PRODUCT CATALOG















GENERAL FUELING PRODUCTS

Table of Content

NOZZLES		3-0 Diesel Exhaust Fluid	
		DEF Stainless Steel	3-1
1-0 Conventional		DEF Polymer	3-2
Husky 1A		DEF X Nozzles	3-3
Metal Hand Guard	1-1	DEF X Low Volume Nozzles	3-4
Polymer Hand Guard	1-2		
Husky X		4-0 Truck and High Volume	
Standard	1-4	1690/1691	4-1
BSPP	1-5	1690 Cold Weather	4-2
Cold Weather	1-6	Husky 1HS	
Double Poppet	1-7	Aluminum Hand Guard	4-3
Sightglass	1-9	Polymer Hand Guard	4-4
EZ Lever PGH	1-27	Husky VIII	
WPHG PGH	1-44	Standard	4-5
Husky XS®		BSPP	4-6
Standard	1-10	Cold Weather	4-7
BSPP		VIII Nozzles	4-14
Cold Weather		VIII Cold Weather	4-16
Double Poppet		BSPP	4-20
MFM		Husky VIIIS	
Sightglass		Standard	4-8
PHG		BSPP	4-9
XS EZ Lever PGH		Cold Weather	4-10
XS MFM		Standard	4-15
XS EZ Lever Cold Weather PGH		Cold Weather	4-17
XS Cold Weather PGH		Husky 1HSS	
Bellows Splash Guard		Polymer Hand Guard	4-23
XS EZ Lever BSP PGH Sightglass		Metal Hand Guard	
	1 40	Cold Weather Polymer	
Husky Eco	1 22	Cold Weather Metal Hand Guard	
Enhanced Conventional	1-33		
Husky 1AS	4.00	5-0 Vapor Recovery	
Polymer Hand Guard		Husky V34	
Metal Hand Guard		Standard	5-4
Cold Weather Metal Hand Guard		Coax Nozzle	
Cold Weather Polymer Hand Guard	1-39	Double Poppet	
		ORVR Vacuum Assist	5-7
2-0 Farm and Commercial		Oltvit vacaalii Assist	3 /
Husky 1GS			
Aluminum Hand Guard			
Polymer Hand Guard			
Cold Weather	2-5		
Husky XFS			
Standard	2-4		
Husky 1GSS			
Polymer Hand Guard	2-8		
Metal Hand Guard	2-9		
Cold Weather Polymer	2-10		

Cold Weather Metal..... 2-11



GENERAL FUELING PRODUCTS

Husky V34i	10-0 Safe-T-Breaks
Standard	Conventional
Double Poppet 5-	9 Standard
Double Poppet / Cold Weather 5-1	0 MagBreak® 10-2
Husky V34iA	Farm & Commercial
Double Poppet 5-1	1 Standard
Husky 34iS	Truck & High Volume 10-4
Standard	•
Double Poppet 5-1	
Husky V34iSA	Truck and High Volume
Double Poppet 5-	
Husky V34iSK	Vapor Recovery
Double Poppet Sightglass 5-2	
	Vacuum Assist Standard STB 10-8
6-0 Ethanol Fueling	_ Vac Assist MagBreak®
X E25 6-	5 Inline STB
X E85 6-	1 Ethanol Fueling
XS E25 6-0	6 E85 STB
XS E25 Cold Weather 6-	8 E25 STB
XS E85 6-3	3 E25 51B
XS E85 Cold Weather 6-4	4 E25/E65 Waybreak
8-0 Whiskey Nozzles	11-0 Swivel / Safe-T-Break Combos
WN	Conventional 11-1
X WN	Truck & High Volume 11-3
1A WN	Inline Combo
VIII WN	1
1690 WN 8-!	12-0 Guaras
2000 1121	Nozzle and STB Guards 12-3
	Nozzle POPD™ Guards 12-2
ACCESSORIES	13-0 Spouts
9-0 Swivels	X and XS Spout Assembly 13-1
	1GS Spout Assembly
Conventional	DEF Spout Assembly 12-/
Standard	VIII and VIIIS Shout Assembly 13-5
Inline 9-2	V, V3 and V34 Spout Assembly 13-6
Farm & Commercial	E85 Spout Assembly 13-7
Standard	3
Truck & High Volume 9-4	14-0 Plessule/ vacuum vents
Vapor Recovery 9-	5 Standard
Truck & High Volume	CARB 14-2
High Volume 9-	
Ultra High Flow 9-	
Diesel Exhaust Fluid (DEF)	Nozzle Service Kit 15-1
DEF Swivel9-8	HCA Hose Conversion Adaptor 15-2
Ethanol Fueling	

E85 Swivel 9-9



GENERAL FUELING PRODUCTS

16-0 Flo-Equalizer™	
Conventional Systems	10.1
Husky 004490, 007490	16-1
Recovery Systems	
Husky 005827	16-1
Husky 005837	16-2
17-0 DEF Adaptors	
Stainless Steel Adaptors (007214, 007285,	
007356, 008413, 010579 and 010675, 011477	
and 012872)	17-1
Polymer Adaptors (010227, 010549, 010551	
and 010553)	17-1
HOSES	
18-0 Curb Hoses	
Curb Hoses	
EagleFlex® Hardwall	18-1
EagleFlex® Softwall	18-2
Flex® Wirebraid	18-3
Low Perm Hardwall Hose	18-7

Farm Fueling Hoses Premier	18-4
Farm Fueling Hoses	
Whip Hoses	18-5
Low Perm Whip Hose	18-8
DEF Dispensing Hoses	18-6
Fuel Oil Hose	18-9
E0-E85 Hose	18-10
19-0 EZ-Connect	
EZ-Connect	19-1



Table of Contents

1-0 OIL FILTER CRUSHERS	DEF Tank Gauges
C-4	with Jarhead 3-4
C-6	with Overfill 3-5
TT-12	007 with Jarhead
TT-25 1-4	007 with Overfill
Crusher Stands 1-5	Sentry with Jarhead 3-8
	Sentry with Overfill
2-0 Gauges	55 Drum Alert
Black Knight 2-1	55 Drum Alarm
Metric Black Knight 2-2	FNTM 55 Drum Alert
Red Fox	Kaltey Commander Tank Controller 3-13
Metric Red Fox	Kaltey Commander Wall Mount 3-14
Jarhead	•
Adjustable Jarhead 2-6	MK6 Tank Gauge 3-15
Overfill	4-0 Gauge Accessories
Leak Guard 2-8	AD110
Seasee Drum Gauge 2-9	
DEF Black Knight2-10	Remote Solenoid Valve System 4-2
Clearly Gauge LLG 2-11	Solenoid Valves 4-3
2.0 Marsh Courses and Alarma	Siren/Sensor/Strobes 4-4
3-0 Tank Gauges and Alarms	TM3 4-5
Gauges and Alarms	
007	
Sentry Tank Alarm 3-2	
Sentry Wall Mount	



Table of Contents

1-0 Aviation Fueling Hoses	
4113 Permanent Fitting	1-1
4113 Reusable Coupling	1-2
4113CT Permanent Cold Weather Fitting	1-3
2-0 JacRiser Fueling Hoses	
5500 JacRiser	2-1
3-0 Coupling Aviation Qualified Couplings	3-1
4-0 Protective Coils	
Spiral Casings	4-1
5-0 Deadman Hoses	
Twin 1/4" Hose	5-1
6-0 Sensing Hoses	
Twin 3/8" Hoses	6-1

7-0 Aviation Fueling Nozzles	
Osprey	7-1
Osprey S	7-2
9-0 Falcon Nozzle	
Falcon Manual	9-1
Falcon Quick Disconnect	9-2
10-0 Swivels	
Aviation Swivel	10-1
11-0 Aviation Spouts	
Falcon Spout Assembly	11-1
12-0 Aviation Strainer	
Aviation NPT Strainer	12-1



Table of Contents

1-0 Loading Arms	
Hose Loading Arm	1-1



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 SHIPPING WEIGH	HT 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 Waffle Splash Guard 3.3 (1.4	
696172N^	with Three Notch Hold Open Clip, Waffle Splash Guard and Reducer Bushing 3.3 (1.4)	
691209N^	with Three Notch Hold Open Clip and Reducer Bushing	3.3 (1.4)
	·	,

^ NOT LISTED

New Unleaded Nozzles with BSPP

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 WEI	GHT LBS (KG)
696103N^	with Three Notch Hold Open Clip	3.4 (1.5)
696107	without Hold Open Clip	3.4 (1.5)
696173N^	with Three Notch Hold Open Clip, Waffle Splash Guard at Reducer Bushing	nd 3.4 (1.5)
1411303N^	with Two Notch Hold Open Clip, EZ Lever and Full Grip Guard	3.4 (1.5)
6961208N^	with Three Notch Hold Open Clip and Reducer Bushing	3.4 (1.5)
		^ NOT LISTED

New Light Duty Diesel Nozzles with BSPP

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)
		^ NOT LISTED

Construction

I PM

GPM

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	1" / 25.4 mm NPT and BSPP	









WIDE OPEN FLOW



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

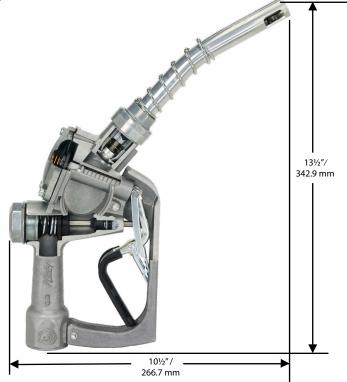
MODEL NO.	DESCRIPTION	
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®	
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®	
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex	

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







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
- 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)
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	Splash Guard 3.3 (1.4)
209872N^	with Three Notch Hold Open Clip, Waffle Sp Reducer Bushing	lash Guard and 3.3 (1.4)
2098114N^	with Three Notch Hold Open Clip and Spout	Plug 3.3 (1.4)
1426404N^	with Two Notch Hold Open Clip, EZ Lever ar	d Full Grip Guard 3.4 (1.5)
2098209N^	with Three Notch Hold Open Clip and Red	ucer Bearing 3.3 (1.4)
209843N^	with Single Notch Hold Open Clip	3.3 (1.4)
		^ NOT 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 LICTED

New Light Duty Diesel Nozzles with NPT

MODEL	DESCRIPTION	SHIPPING WEIGHT	LBS (KG)
209803N^	with Three Notch Hold Open Clip		3.4 (1.5)
209807	9807 without Hold Open Clip		3.4 (1.5)
209861N^	with Three Notch Hold Open Clip and Waffle Splash Guard		3.4 (1.5)
1426403N	1426403N^ with Two Notch Hold Open Clip, EZ Lever and Full Grip Guard 3.4 (1.		
2098208N′	2098208N [^] with Three Notch Hold Open Clip and Reducer Bushing 3.4		3.4 (1.5)
2098238^	with Single Notch Hold Open Clip		3.4 (1.5)
		^	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











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

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
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

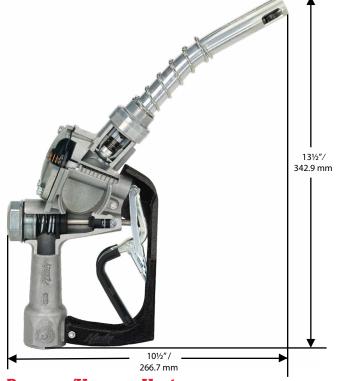
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

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





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 WEIG	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)
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)
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 WEIGH	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)
159463N^	with Three Notch Hold Open Clip and Waffle Splash Guard	2.8 (1.3)
159467	without Hold Open Clip, with 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 Splash Guard	2.8 (1.3)
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













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	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	







- 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.
- 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 WE	IGHT LBS (KG)
159416N^	with Three Notch Hold Open Clip	3.0 (1.3)
E159416N^	with Three Notch Hold Open Clip	3.0 (1.3)
E159416A*	with Three Notch Hold Open Clip - Atex	3.0 (1.3)
E538498N^	with Three Notch Hold Open Clip, Double Poppe Waffle Splash Guard and POPD® Mate Guard	et, 3.0 (1.3)
159420	without Hold Open Clip	3.0 (1.3)
E159420	without Hold Open Clip	3.0 (1.3)
		A NOT LICTED

NOT LISTED

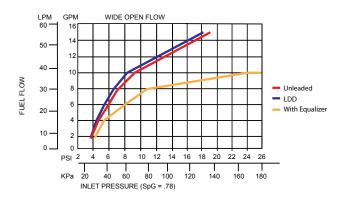
New Light Duty Diesel Nozzles

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 a	and Flo-Equalizer®
	- Atex	3.1 (1.4)
E538499N^	with Three Notch Hold Open Clip,	Double Poppet,
	Waffle Splash Guard and POPD® Ma	ate Guard 3.1 (1.4)
159419	without Hold Open Clip	3.1 (1.4)
E159419	without Hold Open Clip	3.1 (1.4)

^ NOT LISTED

CONSTRUCTION

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









II 1 G EN 13012







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	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	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

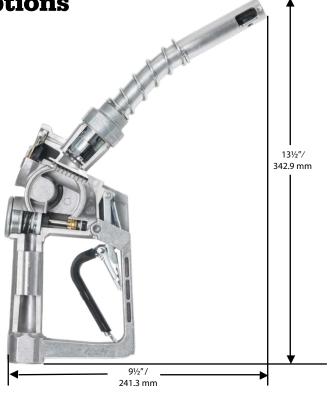
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

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

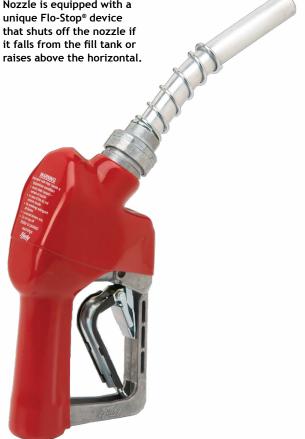
MODEL NO.	DESCRIPTION
003376	Black Handle Cover
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD® EZH Nozzle Guard
008175	POPD® EZS Nozzle Guard
007999	POPD® H Clear Cover
008185	POPD® H Full Grip Guard
008192	POPD® H Full Grip 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







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



New Unleaded Nozzles

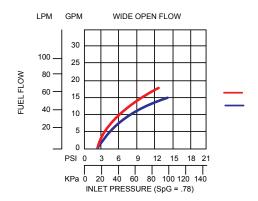
MODEL NO.	DESCRIPTION SHIPPING WEIG	GHT LBS (KG)
498404N^	with Three Notch Hold Open Clip	3.0 (1.3)
498408	without Hold Open Clip	3.0 (1.3)
498462N^	with Three Notch Hold Open Clip and Waffle Splas	h
	Guard	2.7 (1.2)
498466	without Hold Open Clip, with Waffle Splash Guard	2.7 (1.2)
		^ NOT LISTED

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)
4984134	without Hold Open Clip, with Waf	fle Splash Guard,
	and StreamShaper®	2.8 (1.2)
		^ 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











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	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®

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

- 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



New Unleaded Nozzles with NPT

MODEL NO.	DESCRIPTION SH	IIPPING WEIGHT LBS (KG)
538424N^	with Three Notch Hold Open Clip and	Sightglass 3.1 (1.4)
538476N^	with Three Notch Hold Open Clip and Waffle Splash Guard	3.1 (1.4)
		^ NOT LISTED

New Light Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
5384135N^	with Three Notch Hold Op StreamShaper®	pen Clip and 3.1 (1.4)
		^ NOT LISTED

New Unleaded Nozzles with BSPP

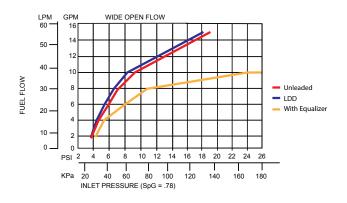
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
538416N^	with Three Notch Hold Open Clip	3.1 (1.4)
E538416A*	with Three Notch Hold Open Clip	- Atex 3.1 (1.4)
E538420	without Hold Open Clip	3.1 (1.4)
		^ NOT LISTED

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)
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









II 1 G EN 13012 TYPE 1







X DP 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	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
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

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

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
op®	003795	Mate Guard
Stop® with StreamShaper®	008176	POPD® EZH Nozzle Guard
t Flo-Stop®	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
2325 Husky Way • Pacific	c, MO 6306991808	Waffle Splash Guard



(800) 325-3558 • Fax (636) 825-7300

www.husky.com • sales@husky.com



ightglass Nozzles



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.



New Unleaded Nozzles

MODEL NO.	DESCRIPTION SH	IIPPING 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 Pop	oet 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	l Waffle Splash
	Guard	3.0 (1.3)
		ANOTHER

^ NOT LISTED

New Light Duty Diesel Nozzles

MODEL NO.	DESCRIPTION SHIPPING WEIGHT	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

Body	,	С	One piece die cast aluminum										
Seals	S	F	Fluorocarbon										
Pack	ing	D	Double o-ring seal protected by fiber reinforced Teflon®										
Leve	r	С	One piece contoured steel with hard plastic cover										
Inlet	: LPM	3/. GPM	4" / 1			IPT							
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FUEL FLOW	30 —	8 -	+		4		+	+	\Box	4	+	4	Unleaded
FUEL	20 —	6 -					1				t	1	LDDWith Equalizer
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X Sightglass 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	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

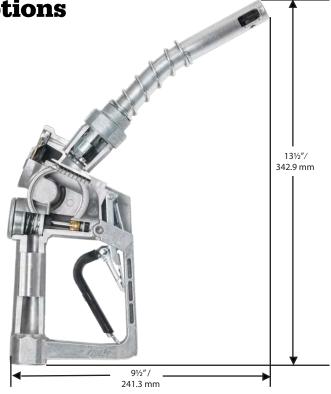
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

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 Guard





Nozzles

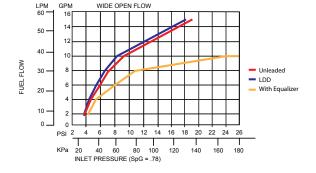


Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

- 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.
- Optional EZ Lever:
- two piece design cuts opening force in half
- easier "to-the-penny" dispensing
- ADA compliant





New Unleaded Nozzles

MODEL	DESCRIPTION SHIPPING WEIGH	T LBS (KG)
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)
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)
159582	with Three Notch Hold Open Clip and Drip Less Spout	3.0 (1.3)
159595	with Three Notch Hold Open Clip, POPD® S and Waffle Splash Guard	3.1 (1.4)
1302704	with Three Notch 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)
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®	3.1 (1.4)
1595239	with Single Notch Hold Open Clip	3.1 (1.4)
1120559	with Two Notch Hold Open Clip, EZ Lever and Waffle Splash Guard	3.1 (1.4)
E159559	with Three Notch Hold Open Clip, Mate Guard and Waffle Splash Guard	3.1 (1.4)
	^	NOT LISTED

New Light Duty Diesel Nozzles

MODEL	DESCRIPTION SHIPPING WEIGH	T LBS (KG)
159503	with Three Notch Hold Open Clip	3.1 (1.4)
E159503	with Three Notch 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®	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)
159578	with Three Notch Hold Open Clip and Waffle Splash Guard	3.3 (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)
1595135	with Three Notch Hold Open Clip	3.1 (1.4)
1595211	with Three Notch Hold Open Clip, Waffle Splash Guard and Drip Less Spou	t 3.1 (1.4)
1595225	with Two Notch Hold Open Clip and Waffle Splash Guard	3.1 (1.4)
1595238	with Single Notch Hold Open Clip	3.1 (1.4)
11205109	w/o Hold Open Clip, with EZ Lever, POPD®S and Waffle Splash Guard	3.1 (1.4)
E159503N	with Three Notch Hold Open Clip and Mate Guard	3.1 (1.4)
	۸	NOT LISTED

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











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	34" M NPT Multi-Plane Swivel connected to 34" F NPT Reconnectable Safe-T-Break®

Spouts

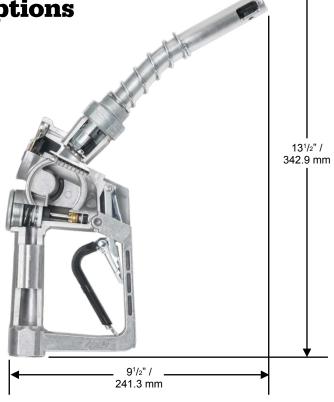
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

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
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

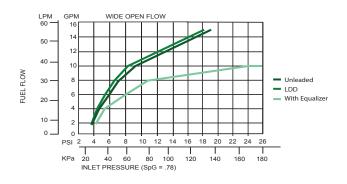
MODEL NO.	DESCRIPTION S	SHIPPING WEIGHT LBS (KG)
159516	with Three Notch Hold Open Clip	3.0 (1.3)
159516A*	with Three Notch Hold Open Clip -	Atex 3.0 (1.3)
E159516N^	with Three Notch Hold Open Clip	3.0 (1.3)
E159516	with Three Notch Hold Open Clip	3.1 (1.4)
159520	without Hold Open Clip	3.0 (1.3)
E159520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

New Light Duty Diesel Nozzles

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®
Lever	One piece polymere
Inlet	¾" / 19.1 mm BSPP









II 1 G EN 13012







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

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:
- 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.

