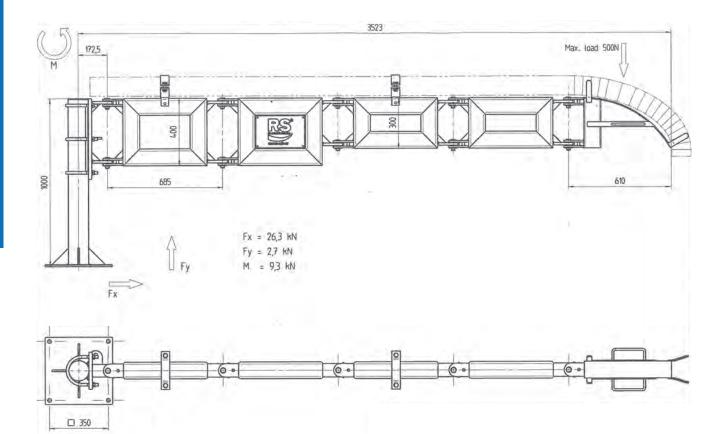




Husky/Hewitt is the Authorized US Rep for RS loading arms and couplings.



SGA Loading Arm







2325 Husky Way • Pacific, MO 63069 (800) 325-3558 • Fax (636) 825-7300 www.husky.com • sales@husky.com

MADE IN THE U.S.A.





LOGISTICS OPTIMIZATION





WE-008L Sensor



The WE-008L sensor is a wireless tank fill level monitoring device. This innovation features state-of-the-art measurement and communication technologies to enable logistical efficiency.

- Instant value through ease-of-use
- Military-grade lithium battery technology provides an extremely long battery life
- Global coverage partnerships with more than a hundred telecom operators globally to ensure growth
- Analytics offer at-a-glance graphs, alerts and reports



- Monitors non-combustible
 liquids including:
 - New or waste oil
 Diesel or biodiesel fuel
 Waste water
- Sensor and server software continuously improved; reliable, world-class technology

Specifications

DIMENSIONS	WEIGHT LBS
6.5" (H) x 4.7" (W)	1.3

Environmental

IP Rating: IP 69	
Operational temperature: -40°F/+175°F40°C/80°C	

Communication

2G/3G penta-band 850/900/1800/1900/2100 Mhz

Power

3.6V Lithium battery

Materials

Glass fiber reinforced polypropylene, proprietary polyurethane

Measurement

Up to 16 ft	
Accuracy +/- 0.4"	

Installation

1.5" and 2" NPT threads



LIQUID LEVEL SENSORS



WE-008L Sensor

The WE-008L sensor is a wireless tank fill level monitoring device. This innovation features state-of-the-art measurement and communication technologies to enable logistical efficiency.

Dimensions and System Options







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