New Unleaded Nozzles

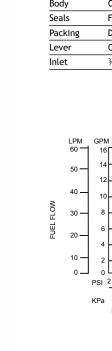
MODEL NO.	DESCRIPTION SHIPPING	G WEIGHT LBS (KG)
498104	with Three Notch Hold Open Clip	3.1 (1.4)
498108	without Hold Open Clip	3.1 (1.4)
498162	with Three Notch Hold Open Clip and Waffle Splash Guard	e 3.0 (1.3)
498166	without Hold Open Clip, with Waffle Splash	Guard 3.0 (1.3)
498195	with Three Notch Hold Open Clip, POPD® S Waffle Splash Guard	and 3.0 (1.3)

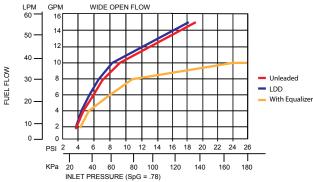
New Light Duty Diesel Nozzles

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 Guard	and Waffle Splash 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, Waffle Splash Guard	POPD® S and 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®
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	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	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®	

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	¼" M NPT Multi-Plane Swivel connected to ¼" F NPT Reconnectable Safe-T-Break®	

Spouts

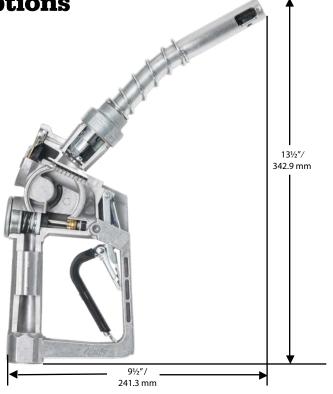
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

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



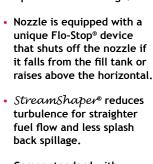




Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

- 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.

 Comes standard with smooth full grip guard.



New Unleaded Nozzles with NPT

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

New Light Duty Diesel Nozzles with NPT

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

New Unleaded Nozzles with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
539632A*	with Three Notch Hold Open Clip	p and Sightglass - Atex 3.1 (1.4)
E539687	with Three Notch Hold Open Cli and Mate Guard	p Flo-Equalizer® 3.1 (1.4)
E539620	without Hold Open Clip	3.1 (1.4)

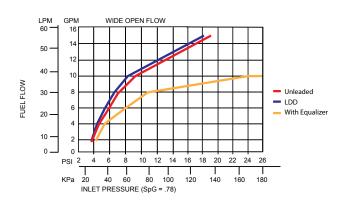
New Light Duty Diesel Nozzles wih BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	ΓLBS (KG)
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®
Lever	One piece contoured steel with hard plastic cover
Inlet	¾" / 19 mm NPT or BSPP











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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®
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
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	34 " M x 34 " F BSPP 90 $^{\circ}$ Pump Swivel - Atex

Swivel/Safe-T-Break® Combos

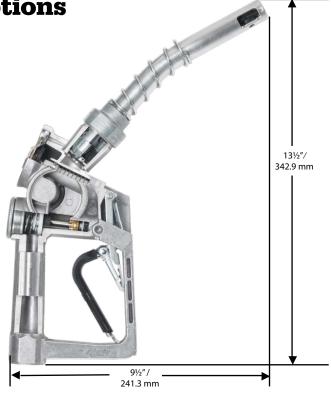
MODEL NO.	DESCRIPTION
006310	34" M NPT Multi-Plane Swivel connected to 34" F NPT Reconnectable Safe-T-Break®
007085	¾" M BSPP Multi-Plane Swivel connected to ¾" F BSPP Reconnectable Safe-T-Break®
007085A	34" M BSPP Multi-Plane Swivel connected to 34" F BSPP Reconnectable Safe-T-Break® - Atex

Accessories, Testing and Maintenance

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





S[®] MFM Noz



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 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 Red Lenticular Lens	d VSG, Sightglass and 3.0 (1.3)
E159560	with Three Notch Hold Open Clip Waffle Splash Guard	o, Mate Guard and 3.3 (1.4)

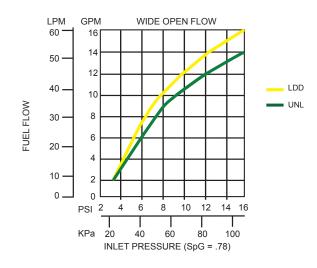
New Light Duty Diesel Nozzles

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®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT













S[®] MFM <mark>Noz</mark>

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





XS[®] Sightglass Nozzles



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

- · 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.



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

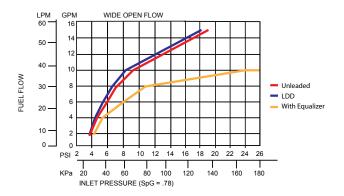
New Light Duty Diesel Nozzles

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)

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" / 19.1 mm NPT













XS[®] Sightglass 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	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	





X EZ Lever PHG Nozzles



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
- 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

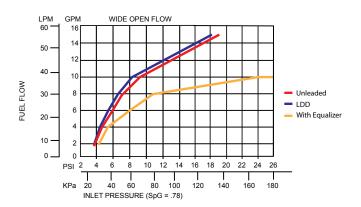
MODEL NO.	DESCRIPTION	SHIPPING WEIG	HT LBS (KG)
1163404N	with Two Notch Hold Open Clip		3.0 (1.4)
116342535	without Hold Open Clip, with POPD Splash Guard	® S and Waffle	3.0 (1.4)
13458119N^	with Two Notch Hold Open Clip and	I POPD® H	3.0 (1.4)
13458214N^	with Two Notch Hold Open Clip, Lo Excessive Heat Resistance	ng Spout and	3.0 (1.4)
1163466	without Hold Open Clip, with Waffl	e Splash Guard	3.0 (1.4)
11634124	without Hold Open Clip, with POPD Splash Guard	® H and Waffle	3.0 (1.4)
			^ NOT LISTED

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











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	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

DESCRIPTION	
4" M NPT Multi-Plane Swivel connected to 4" F NPT Reconnectable Safe-T-Break®	
4	

Spouts

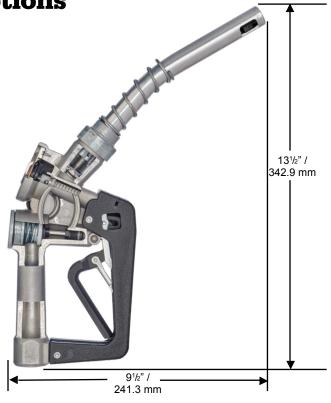
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

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





® PHG Nozzles



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

New Unleaded Nozzles

MODEL	DESCRIPTION SHIPPING	WEIGHT LBS (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 Splash Guard	3.0 (1.3)
1219395	with Three Notch Hold Open Clip, POPD® S and Waffle Spla	ash Guard 3.0 (1.3)
E1219359	with Three Notch Hold Open Clip, Waffle Splash Guard and Mate Guard	3.0 (1.3)
1595220	with One Notch Hold Open Clip, Waffle Splash Guard, and	
	Drip Less Spout	3.0 (1.3)
		^ NOT LISTED

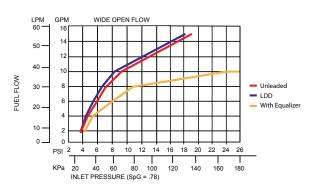
New Light Duty Diesel Nozzles

DESCRIPTION SHIPPING WEIGH	SHIPPING WEIGHT LBS (KG)	
with Three Notch Hold Open Clip	3.1 (1.4)	
with Three Notch Hold Open Clip and Waffle Splash Guard	3.1 (1.4)	
with Three Notch Hold Open Clip, POPD® S and Waffle Splash Gua	ard 3.0 (1.3)	
with Three Notch Hold Open Clip, Waffle Splash Guard		
and Mate Guard	3.0 (1.3)	
	with Three Notch Hold Open Clip with Three Notch Hold Open Clip and Waffle Splash Guard with Three Notch Hold Open Clip, POPD® S and Waffle Splash Guard with Three Notch Hold Open Clip, Waffle Splash Guard	

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













XS® 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	3/4" M NPT Multi-Plane Swivel connected to
	34" F NPT Reconnectable Safe-T-Break®

Spouts

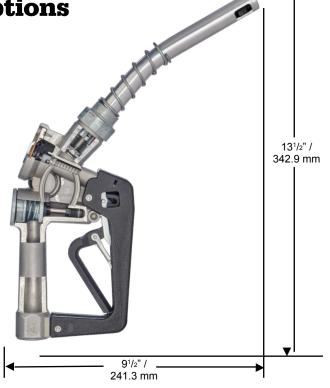
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

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
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





XS[®] EZ Lever PHG Nozzles



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



New Unleaded Nozzles

MODEL	DESCRIPTION SHIPPING WEIGHT I	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)

^NOT LISTED

New Light Duty Diesel Nozzles

MODEL	DESCRIPTION SHIPPING WEIGHT	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 Guard	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)
	ANC	ר דופידים

^NOT LISTED

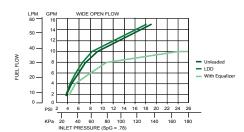
CONSTRUCTION

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











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	3/4" M NPT Multi-Plane Swivel connected to	
	34" F NPT Reconnectable Safe-T-Break®	

Spouts

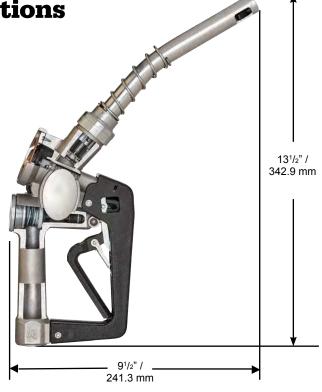
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

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
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.

- 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 C	
	Spout	2.8 (1.3)
1190408	without Hold Open Clip, wit	h EZ Lever and Drip Less
	Spout	2.8 (1.3)
11904180	with Two Notch Hold Open C	lip, EZ Lever, Drip Less
	Spout and Flo-Equalizer®	2.8 (1.3)

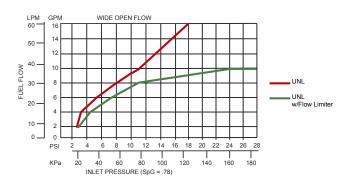
New Cold Weather Unleaded Nozzles

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













Enhanced Conventional

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®

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

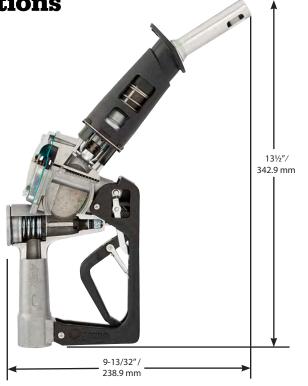
MODEL NO.	DESCRIPTION
013664	Unleaded ECO Spout Assembly Kit

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
005041	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







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 Reduc	er Bushing 3.3 (1.4)

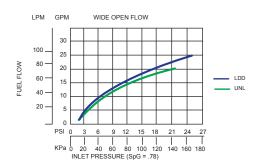
New Light Duty Diesel Nozzles with NPT

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 Waffle Splash G	uard 3.4 (1.5)
12159208	with Three Notch Hold Open Clip and Reducer Bushing	g 3.4 (1.5)
12159208	with Three Notch Hold Open Clip, Waffle Splash Guard	d
	and Drip Less Spout	3.4 (1.5)
E1215903	with Three Notch Hold Open Clip and Mate Guard	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













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

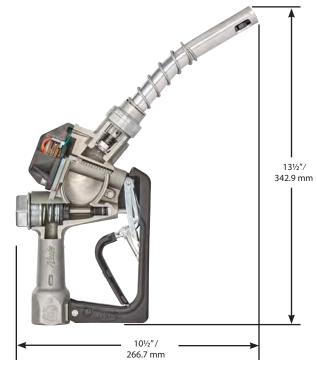
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

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 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)

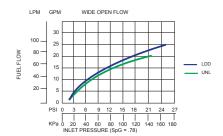
New Light Duty Diesel Nozzles with NPT

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













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

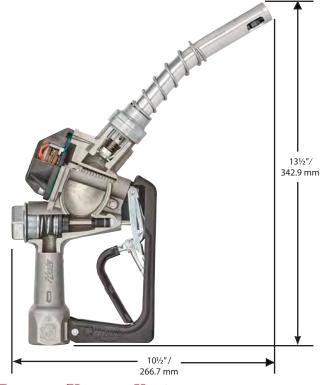
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

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







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 a captive fastener to prevent tip-end sensor

- · 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)

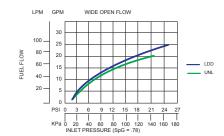
New Light Duty Diesel Nozzles with NPT

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

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













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

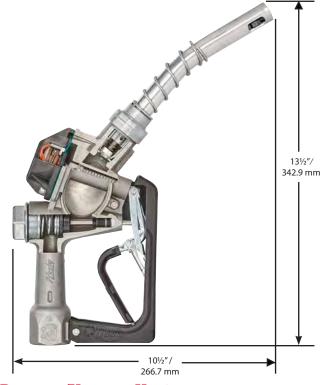
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

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







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

- 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)

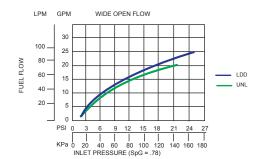
New Light Duty Diesel Nozzles with NPT

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

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	













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

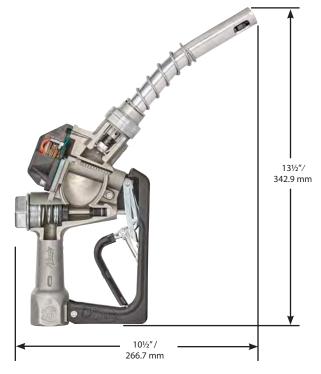
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

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





XS[®] MFM PHG Nozzles



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

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

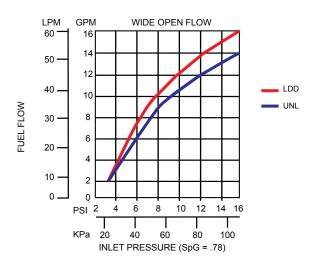
New Light Duty Diesel Nozzles

MODEL NO	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1163560	with Two Notch Hold Open Clip, Waffle Splash Guard	
	and EZ Lever	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





XS® EZ Lever CW PHG Nozzles



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
- 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.



MODEL	DESCRIPTION SI	HIPPING WEIGHT LBS (KG)
1396804	with Two Notch Hold Open Clip	3.1 (1.4)
1396866	without Hold Open Clip, with Waffle Splas	h Guard 3.1 (1.4)
E1396804	with Two Notch Hold Open Clip and Mate O	Guard 3.1 (1.4)

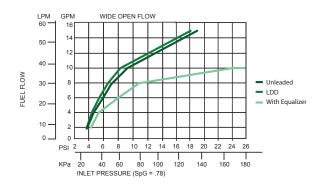
New Light Duty Diesel Nozzles

MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1396803	with Two Notch Hold Open Clip	3.1 (1.4)
1396867	without Hold Open Clip, with Waffle Spla	ash Guard 3.1 (1.4)
E1396803	with Two Notch Hold Open Clip and Mate	Guard 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













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®

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
	34" F NPT Reconnectable Safe-T-Break®

Spouts

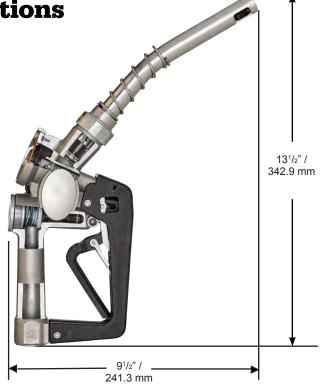
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

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
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





XS[®] CW PHG Nozzles



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.
- · 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 (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	ıard	3.1 (1.4)

New Light Duty Diesel Nozzles

MODEL	DESCRIPTION	SHIPPING WEIGH	ΓLBS (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

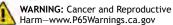
Body	Die cast aluminum with polymer handguard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	Polymer lever, one piece
Inlet	3/4" / 19.1 mm NPT













XS® CW 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

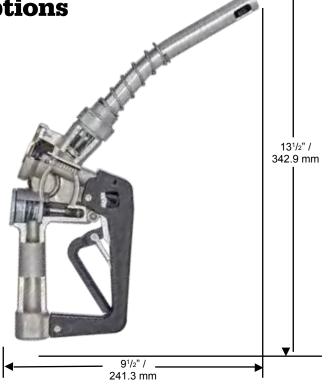
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

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





X WPHG PHG Nozzles



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.

mate guard.

· Comes standard with

- 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 Magnetic Hand Guard	and 3.0 (1.4)
		^ NOT LISTED

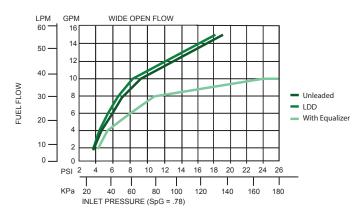
New Light Duty Diesel Nozzles

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









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	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®
008330	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
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

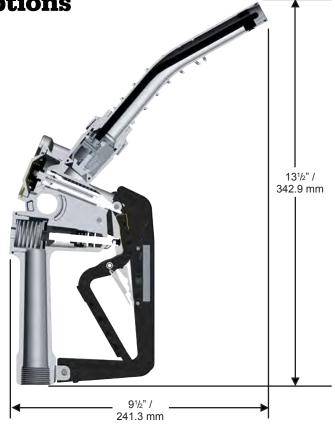
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®

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





XS[®] Bellows Splash Guard Nozzles



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
 - requires 1/2 the force to open nozzle.
 - ADA compliant.

New Unleaded Nozzles

MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
11635248	with Two Notch Hold Open Clip, Veg. Splas	sh 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. 9	
	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













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®

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	3/4" 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





XS[®] EZ Lever BSP PHG Sightglass



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 Light Duty Diesel Nozzles

^NOT LISTED

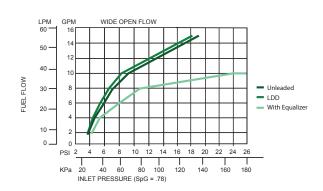
MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
E11635272	with Two Notch Hold Open Clip	3.1 (1.4)

^NOT LISTED

CONSTRUCTION

Body Die cast aluminum with polymer handguard		
SealsFluorocarbon		
Packing	Double o-ring seal protected by fiber reinforced Teflon®	
LeverPolymer lever		
Inlet 3/4" / 19 mm BSP		













XS[®] EZ Lever BSP PHG Sightglass

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	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
003590W	¾" M x ¾" 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
	34" F BSPP Reconnectable Safe-T-Break®

Spouts

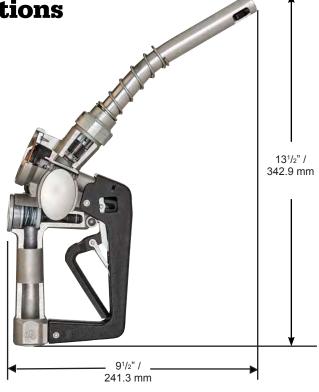
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

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







Farm & Commercial 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.
- 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.
- · Heavy duty, long lasting 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 and Hook 3.6 (1.6)
6962209N^	with Three Notch Hold Open Clip, Hook, and Reducer	
	Bushing	3.6 (1.6)
		^ NOT LISTED

Unleaded Nozzles with BSPP

MODEL NO.	DESCRIPTION SHIP	PPING WEIGHT LBS (KG)
696216N^	with Three Notch Hold Open Clip and I	Hook 3.6 (1.6)
		^ NOT LISTED

Light Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGH	T LBS (KG)
696203N^	with Three Notch Hold Open Clip	and Hook	3.6 (1.6)
6962208N^	with Three Notch Hold Open Clip	, Hook and Reducer	
	Bushing		3.6 (1.6)
		۸	NOT LISTED

Light Duty Diesel Nozzles with BSPP

MODEL NO.	DESCRIPTION	SHIPPING W	EIGHT LBS (KG)
696215N^	with Three Notch Hold Open Cli	p and Hook	3.6 (1.6)
			^ NOT LISTED

Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG))
696210N^	with Three Notch Hold Op	en Clip and Hook 3.6 (1.6))
		^ NOT LISTED	5

Heavy Duty Diesel Nozzles with BSPP

MODEL NO.	DESCRIPTION	SHIPPING V	VEIGHT LBS (KG)
696238N^	with Three Notch Hold Open Cl	ip and Hook	3.6 (1.6)
			^ NOT LISTED

Construction

FUEL FLOW

60 -

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

INLET PRESSURE (PSI) 20 40 60 80 100 120 140 160 180 200 220 240

INLET PRESSURE (SpG = .78)

HIGH FLOW DIESEL

 LIGHT DUTY DIESEL UNLEADED













1GS Nozz

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

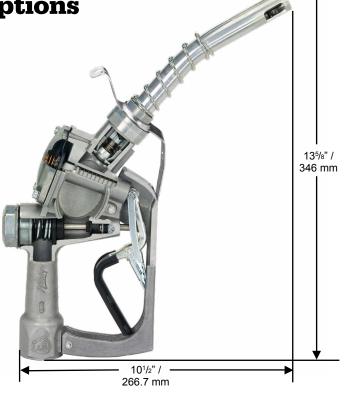
MODEL NO.	DESCRIPTION
005969	1" M NPTF Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

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



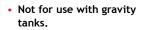


1GS Nozzles



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.





New Unleaded Nozzles with NPT

MODEL NO. DESCRIPTION SHIPPING WEIGHT LBS (SHIPPING WEIGHT LBS (KG)
045704N^	with Three Notch Hold Open Clip and	Hook 3.6 (1.6)
045708	without Hold Open Clip and Hook	3.6 (1.6)
0457209N^	with Three Notch Hold Open Clip, Hoc	ok 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 Hook 3.6 (1		ok 3.6 (1.6)
045720	without Hold Open Clip with Hook	3.6 (1.6)
		A NOT LICTED

New Light Duty Diesel Nozzles with NPT

MODEL NO. DESCRIPTION		SHIPPING WEIGHT LBS (KG)
045703N^	with Three Notch Hold Open Clip and H	ook 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		SHIPPING WEIGHT LBS (KG)
045715N^	with Three Notch Hold Open Clip and Hoo	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 a	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 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

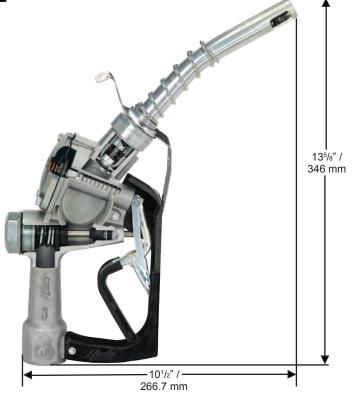
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

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

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

Cultur	
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







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	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 Hoo	k 2.9 (1.3)
		^ NOT LISTED

New Light Duty Diesel Nozzles with NPT

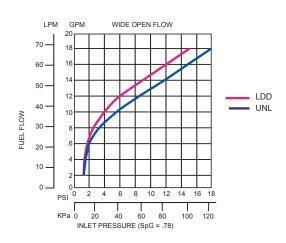
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
337003N^	with Hold Open Clip and Hook	3.2 (1.4)
337007	without Hold Open Clip and Hook	3.2 (1.4)
503403N^	with Hold Open Clip without Hook	3.6 (1.6)
		A NOT LISTED

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

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 & BSPP











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

Swivel • Safe-T-Break® Combos

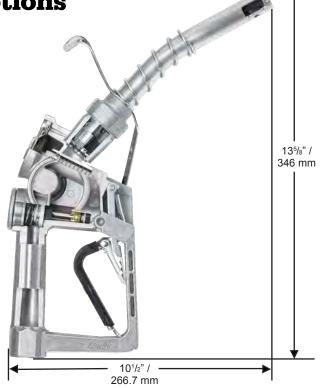
MODEL NO	DESCRIPTION
006310	¾" M NPT Multi-Plane Swivel connected to
	¾" F NPT Reconnectable Safe-T-Break®
007085	3/4" M BSPP Multi-Plane Swivel connected to
	¾" F BSPP Reconnectable Safe-T-Break®
007085A	¾" M BSPP Multi-Plane Swivel connected to
	¾" F BSPP Reconnectable Safe-T-Break® - Atex

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







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 legal for retail dispensing applications.
- · Contains a poppet disc seal, rated at -40° F/C to prevent fuel leakage from the main seal in extreme cold weather.

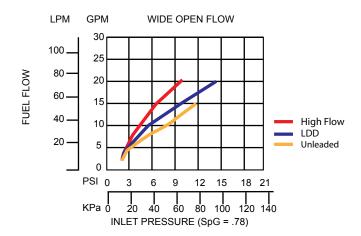
New Heavy Duty Diesel Nozzles with NPT

MODEL NO	. DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1096210N^	with Three Notch Hold Open Clip and Ho	ook 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	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 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

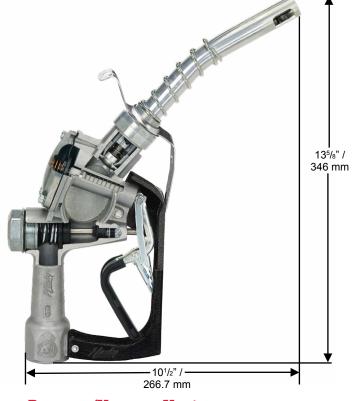
MODEL NO.	DESCRIPTION	
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®	
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®	
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex	

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

MODEL NO.	DESCRIPTION
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
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







Pressure activated, automatic shut-off nozzle with polymer 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 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)	
1216504	with Three Notch Hold Open Clip and H	ook 3.6 (1.6)	

New Light Duty Diesel Nozzles with NPT

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

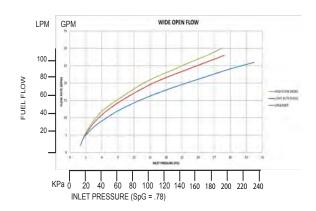
New Heavy Duty Diesel Nozzles with NPT

MODEL NO. DESCRIPTION		SHIPPING WEIGHT LBS (KG)
1216510	with Three Notch Hold Op	en 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	













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®

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

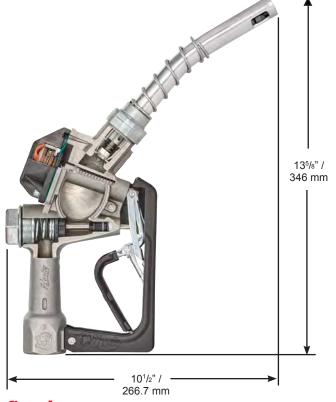
MODEL NO.	DESCRIPTION	
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®	
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®	
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex	

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	







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

- · 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 W	EIGHT 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)

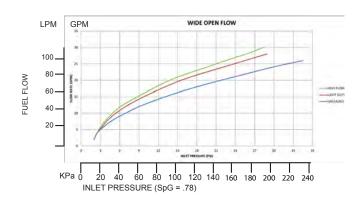
Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEI	GHT LBS (KG)
1216810	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®
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

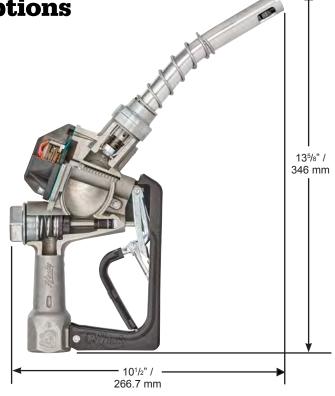
MODEL NO.	DESCRIPTION
005969	1" M NPTF Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

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





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.

- 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.

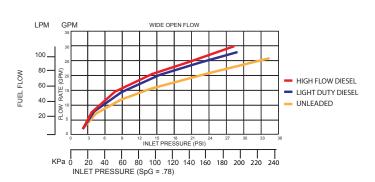
New Heavy Duty Diesel Nozzles with NPT

1399510 with Three Notch Hold Open Clip and Hook without Flo-Stop® 3.6 (KG)	MODEL NO.
	1.6)	1399510 v

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













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

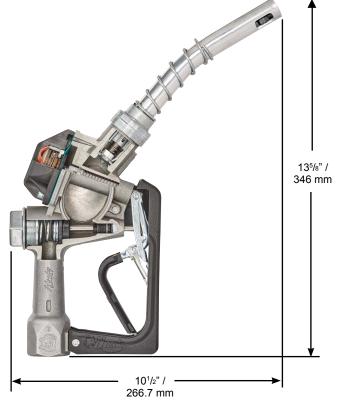
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

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

duaras	
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







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 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.

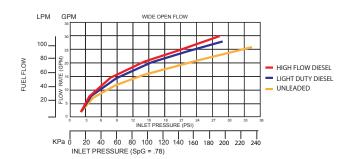
Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEI	GHT LBS (KG)
1399710	with Three Notch Hold Open C	lip 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













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

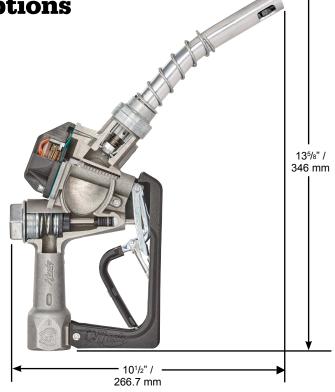
MODEL NO.	DESCRIPTION
005969	1" M NPTF Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

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







Diesel Exhaust Fluid Nozzles



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 LBS (KG)
731004N^	with Two Notch Hold Open Clip; without Spout Ring and magnetic A	ccufuel® Spout 4.6 (2.1)
731088N^	with Two Notch Hold Open Clip and without magnetic Accufuel® Spout	I Spout Ring; 4.6 (2.1)
731091N^	with Two Notch Hold Open Clip, Spand magnetic Accufuel® Spout	out Ring 4.6 (2.1)
1043691N^	with Two Notch Hold Open Clip, Sp. Accufuel® Spout, and Waffle Guard	
7310192N^	with Two Notch Hold Open Clip, Sp Grounding Cable and Spout Cap, wi Accufuel® Spout	

DEF Nozzles with M34

^ NOT LISTED

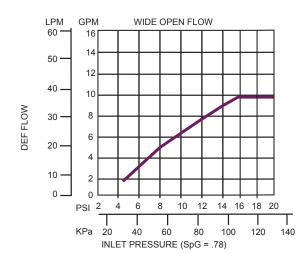
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1043691N^	with Two Notch Hold Oper Accufuel® Spout, and Waf	n Clip, Spout Ring, magnetic fle Guard 4.6 (2.1)

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













DEF 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®
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 DEF Nozzle



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.
- durability.

- · Available with magnetic Accufuel® safety feature.
- · Lower lever force.
- · Flow characteristics of nozzle reduces crystallization of DEF.
- · Complies with ISO Standard 22241-2:2006.

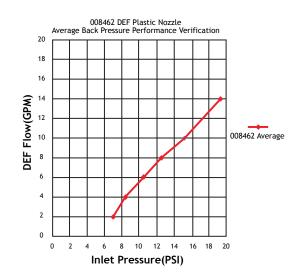


New Polymer DEF Nozzle with 1" BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
873504N^	with Two Notch Hold Open Clip w magnetic Accufuel® Spout	without Spout Ring and 1.53 (0.7)
873508	without Two Notch Hold Open Cl magnetic Accfuel® Spout	ip, Spout Ring and 1.53 (0.7)
873588N^	with Two Notch Hold Open Clip a magnetic Accufuel® Spout	and Spout Ring, without 1.53 (0.7)
873591N^	with Two Notch Hold Open Clip, Accufuel® Spout	Spout Ring and magnetic 1.53 (0.7)
8735153	without Two Notch Hold Open Cl Spout, with Spout Ring	ip and magnetic Accufuel® 1.53 (0.7)
1202991N	with Two Notch Hold Open Clip, Accufuel® Spout, and Gilbarco M	
1307791N^	with Two Notch Hold Open Clip, Accufuel® Spout, without Spout	
		^ NOT LISTED

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 DEF Nozzle

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

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



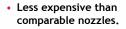


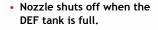
X DEF Nozzle

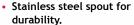


Automatic shut-off Diesel Exhaust Fluid (DEF) nozzle for full-service and self-service stations.

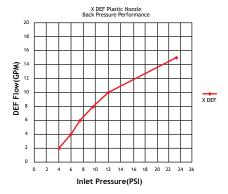
- Lighter than stainless steel nozzles.
- Streamshaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Flow characteristics of nozzle reduces crystallization of DEF.
- · Complies with ISO Standard 22241-2:2006.













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

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, Magnetic Accufuel® Spout	Spout Ring and 3.0 (1.3)
11676154N	with Three Notch Hold Open Clip	3.0 (1.3)
11676180N	with Three Notch Hold Open Clip v Guard	without Waffle 3.0 (1.3)
11676190N	with Three Notch Hold Open Clip a	and Long Spout 3.0 (1.3)
12150154N	with Three Notch Hold Open Clip a Hand Guard	and Gilbarco Magnetic 3.0 (1.3)
1215091N	with Three Notch Hold Open Clip, Accufuel® Spout and Gilbarco Magr	1 3, 3
12964154N	with Two Notch Hold Open Clip, EZ Magnetic Hand Guard without Spor	
12970154N	with Three Notch Hold Open Clip a Hand Guard	and Wayne Magnetic 3.0 (1.3)
13410204N	with Two Notch Hold Open Clip, Ez Spout Groove	Z Lever, without 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, Magne Accufuel® Spout and Gilbarco Magnetic Hand Guard	tic 3.0 (1.3)
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





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	
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	
012604	3/4" M x 3/4" F NPT Roller Bearing Inline Swivel	

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007522	3/4" BSPP Seal Kit Assembly
013285	with StreamShaper®
013286	with Spout Ring and Magnetic Accufuel® Safety Feature
015319	with Long Spout and StreamShaper®

Swivel/Safe-T-Break® Combos

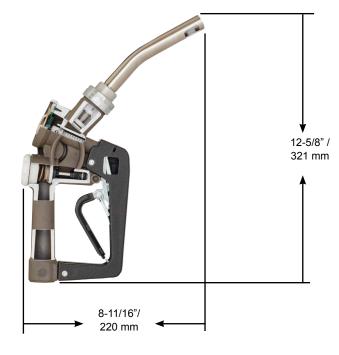
MODEL NO.	DESCRIPTION
012828	3/4" BSP M Multi-Plane Swivel connected to 3/4" BSP F Reconnectable Safe-T-Break®
012831	3/4" NPT M Multi-Plane Swivel connected to 3/4" NPT F Reconnectable Safe-T-Break®
012887	3/4" BSP M Multi-Plane Swivel connected to 1" BSP F Reconnectable Safe-T-Break®
012890	3/4" BSP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

Guards

MODEL NO.	DESCRIPTION	
007361	Handle Cover (Black)	
002138	Full Nozzle Guard	
008547	Mate Nozzle Guard	
014114	International Mate Nozzle Guard	
001808	Waffle Splash Guard	

Gilbarco Magnetic **Hand Guard**











X DEF Low Volume Nozzle



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

- Lighter than stainless steel nozzles.
- Spout is designed to protect against misfilling into the diesel tank, dispensing of DEF is only possible in conjunction with filling points to ISO 22241-5.
- Less expensive than comparable nozzles.
- Nozzle shuts off when the DEF tank is full.

- Flow characteristics of nozzle reduces crystallization of DEF.
- Complies with ISO Standard ISO 22241-5;2019(E).
- Maximum flow rate
 2.6 gpm (10 Lpm).

New X DEF Nozzle with 1" BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
*15948275A	with One Notch Hold Open Clip, EZ Lever and Gilbarco	
	Magnetic Hand Guard without S	pout Groove 3.0 (1.3)

New X DEF Nozzle with M34

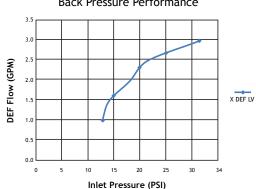
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
15948276N^	with One Notch Hold Open Clip, EZ Lever and Gilbarco	
	Magnetic Hand Guard with	out Spout Groove 3.0 (1.3)

^Not Listed

Construction

Body	Anodized Aluminum
Seals	Fluorocarbon o-rings and diaphragm
Spout	19 mm diameter
Lever	One-piece contoured polymer
Inlet	M34 1.5 Face Seal threads & 1" BSPP Face Seal threads

X DEF LV Nozzle Back Pressure Performance













X DEF Low Volume Nozzle

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

Dimensions and System Options

Swivel/Safe-T-Break® Combo

MODEL NO.	DESCRIPTION	
013185	M34 Single-Plane Swivel connected to 1" BSPP Service	
	Reconnectable Safe-T-Break®	
014438	1" BSPP Single-Plane Swivel connected to 1" BSPP Service	
	Reconnectable Safe-T-Break®	
*014438A	1" BSPP Single-Plane Swivel connected to 1" BSPP Service	
	Reconnectable Safe-T-Break®	

Guards

MODEL NO.	DESCRIPTION
007361	Handle Cover (Black)
002138	Full Nozzle Guard
008547	Mate Nozzle Guard
014114	International Mate Nozzle Guard
001808	Waffle Splash Guard









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

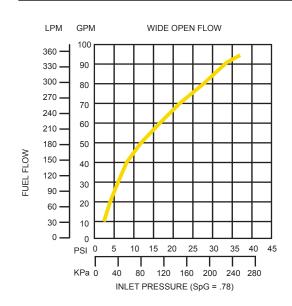
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
169410N^	without shear groove in spout	4.6 (2.0)
		A NOT LISTED

New Nozzles with BSPP

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

Construction

Body	Die cast aluminum body
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	One piece contoured steel
Inlet	1½" NPT and BSPP













1690/1691 **Nozzles**

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

Dimensions and System Options

Swivels

MODEL NO.	DESCRIPTION
005240	11/4" F x 11/2" M NPT Single Plane Swivel
005266	1½" F x 1½" M NPT Single Plane Swivel
005754	11/4" F x 11/2" M BSPP Single Plane Swivel
005755	1½" F x 1½" 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







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

- 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

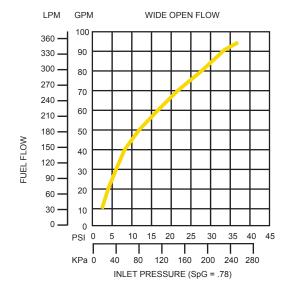
Rebuilt Nozzles

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

Construction

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













1690 CW Nozzles

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







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.
- Comes standard with full grip guard and waffle splash guard.
- · 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

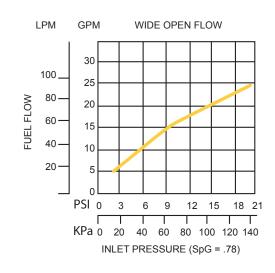
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
696610N^	with Three Notch Hold Open Clip	3.4 (1.5)
696665N^	with Three Notch Hold Open Clip Guard	and Waffle Splash 3.3 (1.4)
696612	without Hold Open Clip	3.4 (1.5)
		^ NOT LISTED

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

Construction

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	













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

Dimensions and System Options

Safe-T-Breaks®

MODEL N	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 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

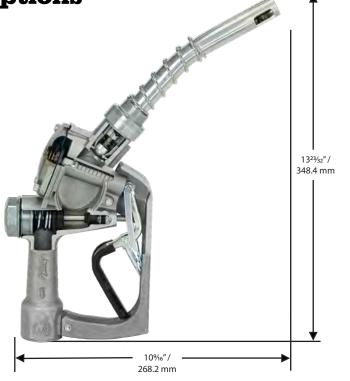
MODEL NO. DESCRIPTION		
005215	Heavy Duty Diesel Spout with Flo-Stop®	

Pressure/Vacuum Vents

MODEL NO. DESCRIPTION		
004620	2" Slip-On Pressure Vacuum Vent	
004885	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

<u> </u>		
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	







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.



New Diesel Nozzles with NPT

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 a Splash Guard	and Waffle 3.4 (1.5)
026890N^	with Three Notch Hold Open Clip, Guard and Waffle Splash Guard	POPD® Full Grip 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)
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)
~026838A	with Three Notch Hold Open Clip	3.4 (1.5)
026840	without Hold Open Clip	3.4 (1.5)

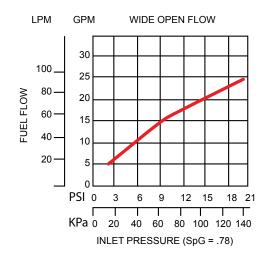
^ NOT LISTED

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®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT and BSPP













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. 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

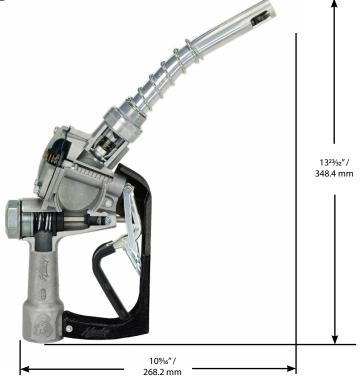
MODEL NO. DESCRIPTION		
005215	Heavy Duty Diesel Spout with Flo-Stop®	

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. 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	







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
- · 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.

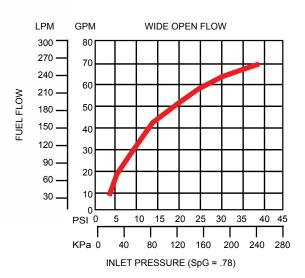


New Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
173310N^	with Three Notch Hold Open Clip, Guard and Spout Bushing	Waffle Splash 3.9 (1.7)
17331001N^	with Three Notch Hold Open Clip, Guard, Long Spout and Spout Bush	
173312	without Hold Open Clip, with Waff and Spout Bushing	fle Splash Guard 3.9 (1.7)
173381N^	with Three Notch Hold Open Clip a without Waffle Splash Guard	and Spout Bushing 3.9 (1.7)
503010N^	with Three Notch Hold Open Clip a Guard without Spout Bushing	and Waffle Splash 3.9 (1.7)
503012	without Hold Open Clip and Spout Splash Guard	Bushing, with Waffle 3.9 (1.7)
503081N^	with Three Notch Hold Open Clip, Bushing and Waffle Splash Guard	without Spout 3.9 (1.7)
50301001N^	with Three Notch Hold Open Clip, Splash Guard, without Spout Bush	3 . ,
		^ 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











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

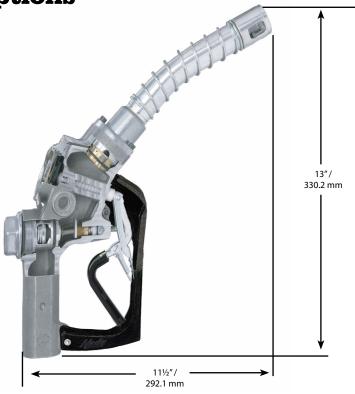
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly with Spout Bushing
005017	Complete Spout Assembly without Spout Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

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
- · 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.

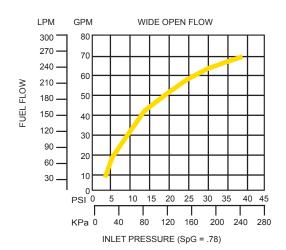
New Nozzles

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













VIII BSPP Nozzles

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

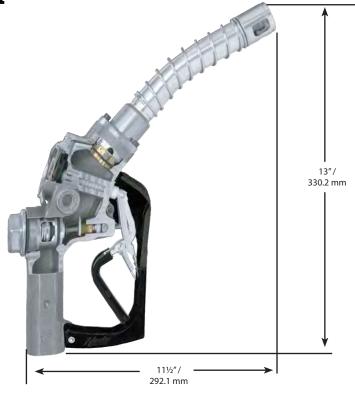
MODEL NO. DESCRIPTION	
002279	Complete Spout Assembly Kit with Bushing
005017	Complete Spout Assembly Kit without Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Bushing and Small Spout Spring

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

<u></u>	
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 polymer 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.
- 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.

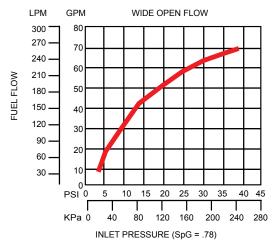
New Nozzles

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

Construction

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













VIII CW Nozzles

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

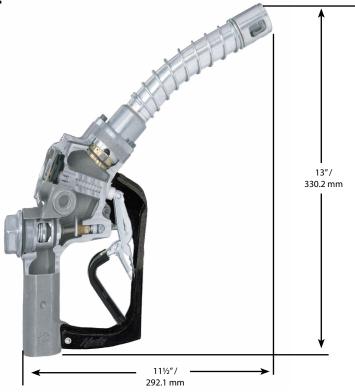
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly Kit with Bushing
005017	Complete Spout Assembly Kit without Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

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

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
008168	POPD® H Mate Guard
008186	POPD® H Full Grip Guard
008193	POPD® H Full Grip Reguard
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

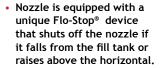






Pressure activated, automatic shut-off nozzle with polymer handguard for truck stop and other high volume full-service, self-service and unattended stations.

- 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



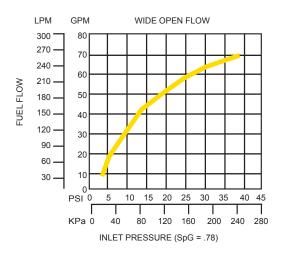


New Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION SHI	IPPING WEIGHT	LBS (KG)
177610	with Three Notch Hold Open Clip, Wa Splash Guard and Spout Bushing	ffle	4.6 (2.0)
17761001	with Three Notch Hold Open Clip, Wa Splash Guard, Long Spout and Spout B		4.6 (2.0)
177690	with Three Notch Hold Open Clip, POI Grip Guard, Waffle Splash Guard and		4.6 (2.0)
177612	without Hold Open Clip, with Waffle S Guard and Spout Bushing	Splash	4.6 (2.0)
1776147	with Three Notch Hold Open Clip, POI Grip Guard, Waffle Splash Guard and		4.6 (2.0)
504010	with Three Notch Hold Open Clip and Splash Guard without Spout Bushing	Waffle	4.6 (2.0)
504012	without Hold Open Clip and Spout Bus with Waffle Splash Guard	shing,	4.6 (2.0)
5040132	with Three Notch Hold Open Clip, wit Waffle Splash Guard or Spout Bushing		4.6 (2.0)
11043132	with Three Notch Hold Open Clip, and Spring, without Spout Bushing or Waff		4.6 (2.0)
1776240	with Single Notch Hold Open Clip, Wa and Spout Bushing	ıffle Splash Guard	4.6 (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











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

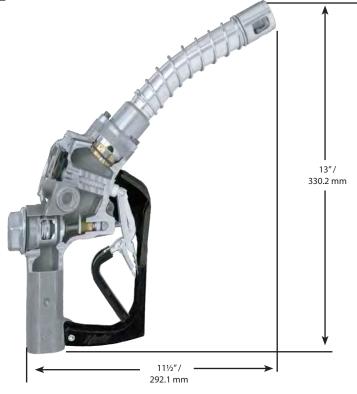
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly with Spout Bushing
005017	Complete Spout Assembly without Spout Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

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 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.

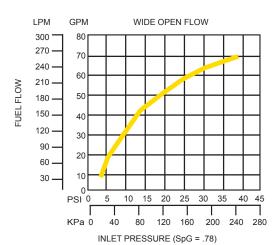
New Nozzles

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

Construction

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













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.

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

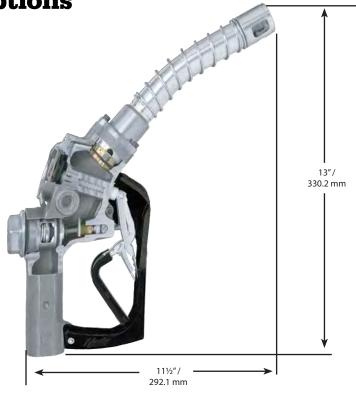
MODEL NO. DESCRIPTION	
002279	Complete Spout Assembly Kit with Bushing
005017	Complete Spout Assembly Kit without Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Bushing and Small Spout Spring

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







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

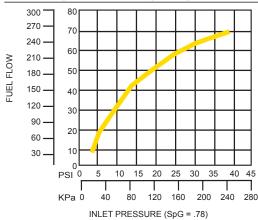
- VIIIS Nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.
- the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- Contains a poppet disc seal 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 WEI	GHT LBS (KG)
651910	with Three Notch Hold Open Cli Waffle Splash Guard and Spout I		4.6 (2.0)
652110	with Three Notch Hold Open Cli Waffle Splash Guard, without Sp	•	4.5 (2.0)
6519159	without Hold Open Clip, with W Guard and Spout Bushing	affle Splash	4.5 (2.0)

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 LPM	₫₽M 25.4 mm NRTDE OPEN FLOW













VIIIS CW Nozz

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

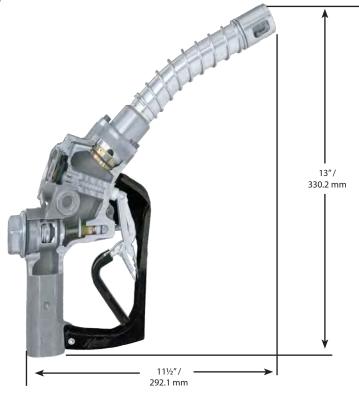
MODEL NO.	DESCRIPTION	
002279	Complete Spout Assembly Kit with Bushing	
005017	Complete Spout Assembly Kit without Bushing	
003589	Complete Long Spout Assembly with Spout Bushing	
011043	Complete Spout Assembly without Bushing and Small Spout Spring	

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







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.

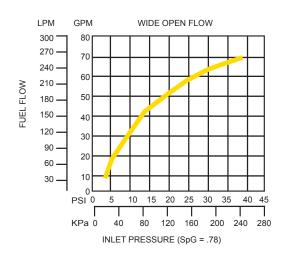


New Heavy Duty Diesel Nozzles with NPT

	<u> </u>	
MODEL NO.	DESCRIPTION S	SHIPPING WEIGHT LBS (KG)
749310N^	with Three Notch Hold Open Clip, \ and Spout Bushing	Waffle Splash Guard, 4.5 (2.0)
749312	without Hold Open Clip, with Waffl and Spout Bushing	e Splash Guard, 4.5 (2.0)
74931001N^	with Three Notch Hold Open Clip, \ Long Spout, and Spout Bushing	Waffle Splash Guard, 4.7 (2.1)
750610N^	with Three Notch Hold Open Clip as without Spout Bushing	nd Waffle Splash Guard, 4.4 (2.0)
75061001N^	with Three Notch Hold Open Clip, \and Long Spout, without Spout Bush	
750612	without Hold Open Clip or Spout Bu Splash Guard	ushing, with Waffle 4.4 (2.0)
7506230N^	with Three Notch Hold Open Clip, \and Short Spout Spring, without Sp	
750681N^	with Three Notch Hold Open Clip, v Guard or Spout Bushing	without Waffle Splash 4.3 (2.0)
1108710N^	with Three Notch Hold Open Clip, Nand Spout Bushing, Nickel Plated B	
750623001N^	with Three Notch Hold Open Clip, Wa Spout, and Short Spout Spring, witho	
<u> </u>		^ 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











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

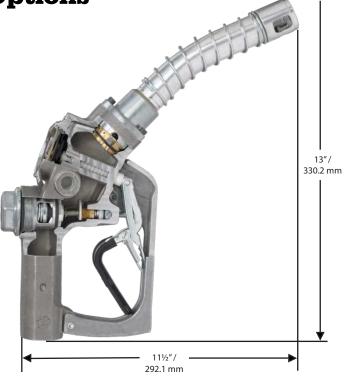
MODEL NO.	DESCRIPTION	
002279	Complete Spout Assembly with Spout Bushing	
005017	Complete Spout Assembly without Spout Bushing	
003589	Complete Long Spout Assembly with Spout Bushing	
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring	

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







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

unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

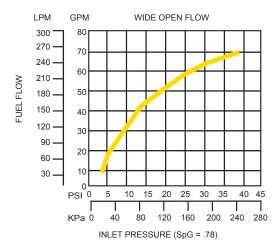
New Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION SHII	PPING WEIGHT LBS (KG)
749610	with Three Notch Hold Open Clip, Waf and Spout Bushing	fle Splash Guard 4.5 (2.0)
74961001	with Three Notch Hold Open Clip, Waf Long Spout and Spout Bushing	fle Splash Guard, 4.7 (2.1)
749612	without Hold Open Clip, with Waffle Spout Bushing	plash Guard and 4.5 (2.0)
751010	with Three Notch Hold Open Clip and Guard, without Spout Bushing	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













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

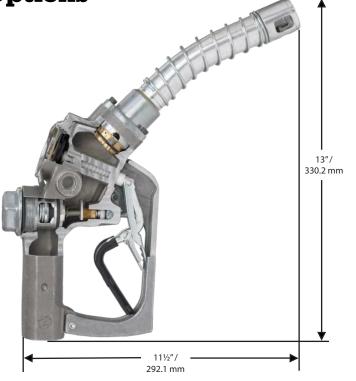
MODEL NO.	DESCRIPTION	
002279	Complete Spout Assembly with Spout Bushing	
005017	Complete Spout Assembly without Spout Bushing	
003589	Complete Long Spout Assembly with Spout Bushing	
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring	

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



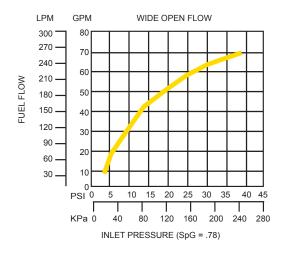
New Nozzles

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

^ 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 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

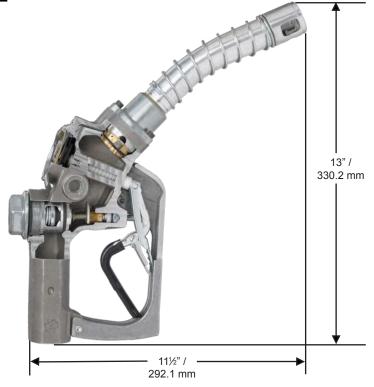
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly Kit with Bushing
005017	Complete Spout Assembly Kit without Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

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







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 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.

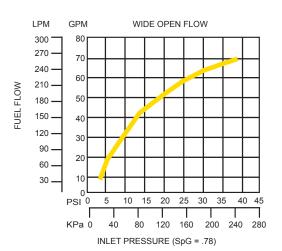
New Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
751910	with Three Notch Hold Open Clip	, Waffle Splash Guard
	and Spout Bushing	4.5 (2.0)

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

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

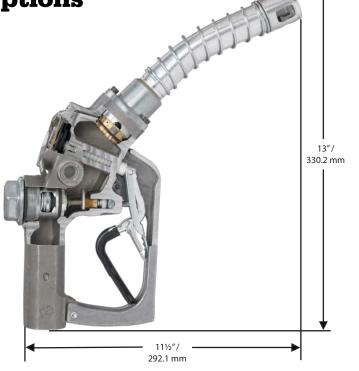
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly Kit with Bushing
005017	Complete Spout Assembly Kit without Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Bushing and Small Spout Spring

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





BSPP 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.
- · 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.

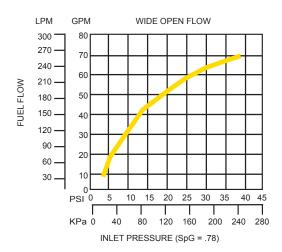


New Nozzles

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

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











VIII BSPP Nozzles

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

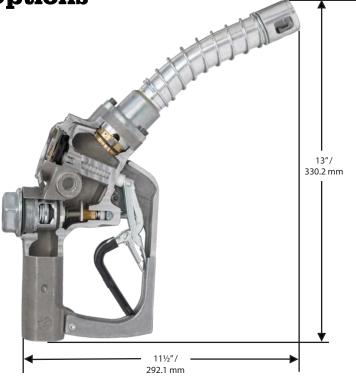
MODEL NO. DESCRIPTION			
002279	Complete Spout Assembly Kit with Bushing		
005017	Complete Spout Assembly Kit without Bushing		
003589	Complete Long Spout Assembly with Spout Bushing		
011043	Complete Spout Assembly without Bushing and Small Spout Spring		

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







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
- 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.

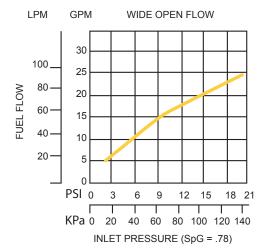
New Diesel Nozzles with NPT

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 and Waffle Splash Guard 3.4 (1.5)	
1437710N^ with Two Notch Hold Open Clip, EZ Lever and Tr 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®	
Lever	One piece contoured steel with hard plastic cover	
Inlet	1" / 25.4 mm NPT and BSPP	













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. 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

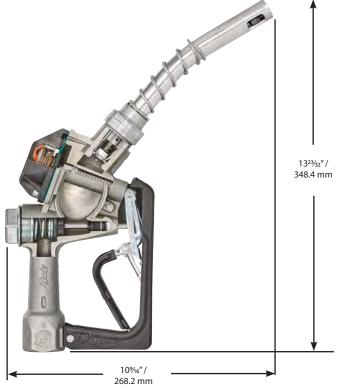
MODEL NO. DESCRIPTION		
005215	Heavy Duty Diesel Spout with Flo-Stop®	

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	MODEL NO. 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	







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

· Comes standard with smooth full grip guard.

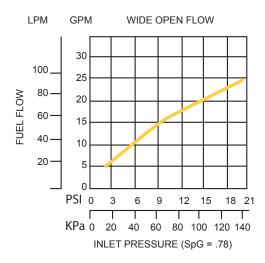
New Diesel Nozzles with NPT

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®	
Lever	One piece contoured steel with hard plastic cover	
Inlet	1" / 25.4 mm NPT & BSPP	













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 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 $^{\circ}$ 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

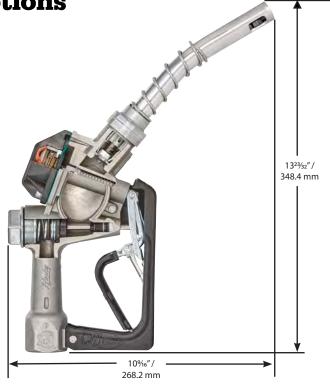
MODEL NO. DESCRIPTION		
005215	Heavy Duty Diesel Spout with Flo-Stop®	

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	





Nozz



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.

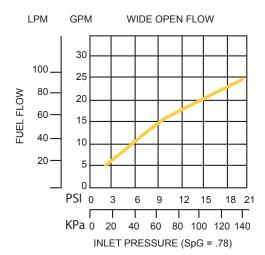
New Diesel Nozzles with NPT

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













1HSS CW Nozz

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. 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	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

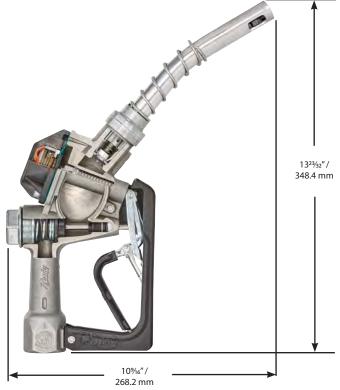
MODEL NO. DESCRIPTION		
005215	Heavy Duty Diesel Spout with Flo-Stop®	

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

duart	Guarus		
MODEL NO	MODEL NO. 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		







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.
 - completed the test cycle.
 - the leak detector has not
- · 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.

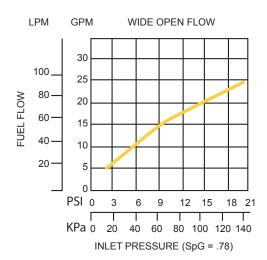
New Diesel Nozzles with NPT

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®
Lever	One piece contoured steel with hard plastic cover
Inlet	1" / 25.4 mm NPT & BSPP













1HSS CW Noz

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 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	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

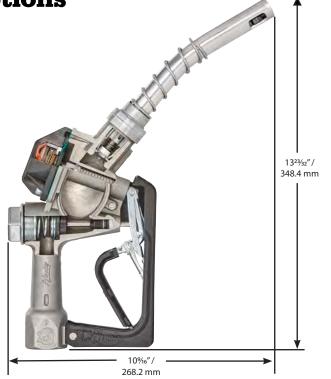
MODEL NO. DESCRIPTION		
005215	Heavy Duty Diesel Spout with Flo-Stop®	

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

duaras		
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	







Vapor Recovery Nozzles

V34iSA DP Nozzles



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.

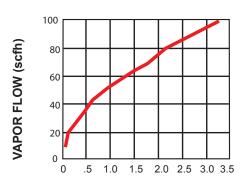
- Nozzle is equipped with a double poppet for precise, slow-flow, to-the-penny dispensing.
- Husky® vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.
- Uses 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

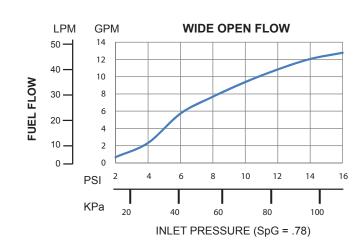
MODEL NO.	DESCRIPTION SHIP	PING WEIGHT LBS (KG)
7345021N^	with High Flow Double Poppet and Two Hold Open Clip, without Attitude Device	
7345041N^	with High Flow Double Poppet and Two Hold Open Clip	Notch 4.0 (1.8)
7345041A*	with High Flow Double Poppet and Two Hold Open Clip - Atex	Notch 4.0 (1.8)
11560021N^	with High Flow Double Poppet, Two Not Hold Open Clip and Cold Weather Seals	
		^ 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



VAPOR BACK PRESSURE (INCHES H2O)

















V34iSA DP 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

Pressure/Vacuum Vents

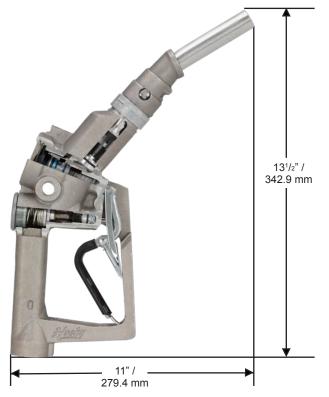
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

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



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.

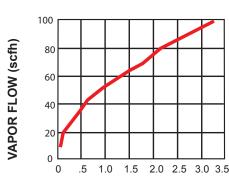
- Nozzle is equipped with a double poppet for precise, slow-flow, to-the-penny dispensing.
- Husky® vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.
- Uses 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

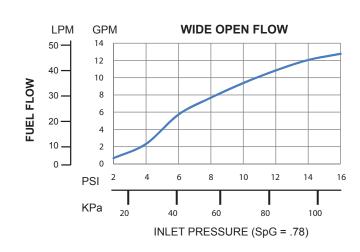
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
E12111170N^	with High Flow Double Poppet and Two Notch Hold Open Clip 4.0 (1.8	
		^ NOT LISTED

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



VAPOR BACK PRESSURE (INCHES H2O)









V34SK DP SG 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
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

DESCRIPTION
Full Grip Guard
Full Grip Reguard
Lever Guard
POPD® H Clear Cover
POPD® H Full Grip Guard
POPD® H Full Grip Reguard
POPD® S Clear Cover
POPD® S Full Grip Guard
POPD® S Full Grip Reguard







- · 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

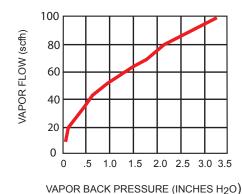
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	LBS (KG)
6250041	with Three Notch Hold Open Clip		4.0 (1.8)
6250041A*	with Three Notch Hold Open Clip	- Atex	4.0 (1.8)
6250241	with Three Notch Hold Open Clip	and Sightglass	4.0 (1.8)
6250941	with Three Notch Hold Open Clip	and POPD® Full Grip	
	Guard	·	4.0 (1.8)
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)

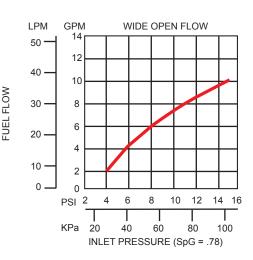
Rebuilt Unleaded Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT 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	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





















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

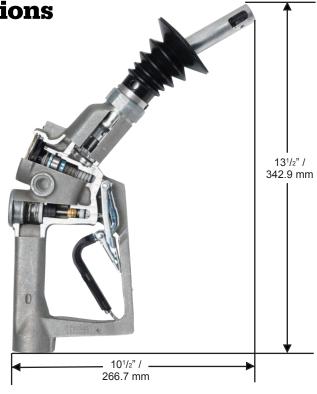
MODEL NO.	DESCRIPTION
006291	Complete Spout Assembly Kit - Unleaded
006391	Unleaded Spout

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 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.

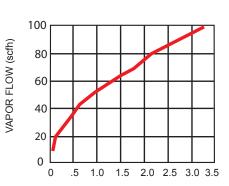
New Unleaded Nozzles

MODEL NO.	DESCRIPTION	N SHIPPING WEIGHT LBS (KG)	
6200041	with Coaxial Spout and Three Notch Hold Open Clip 4.0 (1.		
14229041N^			ver 4.0 (1.8)
		^	'Not Listed

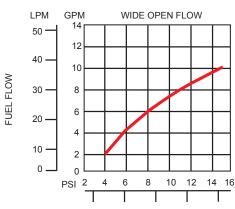
Construction

Do ali	One piece die seet aluminum	
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)













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

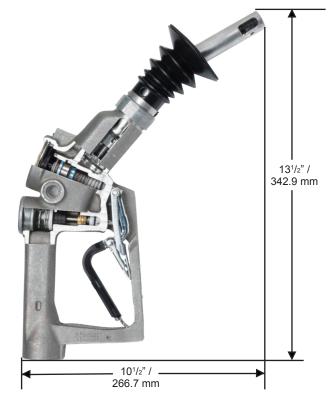
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

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









- 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
- · 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

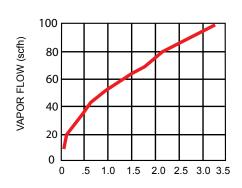
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	LBS (KG)
6252041	with Double Poppet and Two No	tch Hold Open Clip	4.0 (1.8)

Rebuilt Unleaded Nozzles

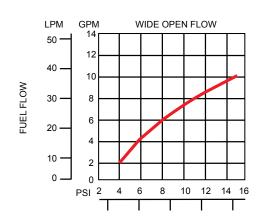
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
6254041	with Three Notch Hold Open Clip	3.7 (1.6)
6254241	with Three Notch Hold Open Clip	and Sightglass 3.7 (1.6)
6254081	without Hold Open Clip	3.7 (1.6)

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)













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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

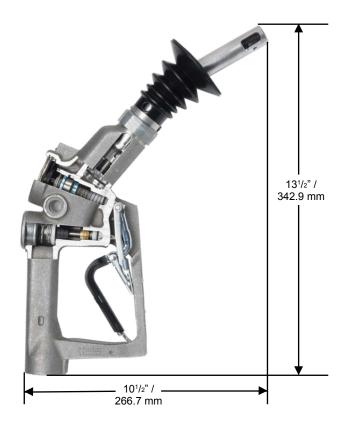
MODEL NO.	DESCRIPTION
006291	Complete Spout Assembly Kit - Unleaded
006391	Unleaded Spout

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







- 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.

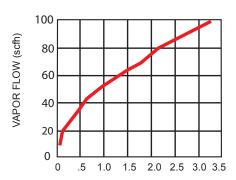
- StreamShaper® reduces turbulence for straighter flow and less splash back spillage.
- Uses conventional spout with spout ring and soft vapor escape guard.
- · Husky® vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions 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

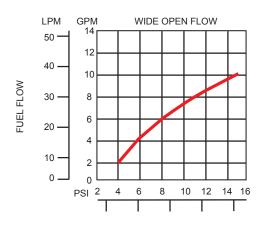
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
6536041	with Three Notch Hold Open Clip	4.0 (1.8)

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)

















34 ORVR Nozz

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

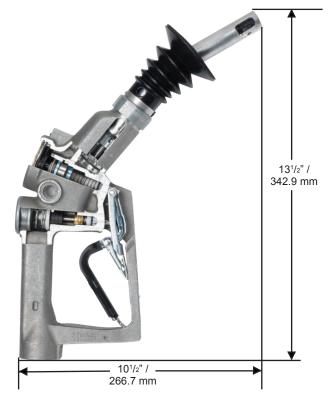
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

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





34i Nozzle



Automatic shut-off vacuum assist nozzle for full-service, self-service and unattended stations.

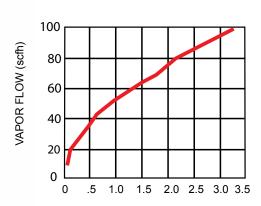
- V34i Nozzle shuts off when the gas tank is full.
- · Strong vapor valve in the nozzle that is mechanically operated by the on-off action of the nozzle's lever.
- · Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter flow and less splash back spillage.
- 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.



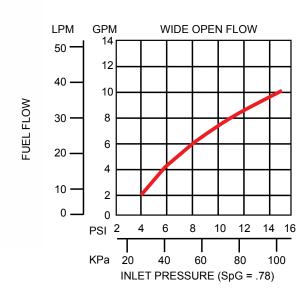
MODEL NO.	DESCRIPTION	SHIPPING WE	IGHT LBS (KG)
6670041A*	with Two Notch Hold Open Clip	- Atex	4.0 (1.8)

Construction

Aluminum
Fluorocarbon
Double o-ring seal protected by fiber reinforced Teflon®
One piece contoured steel with hard plastic cover
M34 x 1.5



VAPOR BACK PRESSURE (INCHES H2O)

















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

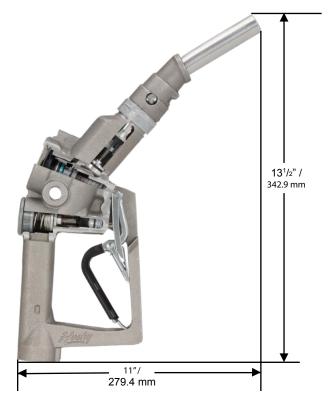
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

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.

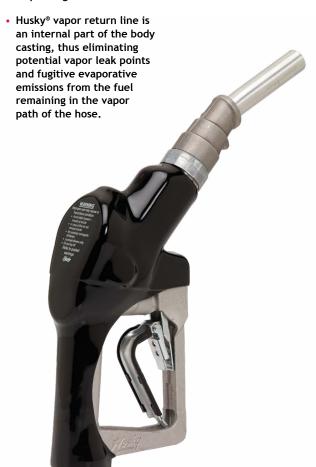
- Uses conventional spout without spout ring and aluminum vapor escape guard.
- Vapor assist is achieved at the body end of the spout where a vapor ring captures emissions,
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

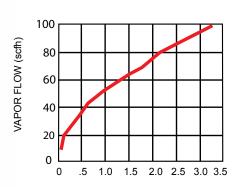
New Unleaded Nozzles

MODEL NO.	DESCRIPTION SHIPPING WEIG	HT LBS (KG)
7320041A*	with High Flow Double Poppet, and Three Notch Ho Open Clip - Atex	old 4.0 (1.8)
7320101A*	with High Flow Double Poppet, without Three Noto Hold Open Clip - Atex	th 4.0 (1.8)

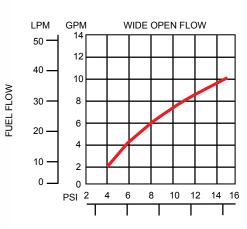
Construction

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)















V34i DP 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®
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

Pressure/Vacuum Vents

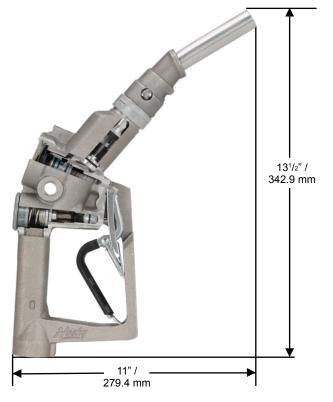
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

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







34i 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.
- turbulence for straighter flow and less splash back spillage.
- · Nozzle is equipped with a double poppet for precise, slow-flow, to-the-penny dispensing.
- StreamShaper® reduces
- · 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

- · 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

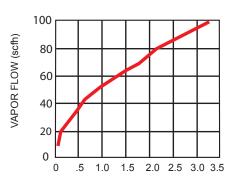
· Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

New Unleaded Nozzles

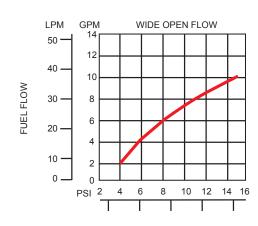
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
8686021N^	with Double Poppet, Cold Hold Open Clip	Weather Seals and Two Notch 4.0 (1.8)
8686041N^	with Double Poppet, Cold Two Notch Hold Open Clip	Weather Seals, Flo-Stop® and 4.0 (1.8)
		^ NOT LISTED

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)







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



V34i DP & CW 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®
006210	Non-Reconnectable Safe-T-Break®
010513	Non-Reconnectable Safe-T-Break® - Shearpin

Swivels

MODEL NO.	DESCRIPTION
004605	Inverted Vapor Assist Swivel

Pressure/Vacuum Vents

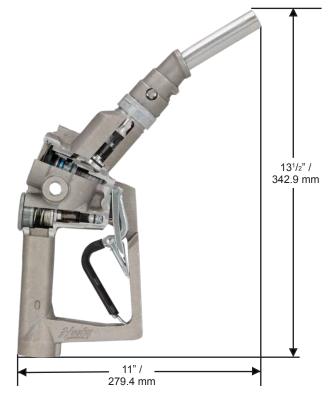
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

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



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.

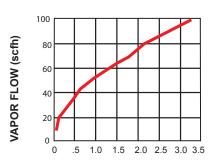
- Uses conventional spout without spout ring and aluminum vapor escape guard.
- Vapor assist is achieved at the body end of the spout where a vapor ring captures emissions.
- Nozzle spout is covered by a one year warranty.

New Unleaded Nozzles

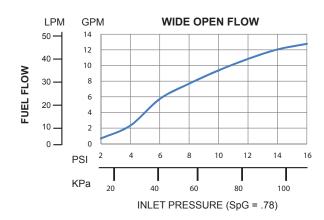
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
7320041N^	with High Flow Double Popp Hold Open Clip	et and Two Notch 4.0 (1.8)
7320081N^	with High Flow Double Popp Open Clip	et, without Hold 4.0 (1.8)
		^ NOT LISTED

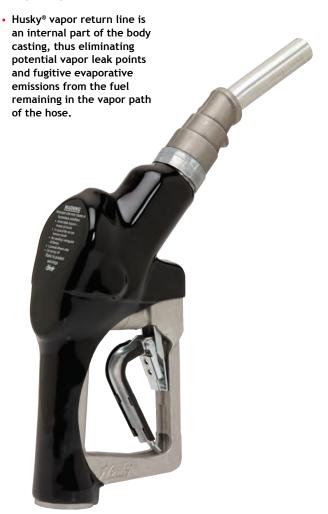
Construction

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)











V34iA DP 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

Pressure/Vacuum Vents

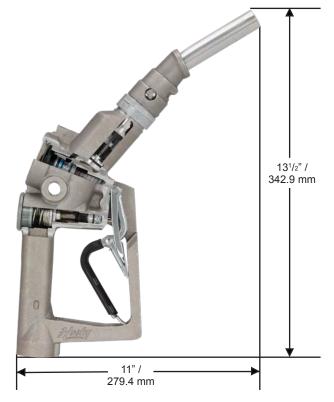
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

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

DESCRIPTION
Full Grip Guard
Full Grip Reguard
Lever Guard
POPD® H Clear Cover
POPD® H Full Grip Guard
POPD® H Full Grip Reguard
POPD® S Clear Cover
POPD® S Full Grip Guard
POPD® S Full Grip Reguard







V34iS Nozzles



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.

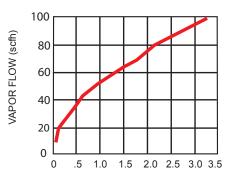
- Uses conventional spout with spout ring and soft vapor escape guard.
- Husky® vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.
- Vapor assist achieved at the body end of the spout where a vapor ring catches emissions.

New Unleaded Nozzles

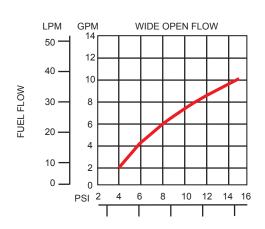
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
6675041	with Two Notch Hold Open Clip	4.0 (1.8)
6675041A*	with Two Notch Hold Open Clip -	Atex 4.0 (1.8)

Construction

Aluminum
Fluorocarbon
Double o-ring seal protected by fiber reinforced Teflon®
One piece contoured steel with hard plastic cover
M34 x 1.5



VAPOR BACK PRESSURE (INCHES H2O)















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



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

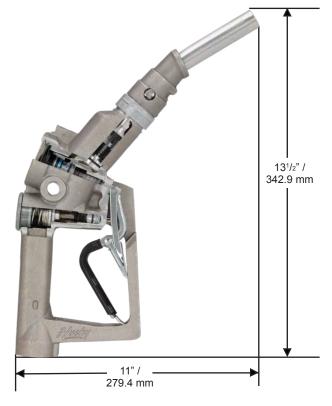
MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

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





V34iS DP Nozzles



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.

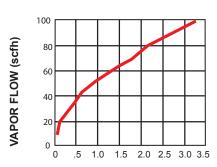
- Nozzle is equipped with a double poppet for precise, slow-flow, to-the-penny dispensing.
- Husky® vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.
- Uses 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

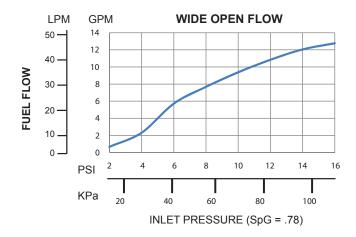
MODEL NO.	DESCRIPTION	CHIRDING WEIGHT LBC (VC)
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
7345041N [^] with High Flow Double Poppet and Two Notch		and Two Notch
	Hold Open Clip	4.0 (1.8)
7345041A*	with High Flow Double Poppet	and Two Notch
	Hold Open Clip - Atex	4.0 (1.8)
		^ NOT LISTED

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)









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V34iS DP 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 Vaport Assist Swivel - Atex

Pressure/Vacuum Vents

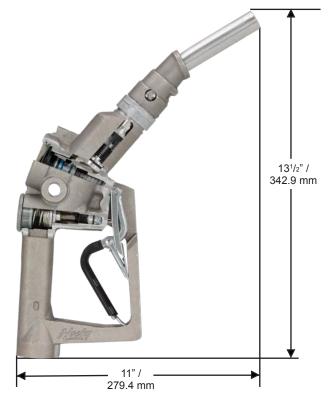
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

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









Ethanol Fueling Nozzles

X E85 PHG 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.

- 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 in conjunction with new tilt poppet design improves flow control ("to-thepenny" dispensing) and provides enhanced endurance over time.

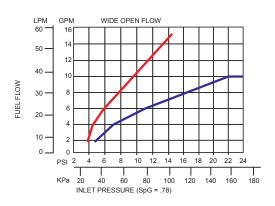
New Unleaded Nozzles

MODEL NO.	DESCRIPTION SHIPPING WEIG	HT LBS (KG)
659404N^	with Three Notch Hold Open Clip	2.8 (1.2)
659459N^	with Three Notch Hold Open Clip and Waffle Splash	า
	Guard	3.0 (1.2)
659495N^	with Three Notch Hold Open Clip, POPD® S Full Gri	р
	Guard and Waffle Splash Guard	3.0 (1.2)
		^ NOT LISTED

Construction

Body	Die cast aluminum with Electroless Nickel Plating	
Seals	Fluorocarbon	
Handguard	Polymer	
Packing	Double O-ring seal protected by fiber reinforced Teflon®	
Lever	Polymer	
Inlet	¾" / 19 mm NPT	











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X E85 PHG Nozzles

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	
006350^	¾" M x ¾" F Multi-plane E85 Swivel	
		^ NOT III LISTED

Spouts

MODEL NO.	DESCRIPTION
006207	Unleaded E85 Spout Assembly

Pressure/Vacuum Vents

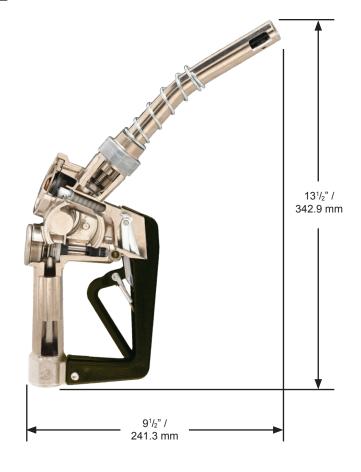
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

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







XS® E85 PHG Nozzles



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 from Ethanol blends.
 falls from the fill tank or raises above the horizontal states.
 All seals are UL approved fluorocarbon compounds to the fill tank or raises.
- 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.

- 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.
- All seals are UL approved fluorocarbon compounds to prevent deterioration from Ethanol blends.
- New poppet seal design in conjunction with new tilt poppet design improves flow control ("to-the-penny" dispensing) and provides enhanced endurance over time.

New Unleaded Nozzles

MODEL NO.	DESCRIPTION SHIPPING WEIGHT	ΓLBS (KG)
659504	with Three Notch Hold Open Clip	3.0 (1.3)
659508	without Three Notch Hold Open Clip	3.0 (1.3)
659559	with Three Notch Hold Open Clip and Waffle Splash Guard	2.9 (1.3)
659589	with Single Notch Hold Open Clip, POPD® S Full Grip Guard and Waffle Splash Guard	3.0 (1.3)
6595100N^	with Three Notch Hold Open Clip, POPD® S Full Grip Guard, Waffle Splash Guard and Sightglass	3.0 (1.3)
6595119	with Three Notch Hold Open Clip and POPD® H Full Grip Guard	3.0 (1.3)
6595146	with Three Notch Hold Open Clip, POPD® H Full Grip Guard and Waffle Splash Guard	3.0 (1.3)
6595179	with Single Notch Hold Open Clip and Waffle Splash Guard	3.0 (1.3)
6595181	with Three Notch Hold Open Clip, POPD® H Full Grip Guard and 1807 Waffle Splash Guard	3.0 (1.3)
E1488404	with Two Notch Hold Open Clip, EZ Lever and Mate Guard	3.0 (1.2)
E1488459	with Two Notch Hold Open Clip, EZ Lever, Mate Guard and Waffle Splash Guard	3.0 (1.2)
E1488495	with Two Notch Hold Open Clip, EZ Lever, POPD®S Mate Guard and Waffle Splash Guard	3.0 (1.2)
1488404	with Two Notch Hold Open Clip, EZ Lever and Full Grip Guard	3.0 (1.2)
	and Full Grip Guard	3.0 (1

^ NOT LISTED

Construction

Body	Die cast aluminum with Electroless Nickel Plating
Seals	Fluorocarbon
Handguard	Polymer
Packing	Double O-ring seal protected by fiber reinforced Teflon®
Lever	Polymer
Inlet	¾" / 19 mm NPT

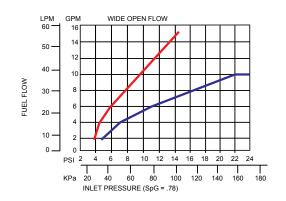








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XS® E85 PHG Nozzles

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 III LISTED

Spouts

MODEL NO.	DESCRIPTION
006207	Unleaded E85 Spout Assembly

Pressure/Vacuum Vents

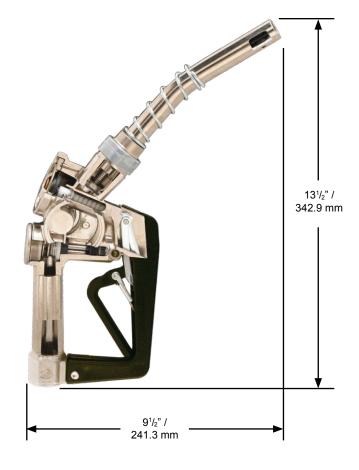
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

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
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







XS® E85 CW PHG Nozzles



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 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 design in conjunction with new tilt poppet design improves flow control ("to-thepenny" dispensing) and provides enhanced endurance over time.

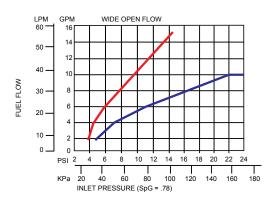
New Unleaded Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	LBS (KG)
666164	with Three Notch Hold Open Clip and Waffle Splash		
	Guard		2.9 (1.3)
666154N^	with Hold Open Clip, Full Grip Gu	uard, Waffle Splash	
	Guard, Cold Weather Seals and F	lo-Equalizer®	3.0 (1.2)
		^ NC	T LISTED

Construction

Body	Die cast aluminum with Electroless Nickel Plating
Seals	Fluorocarbon
Handguard	Polymer
Packing	Double O-ring seal protected by fiber reinforced Teflon®
Lever	Polymer
Inlet	¾" / 19 mm NPT











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XS[®] E85 CW PHG Nozzles

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 III LISTED

Spouts

MODEL NO.	DESCRIPTION
006207	Unleaded E85 Spout without Flo-Stop®

Pressure/Vacuum Vents

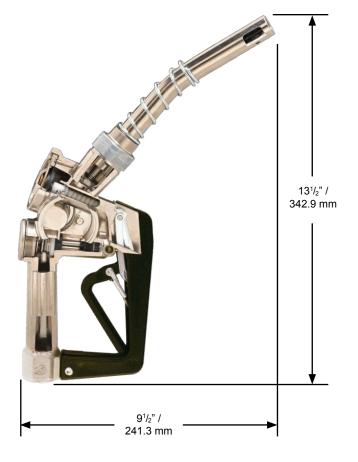
MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

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

Guards

HODEL NO	DESCRIPTION
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.

- 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

- · 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 in conjunction with new tilt poppet design improves flow control ("to-the-penny" dispensing) and provides enhanced endurance over time.

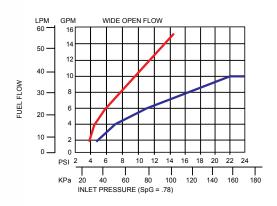
New Unleaded Nozzle

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1108689	with Single Notch Hold Open Clip, Guard and Waffle Splash Guard	POPD®s Full Grip 3.0 (1.3)
11086179	with Single Notch Hold Open Clip a Guard	nd Waffle Splash 3.0 (1.3)
11084181	with Three Notch Hold Open Clip, Grip Guard and 1807 Waffle Splash	
1503204N^	with Two Notch Hold Open Clip, EZ and Full Grip Guard	Lever 3.0 (1.2)
E1503204	with Two Notch Hold Open Clip, EZ and Mate Guard	Lever 3.0 (1.2)
E1503259	with Two Notch Hold Open Clip, EZ Mate Guard and Waffle Splash Guar	
		^ NOT LISTED

Construction

Body	One piece die cast aluminum
Seals	Fluorocarbon
Handguard	Polymer
Packing	Double O-ring seal protected by fiber reinforced Teflon®
Lever	Polymer
Inlet	¾" / 19 mm NPT











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®

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

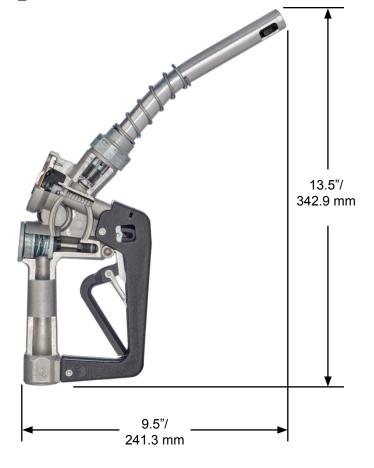
MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

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







XS® E25 CW PHG Nozzle



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.

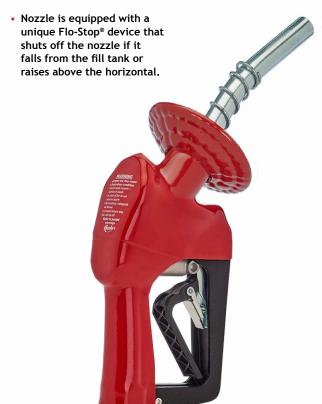
- Nozzle comes with smooth full grip guard.
- All seals are UL approved fluorocarbon compounds to prevent deterioration from Ethanol blends,
- New poppet seal design in conjunction with new tilt poppet design improves flow control ("to-the-penny" dispensing) and provides enhanced endurance over time.
- Contains a poppet seal rated at -40° F/C to prevent fuel leakage from the main seal in extreme cold weather.

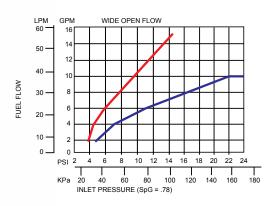
New Unleaded Nozzle

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1108459	with Three Notch Hold Open Clip and Waffle Splash Guard 3.0 (1.3	
		^ NOT LISTED

Construction

Body	One piece die cast aluminum
Seals	Fluorocarbon
Handguard	Polymer
Packing	Double O-ring seal protected by fiber reinforced Teflon®
Lever	Polymer
Inlet	¾" / 19 mm NPT











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



XS® E25 CW PHG Nozzle

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

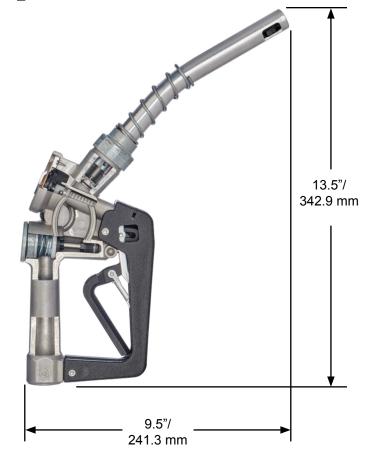
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

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









Whiskey Nozzles

WN Nozzles



Automatic shut-off nozzle for wine and distilled spirits dispensing.

- Modular design for easy cleaning.
- Nozzle shuts off when the container is full.
- Comes standard with mate nozzle guard and handle cover.



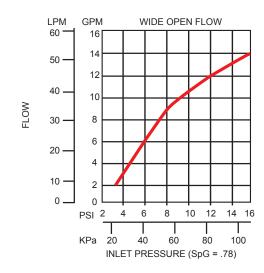
- · Stainless Steel construction.
- Constructed with food grade materials.

New WN Nozzles

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
8528104^	Stainless steel, 1" Inlet BSP nozzle guard and two notch	
		^ 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







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WN Nozzles

Automatic shut-off nozzle for wine and distilled spirits dispensing.

Dimensions and System Options

Guards

MODEL NO.	DESCRIPTION
008429	Handguard Repair
007376	Handle Cover (Black)
000226	Mate Guard

Spouts

MODEL NO. DESCRIPTION 015944 With StreamShaper®

Accessories, Testing and Maintenance

MODEL NO. DESCRIPTION 016205 Poppet Valve / Venturi Cartridge Assembly





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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" NF Mate Nozzle Guard, and T	T Inlet, ¹³ /16" O.D. Spout, hree Notch Hold Open Clip;
	without Flo-Stop®	2.8 (1.2)
		^ NOT LISTED

New XWN Nozzles with BSP

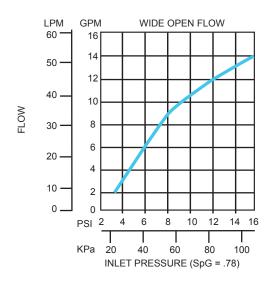
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
E840016N^	Nickel-Plated, with ¾" BSP Inlet Mate Nozzle Guard, and Three N	otch Hold Open Clip;
	without Flo-Stop®	2.8 (1.2)

^ 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	¾" / 19 mm NPT or 3/4" / 19 mm BSP	







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XWN Nozzles

Automatic shut-off nozzle for distilled spirits dispensing.

Dimensions and System Options

Guards

MODEL NO.	DESCRIPTION
MODEL NO.	DESCRIPTION
012117	Black Handle Guard
003440	Mate Easy-on Package
003795	Mate Guard
001808	Waffle Splash Guard





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.
- 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 1AWN Nozzles with NPT

MODEL	DESCRIPTION SHI	PPING WEIGHT LBS (KG)
E874203N	Nickel-Plated, with 1" NPT inlet, 15/16" O.D. Spo Guard and Three Notch Hold Open Clip; without	
		^ NOT LISTED

New 1AWN Nozzles with BSP

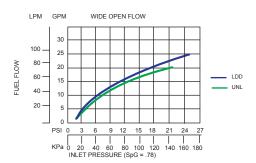
MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG
E874215N^ Nickel-Plated, with 1" BSP inlet, 15/16" O.D. Spout, Mate		
	Guard and Three Notch Hold Open Clip; wi	thout Flo-Stop® 3.3 (1.4

^ 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







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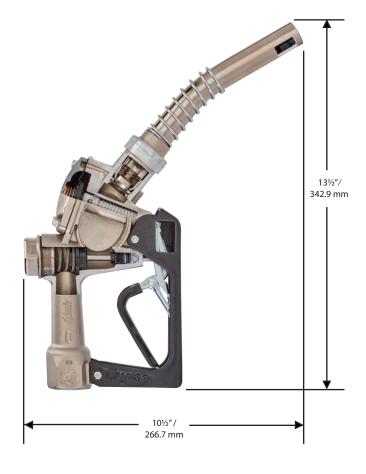
1AWN Nozzles

Automatic shut-off nozzle with polymer handguard for distilled spirits dispensing.

Dimensions and System Options

Guards

MODEL NO.	DESCRIPTION
000554	Full Grip Guard
005494	Lever Guard
007295	Mate Handle Guard
000226	Mate Nozzle Guard
001808	Waffle Splash Guard







VIII WN Nozzles



High-Flow automatic nozzle for distilled spirits dispensing.

- 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 $^3/_{16}$ " O. Three Notch Hold Open Clip; without Flo-S	

^ NOT LISTED

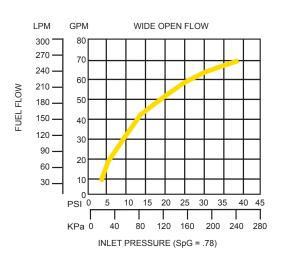
New VIII WN Nozzles with BSP

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-St	•
		^ 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	







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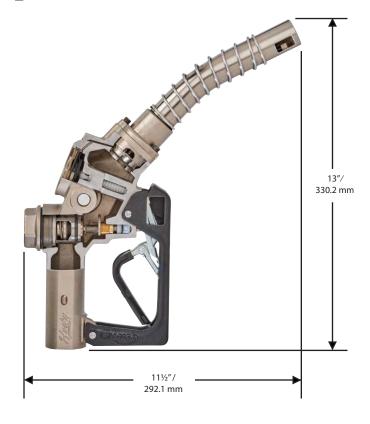


High-Flow automatic nozzle for distilled spirits dispensing.

Dimensions and System Options

Guards

MODEL NO.	DESCRIPTION
004740	Full Grip Guard
005494	Lever Guard
001808	Waffle Splash Guard







1690WN Nozzles



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 $^{3}/_{8}$ " Two position Hold latch	O.D. Spout and 4.6 (2.0)

^ NOT LISTED

New 1690WN Nozzles with BSP

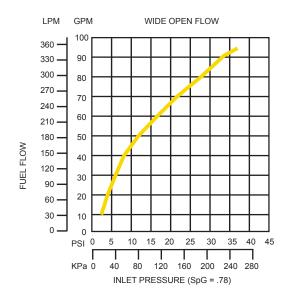
MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
875038N^	Nickel-Plated, with 1 1/2" BSP inlet, 1 3/8"	•
	Two position Hold latch	4.6 (2.0)

^ 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	











1690WN Nozzles

Extreme High-Flow automatic nozzle for distilled spirits edispensing.

Dimensions and System Options







Swivels

Standard Swivels



For standard fueling applications.





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 $^{\circ}$ 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, Black	.49/.22
000356	1" M x 3/4" F	NPT	Multi-Plane Swivel, Black	.66/.29
002272	3/4" M x 3/4" F	NPT	90° Swivel	.38/.17
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







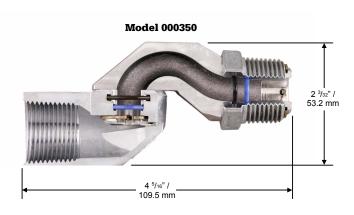




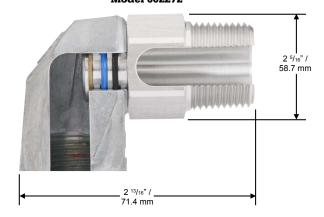
Standard Swivels

For standard fueling applications.

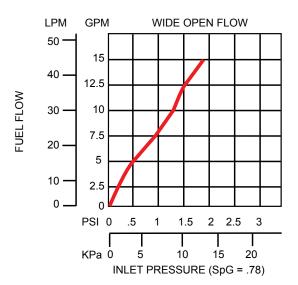
Dimensions



Model 002272



Flow Charts





Inline Swi



For standard fueling applications.

Model 003895







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
003755	3/4" M x 3/4" F	BSPP	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





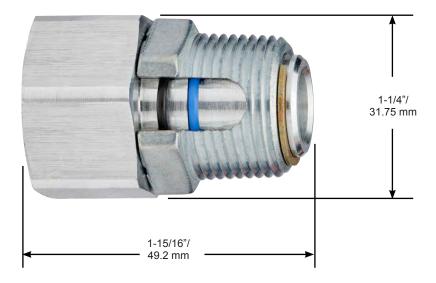




Inline Swivels

For standard fueling applications.

Dimensions



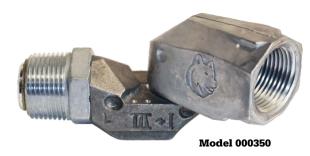




F&C Standard Swivels



For standard farming applications.





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 $^{\circ}$ 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
000350R	3/4" M x 3/4" F	NPT	Multi-Plane Swivel for Retail	.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, Black	.49/.22
000356	1" M x 3/4" F	NPT	Multi-Plane Swivel, Black	.66/.29
002272	3/4" M x 3/4" F	NPT	90° Swivel	.38/.17
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







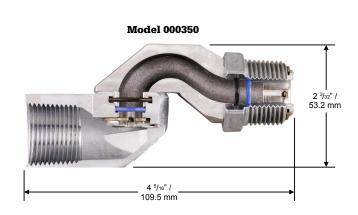




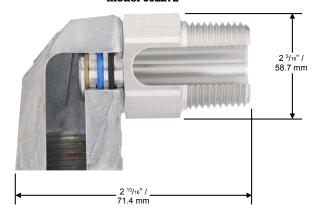
F&C Standard Swivels

For standard farming applications.

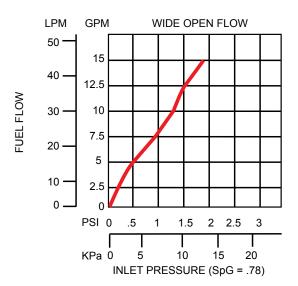
Dimensions



Model 002272



Flow Charts





F&C High Volume 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
000087R	1" M x 1"F	NPT	Multi-Plane Swivel For Retail	.96/.43
004860	1" M x 1" F	NPT	High Flow Multi-Plane Swivel	1.4/.63
004860R	1" M x 1"F	NPT	High Flow Multi-Plane Swivel For Retail	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









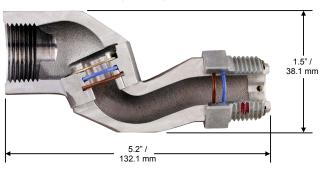


F&C High Volume Swivels

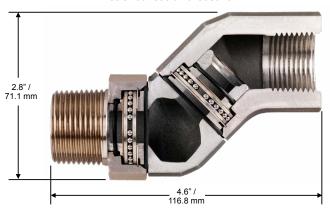
For truck and high volume fueling.

Dimensions

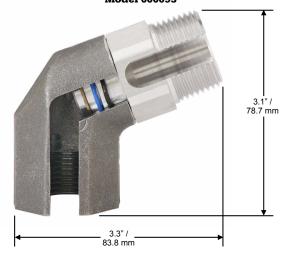
Model 000087, 003306, and 003395



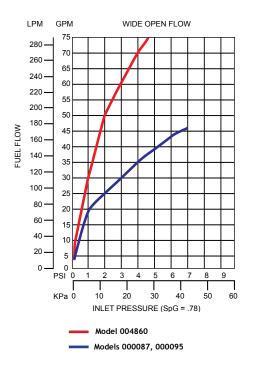
Model 004860 and 006949



Model 000095



Flow Charts







VR Swivels



Vapor Recovery Swivel is compatible with most vacuum assist vapor recovery systems.



Features

- EVR Certified per CARB CP-201.
- 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 or Steel

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)
014620	1-1/4"	1-1/4" x 18	Multi-Plane Swivel, 1-1/4"	1.0 (.45)









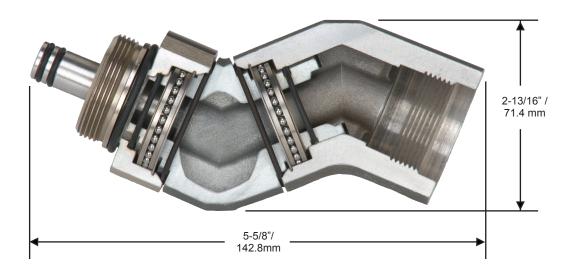




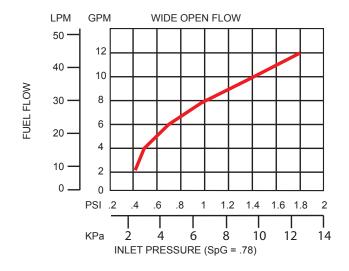
VR Swivels

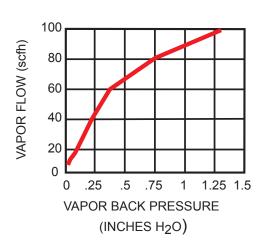
Vapor Recovery Swivel is compatible with most vacuum assist vapor recovery systems.

Dimensions



Flow Charts









High Volume 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









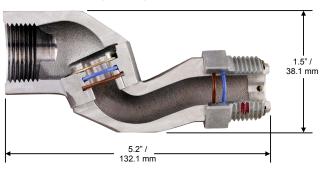


High Volume Swivels

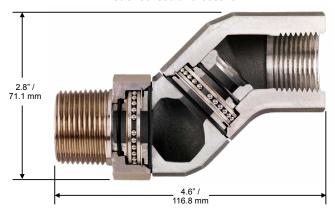
For truck and high volume fueling.

Dimensions

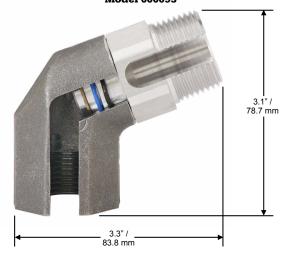
Model 000087, 003306, 003395 and 007254



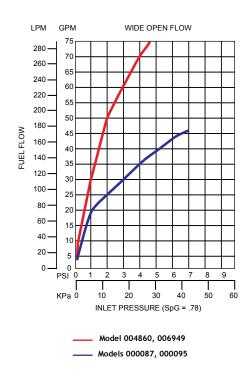
Model 004860 and 006949



Model 000095



Flow Charts







Ultra High Flow 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







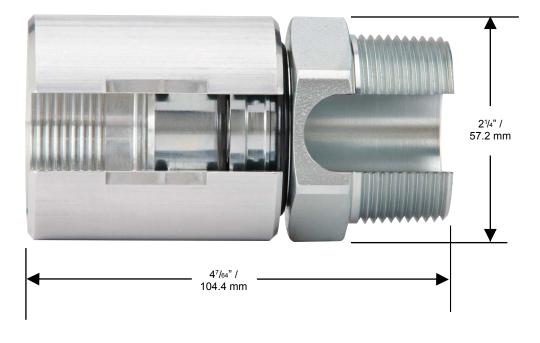


Ultra High Flow Swivels

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







Diesel Exhaust Fluid Inline Swivels.

Model 007269





Model 007275

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, Anodized Aluminum

Seals: Fluorocarbon Nut: 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









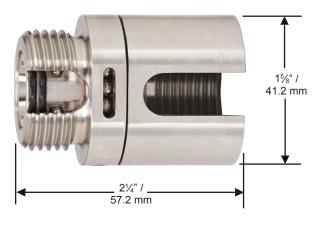
Diesel Exhaust Fluid Inline Swivels.

Dimensions

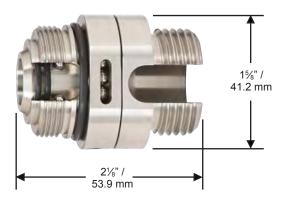




Model 007467/008510/008822



Model 007275









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	34" M x 34"	NPTF	Multi-Plane Swivel	.44/.19







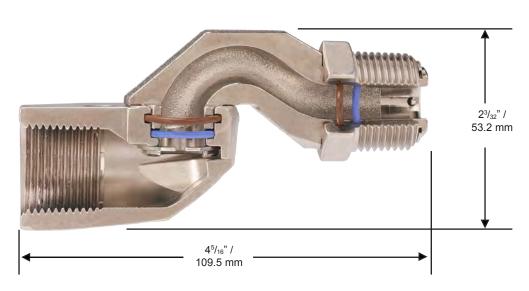


E85 Swivel

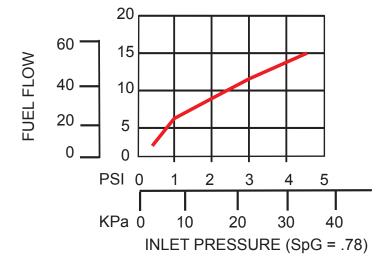
Husky Model 6350 Multi-Plane Swivel.

Dimensions

Model 6350



Flow Charts









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.

Models 003360 & 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 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.

Reconnectable with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
003360**	¾" F x ¾" F Reconnectable Safewith scuff guard	T-Break® 0.59 (0.26)
005230**	¾" F x ¾" F Reconnectable Low-I Safe-T-Break® with scuff guard	Pull 0.59 (0.26)

Non-reconnectable with NPT

MODEL NO.	DESCRIPTION SHIP	PPING WEIGHT LBS (KG)
002273	¾" F x ¾" F Non-Reconnectable Safe-T	T-Break® 0.78 (0.35)
006130**	¾" F x ¾" F PCC Non-Reconnectable Safe-T-Break® with scuff guard	0.52 (0.23)
015130**	¾" F x ¾" F LH PCC Non-Reconnectabl Safe-T-Break® with scuff guard	e 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	¾" F x ¾" F Non-Reconnectable S	afe-T-Break® 0.73 (0.33)
002774A*	¾" F x ¾" F Non-Reconnectable Safe-T-Break® - Atex	0.73 (0.33)
015349**	¾" F x ¾" F LH PCC Non-Reconnection Safe-T-Break®	ctable 0.52 (0.23)

**See page 2 for guard color options

Construction

GPM

25

LPM

80

RECONNEC	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		

WIDE OPEN FLOW

Model 003360



Model 006130







Rev 10 9/21





EN 13617-2





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

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

For custom colors, a minimum order of 4,000 guards will be required.

Model 003360



Model 006130



Model 002273







Magbreak[®] 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.

G2 Magbreak®

- Low scuff, High impact resistant polymer housing
- 15% Smaller housing diameter
- Available in ¾" Female NPT or BSP threads
- 40% Lighter than Original Magbreak®
- Separates at less than 200 pounds (889 N) pull force
- Can be separated using two flathead screwdrivers allowing for easier maintenance on hanging hardware
- Assurance of proper reconnection using a simple "Twist to Lock" feature
- · Line shock absorbing design
- Retains UL listing after reconnection

Magbreak®

- Low scuff, High impact resistant polymer housing
- Available in ¾" or 1" Female NPT or BSP threads
- Lighter than competing magnetic breakaways
- Separates at less than 225 pounds (1,000 N) pull force
- Can be separated using two flathead screwdrivers allowing for easier maintenance on hanging hardware
- Assurance of proper reconnection using a simple "Twist to Lock" feature
- · Line shock absorbing design
- Retains UL listing after reconnection

TO RECONNECT PUSH UP -TWIST-> LOCKED WHEN DOT IS FULLY WHITE TO RECONNECT PUSH WIST-> PUS

ISO 9001:2015 CERTIFIED COMPANY



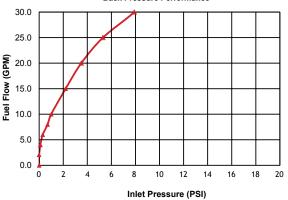
G2 Magbreak®

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
008330	G2 Magbreak ® 3/4" F NPT(separthan 200 pounds pull force)	rates at less .72 (.32)
009910	G2 Magbreak ® 3/4" F BSP(separthan 200 pounds pull force)	rates at less .72 (.32)

Magbreak®

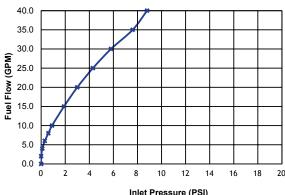
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
008331	Magbreak ® 1" F NPT CK(separat than 225 pounds pull force)	es at less 1.09 (.50)
009911	G2 Magbreak ® 1" F BSP(separate than 200 pounds pull force)	es at less 1.09 (.50)
010328	Magbreak ® 3/4" F NPT CK(separ than 225 pounds pull force)	rates at less 1.21 (.55)

008330 3/4" G2 MagBreak® Reconnectable STB Back Pressure Performance



→ 3/4" G2 MAGBREAK®





→ 1" MAGBREAK®



Magbreak[®] 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

Replacement Parts

MODEL NO.	DESCRIPTION
008630	MAGBREAK LOWER HALF 008330
008631	MAGBREAK LOWER HALF 008331

G2 Magbreak®



Magbreak®







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 & 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 & 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**	¾" F x ¾" F Reconnectable Safewith scuff guard	-T-Break® 0.59 (0.26)
005230**	¾" F x ¾" F Reconnectable Low- Safe-T-Break® with scuff guard	Pull 0.59 (0.26)
03360R	¾" F x ¾" F Reconnectable Safe- With Scuff Guard For Retail	-T-Break® 0.59 (0.26)

Non-reconnectable with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	LBS (KG)
002273	¾" F x ¾" F Non-Reconnectable S	Safe-T-Break® 0	.78 (0.35)
006130**	¾" F x ¾" F PCC Non-Reconnecta Safe-T-Break® with scuff guard		.52 (0.23)
002273R	¾" F x ¾" F Non-Reconnectable S For Retail		.52 (0.23)

Reconnectable with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
003385**	¾" F x ¾" F Reconnectable Saf	fe-T-Break®
	with scuff guard	0.57 (0.25)

Non-reconnectable with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
002774	¾" F x ¾" 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 options

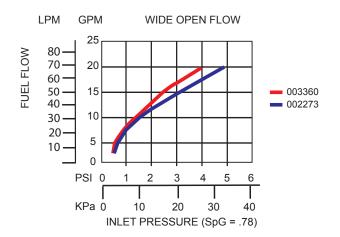
Model 003600





Construction

RECONNECTABLE SAFE-T-BREAKS®		
Body	Aluminum	
Seals	Fluorocarbon	
Springs	Stainless Steel	









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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.

Dimensions and System Options

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

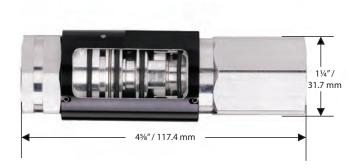
COLOR	SUFFIX	COLOR	SUFFIX
■ Blue	-01	☐ White	-06
Red	-02	■ Gold	-08
Green	-03	Silver	-09
■ Black	-04	■ BP Green	-16
Yellow	-05	Pink	-20

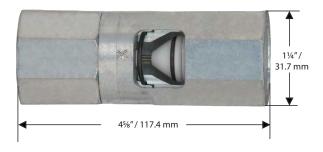
^{**}Safe-T-Breaks® and Safe-T-Break® Scuff Guards are to be ordered with the corresponding guard color option added to the model number.

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.









F&C 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 & 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 & 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 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.

Reconnectable with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	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)		.75 (.34)
002276R	1" F x 1" F Reconnectable Safe-T-Break® .75 (.3		.75 (.34)

Non-reconnectable with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGH	T LBS (KG)
005812	1" F x 1" F Non-Reconnectable Safe-T-Break® .61 (.27		.61 (.27)
006301	1" F x 1" F PCC Non-Reconnectable Safe-T-Break® .69 (.31)		.69 (.31)
005812R	1" F x 1" F Non-Reconnectable Safe-T-Break® .69 (.31		.69 (.31)

Reconnectable with BSPP

MODEL NO.	DESCRIPTION SHIPPING WEIGHT LBS (KG		HT 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-Reconn	ectable Safe-T-Break® .61 (.27))

Construction

LPM

GPM

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-Recor	nnectable Safe-T-Breaks®	
Body	Aluminum	

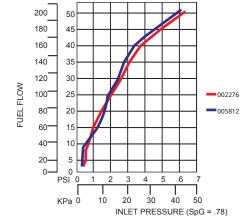
WIDE OPEN FLOW

Model 002276



Model 005812















F&C 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.

Dimensions and System Options

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

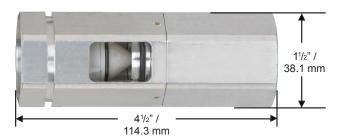
Color Chart

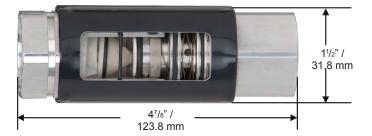
COLOR SUFFIX	SUFFIX	COLOR	
■ Blue	-01	☐ White	-06
Red	-02	■ Gold	-08
Green	-03	Silver	-09
■ Black	-04	■ BP Green	-16
Yellow	-05	Pink	-20

^{**}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.







DEF Safe-T-Break®



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.
- Thread sealant not required with BSPP threads.
- Instant-closing, dual poppet check valve design.
- · Comes standard with guard.

Model 012070

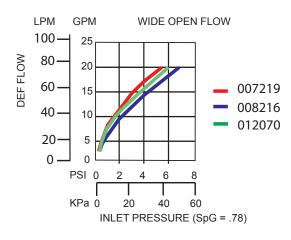
- Reconnectable Safe-T-Break.®
- Maximum separation of 200 lbf / 889.6 N.
- 100% DEF compatible parts.
- Instant-closing, dual poppet check valve design.
- · Comes standard with guard.
- DEF compatible thread sealant required for 3/4" NPT threads.

Safe-T-Breaks®

MODEL NO.	DESCRIPTION	SHIPPING WEIG	HT 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 Reconnectab	le Safe-T-Break®	0.54 (.20)
012659^	3/4" F x 3/4" F BSPP Reconnecta	ble 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 008216



Model 012070/012659



Model 007219













DEF Safe-T-Break®

Stop the flow of fluid on both sides of the separation.

Dimensions and System Options

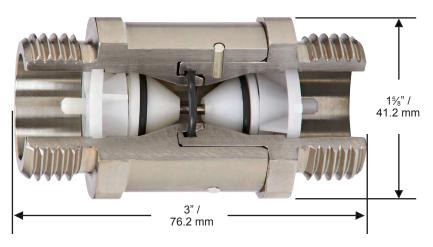
Guards

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

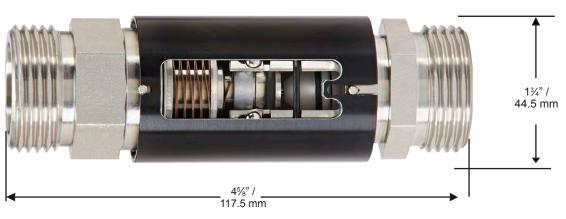


4½" / 117.4 mm

Model 012070/012659

31.7[±]mm

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 & 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 & 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 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 WEIG	HT 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-Reconnectable Safe-T-Break® .61 (.27		.61 (.27)
006301	1" F x 1" F PCC Non-Reconnectable Safe-T-Break® .69 (.31		.69 (.31)
015176	1" F x 1" F Super STB 1" Non-F	Reconnectable	.75 (.34

Reconnectable with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
003076	1" F x 1" F Reconnectable Safe-1	T-Break® .75 (.34)
003076A	1" F x 1" F Reconnectable Safe-1	Γ-Break® - Atex .75 (.34)

Non-reconnectable with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGH	T LBS (KG)
006914	1" F x 1" F Non-Reconne	ctable Safe-T-Break®	.61 (.27)
015254	1" F x 1" F Super STB 1"	Non-Reconnectable	.75 (.34)

Construction

Reconnec	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	Aluminum		



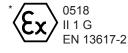
Model 002276

Model 005812











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

GPM WIDE OPEN FLOW LPM 200 50 180 45 160 140 35 120 FUEL FLOW 100 25 002276 80 20 005812 60 15 40 10 20 PSI 30 40 50 KPa 0 10 20 INLET PRESSURE (SpG = .78)



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.

Dimensions and System Options

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

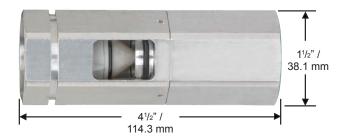
Color Chart

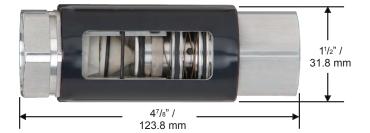
COLOR SUFFIX	SUFFIX	COLOR	
■ Blue	-01	☐ White	-06
Red	-02	■ Gold	-08
Green	-03	Silver	-09
■ Black	-04	■ BP Green	-16
Yellow	-05	Pink	-20

^{**}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.







2325 Husky Way • Pacific, MO 63069

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

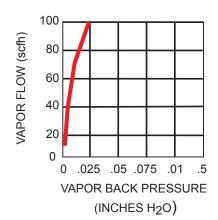
Body	Aluminum
Seals	Fluorocarbon
Springs	Stainless Steel
Threads	1 ⁷ / ₈ " x 12
	Stainless steel load and latch spring reverse mechanism Hardened stainless steel latch ring and balls



Model 3600VR



Model 005900

















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.

Dimensions and System Options

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.

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

7.1" / 180.3 mm

Model 005900 21/16" / 52.4 mm 7.1" / 180.3 mm



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.
- EVR Certified per CARB CP-201.
- Meets the reconnect endurance test of the UL Standard 567.
- 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.

Models 004034A/005134A

 Separates between 180-337 lbf / 800-1500 N.

Model 006560

- Reconnectable Safe-T-Break in the same style and design as the Model 004034 including the same fuel/ vapor paths and separation force.
- 1-1/4" X 18 Threads.
- EVR Certified per CARB CP-201.

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.
- EVR Certified per CARB CP-201.

Model 015377

- Non-reconnectable Safe-T-Breaks® in the same style and design as Model 006560, including the same fuel / vapor paths and separation force.
- EVR Certified per CARB CP-201.

Reconnectable

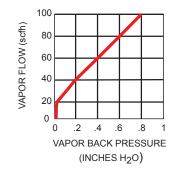
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
004034	Reconnectable Safe-T-Break®	1.0 (.45)
004034A*	Reconnectable Safe-T-Break® - A	Atex 1.0 (.45)
006560	Reconnectable Safe-T-Break® fo	or 1-1/4" THREADS 1.0 (.45)

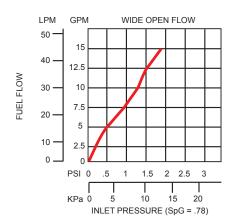
Non-reconnectable

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)
015377	Non-reconnectable Safe-T-Break@	0 1-1/4" 1.0 (.45)

Construction

Body	Aluminum
Seals	Fluorocarbon
Springs Springs	Stainless Steel Stainless Steel Stainless steel load and latch spring reverse mechanism Hardened stainless steel latch ring and balls
Threads	004034, 004034A, 005134 and 005134A = M34 x 1.5 006560 and 15377= 1-1/4" x 18







Model 004034



Model 005134













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.

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



Model 005134



Model 006560



Model 015377







E85 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 E85.
- Unit is lightweight, inexpensive and disposable.
- Features same instant closing dual poppet check valve design as Model 006360.
- Maximum separation of 300 lbf / 1334.5 N.

E85 Safe-T-Breaks®

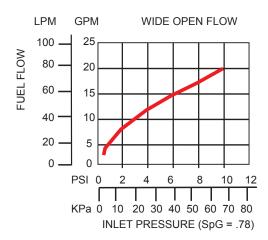
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
006273	¾" F x ¾" F Standard Non-Reconnectable	
	Safe-T-Break®	.30 (.13)

Construction

Body	Aluminum with Electroless Nickel Plating	
Seals	Fluorocarbon and Fluorosilicone	
Springs	Stainless Steel	
Threads	¾" / 19.1 mm NPT	



Model 006273









E85 Safe-T-Breaks®

All Husky® Safe-T-Breaks® stop the flow of fuel on both sides of the separation.

Dimensions and System Options

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007000	Safe-T-Break® Drain Cup
003813	Safe-T-Break® Demonstration Kit







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.

- EVR Certified per CARB CP-201.
- High impact resistant polymer housing.
- Two straight screwdrivers used to separate. For easier install and maintenance on other hanging hardware.
- Assurance of proper reconnection using a simple "twist of lock" feature.
- · Low scuff housing.

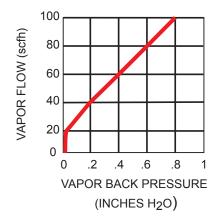
- Stops flow on both sides of break.
- Reconnectable Safe-T-Break® for the vapor assist systems: coaxial hoses with fuel "outside" hose, vapor return "inside" hose.
- Unique vapor valve stops vapors from escaping after a drive away.
- Separates at less than 225 lbs / 1000.9 N to minimize backlash damage.

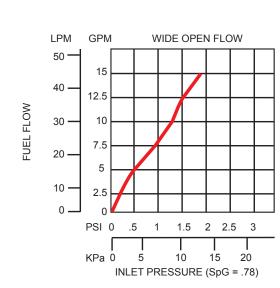
Vac Assist MAGBREAK®

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
008332	MAGBREAK® Coax M34 CK	1.36 (.62)
014592	MAGBREAK® Coax 1.25	1.36 (.62)

Construction

Body	Aluminum
Seals	Fluorocarbon
Springs	Stainless Steel
Threads	8332 = M34 x 1.5 and 14592 = 1-1/4" x 18







VAC ASSIST MAGBREAK®











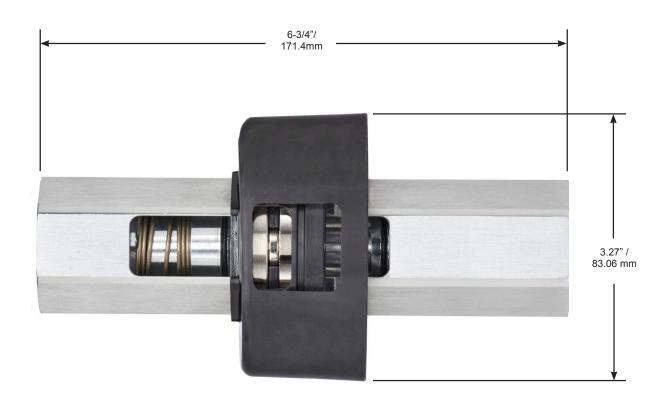
VAC ASSIST MAGBREAK®

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.

Dimensions

Replacement Parts

MODEL NO.	DESCRIPTION	
008632	MAGBREAK LOWER HALF 008332	
015416	MAGBREAK LOWER HALF 014592	







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.

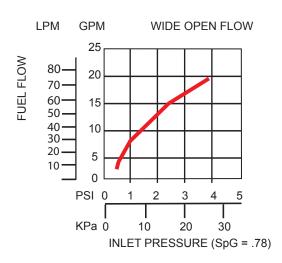
E25 Safe-T-Breaks®

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG
006360	¾" F x ¾" F Reconnectable Saf	e-T-Break® .58 (.26

Construction

Body	Aluminum with Electroless Nickel Plating	
Seals	Fluorocarbon and Fluorosilicone	
Springs	Stainless Steel Stainless steel load and latch spring reverse mechanism Hardened stainless steel latch ring and ball	
Threads	¾" / 19.1 mm NPT	











E25 Safe-T-Breaks®

All Husky® Safe-T-Breaks® stop the flow of fuel on both sides of the separation.

Dimensions and System Options

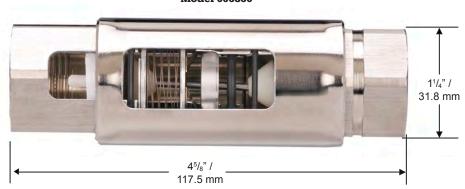
Guards

MODEL NO.	DESCRIPTION	
003097	Black Scuff Guard	

Accessories, Testing and Maintenance

MODEL NO.	DESCRIPTION
007000	Safe-T-Break® Drain Cup
003813	Safe-T-Break® Demonstration Kit

Model 006360







Inline **STB**



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.

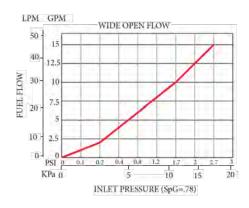
New Inline SAFE-T-BREAK®

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
008521A	Inline Safe-T-Break®	.45 (.20)

Construction

Body	Aluminum	_
Seals	Fluorocarbon	
Threads	M34 x 1.5	











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

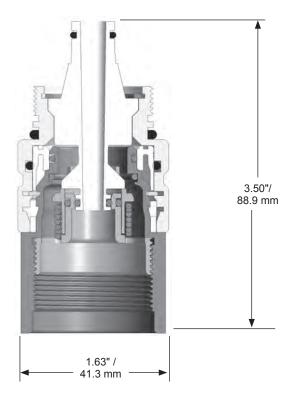


Inline **STB**

Inline SAFE-T-BREAK®.

Dimensions









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.

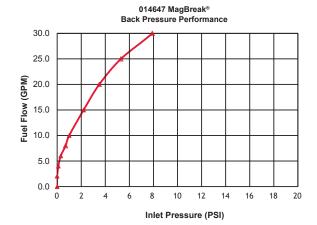
- High impact resistant polymer housing.
- Compatible with unleaded, diesel, and all Ethanols blends through E85
- Features same separation mechanism as Model 008330
- Lighter than competing magnetic breakaways.
- Two straight screwdrivers used to separate.
- For easier install and maintenance on other hanging hardware

- 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.



E25/E85 MAGBREAK®

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
014647	MAGBREAK® 3/4" F x 3/4" F E25/85	NPT 1.21 (.55)
	(Separates at less than 200 pound	is pull force)









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



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.

Dimensions







2325 Husky Way • Pacific, MO 63069





Swivel/Safe-T-Break® Combos

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	¾" NPT M x ¾" NPT F Multi-Plane Swivel	
	Reconnectable Safe-T-Break®	.90 (.40)
007085	¾" BSP M x ¾" BSP F Multi-Plane Swivel	
	Reconnectable Safe-t-Break®	.90 (.40)
007085A*	¾" BSP M x ¾" BSP F Multi-Plane Swivel	
	Reconnectable Safe-t-Break® - Atex .90 (.40)	

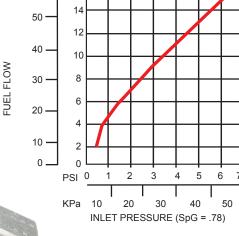
Construction

LPM 60

GPM

Body	Aluminum, Zinc Alloy
Seals	Fluorosilicone, Fluorocarbon
Springs	Stainless Steel
Threads	Various

WIDE OPEN FLOW













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



Swivel/STB Standard

Husky Model 006310 Swivel Safe-T-Break® Combination for standard fueling applications.

Dimensions

Guards

MODEL NO.	DESCRIPTION
006534	Scuff Guard for Safe-T-Break®

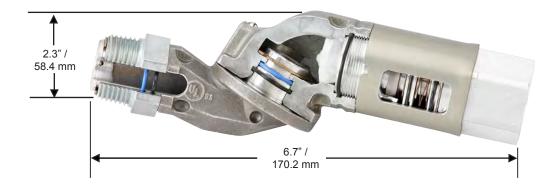
Color Chart

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.





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



Swivel/STB High Volume



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 S	Swivel
	Reconnectable Safe-T-Break®	1.5 (0.7)
008015A*	1" BSP M x 1" BSP F Multi-Plane S	Swivel
	Reconnectable Safe-T-Break® - At	ex 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® - At	tex 1.5 (0.7)

Construction

Body	Aluminum, Zinc Alloy
Dody	Attilliani, Zinc Attoy
Seals	Fluorocarbon
Springs	Stainless Steel
Threads	Various











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

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

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.





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Swivel/STB Inline Combo



Inline COMBO.



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

- 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

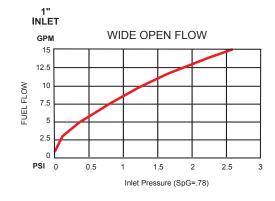
Body: Anodized aluminum /Alodined Aluminum

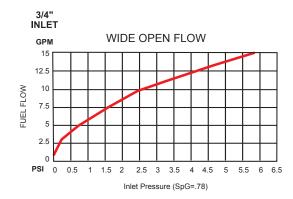
Seals: Fluorocarbon

Nuts: Stainless steel, electroless nickel-plated steel

Inline Combo

MODEL NO.	Scuff Guard	Fuel/ DEF	Swivel	Swivel Thread	STB Thread	ATEX	Shipping Weight
012828	Х	DEF	360°	3/4" BSP 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
014438A*	Х	DEF	360°	1" BSP M	1" BSP M	_	.90lbs/.40KG













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



Swivel/STB Inline Combo

Inline COMBO

Dimensions and System Options

Guards

MODEL NO.	DESCRIPTION
0008526	Scuff Guard for Safe-T-Break®

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.









Guards

HUSKY® Guards



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

Safe-T-Break® Guards

- Protects dispenser from damage caused by the Safe-T-Break® and whip hose.
- Protects the Safe-T-Break® against corrosion due to environmental exposure.
- Enhanced protection of the Safe-T-Break® during separations.
- Provides a clean / more streamline appearance.
- Available in multiple colors to coordinate with the nozzle guards.
- Available with E85 logo.

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)



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

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.



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POPD Guards



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.
- Guards come standard with clear cover to protect the advertisement.
- Clear cover contains UV stabilizer for durability and to prevent discoloring.
- Built-in to the nozzle guard for easy installation.



Square Guard

Full Grip Nozzle Guards

MODEL NO.	DESCRIPTION		0
006665	X, XS®, XFS Nozzles	Х	
006655	1A, 1HS, 1GS Nozzles	Х	
007352	VIII, VIIIS Nozzles	Х	
006660	V34 Nozzles	Х	
007175	11A Nozzles	Х	
007180	11B Nozzles	Х	
008183	1A, 1GS, 1HS, Nozzles		Х
008184	V34 Nozzle		Х
008185	X, XS®, XFS Nozzles		Х
008186	VIII, VIIIS, Nozzles		Х
008187	11A Nozzles		Х
008188	11B Nozzles		Х

Full Grip Nozzle Reguards

MODEL NO.	DESCRIPTION		Q_{\perp}
007205	X, XS®, XFS Nozzles	Х	
007210	1A, 1HS, 1GS Nozzles	Х	
007220	V34 Nozzles	Х	
007225	11A Nozzles	Х	
007230	11B Nozzles	Х	
008194	VIII, VIIIS Nozzles	Х	
008190	1A, 1GS, 1HS Nozzles		Х
008191	V34 Nozzle		Х
008192	X, XS®, XFS Nozzles		Х
008193	VIII, VIIIS Nozzles		Х
008195	11A Nozzles		Х
008196	11B Nozzles		Х

Clear Cover

MODEL NO.	DESCRIPTION
006628	POPD S Clear Cover
007999	POPD H Clear Cover

EZ Guards

MODEL NO.	DESCRIPTION		0
008175	X, XS®, XFS Nozzles	Х	
007990	11A Nozzles	Х	
007992	11B Nozzles	Х	
008176	X, XS®, XFS Nozzles		Х
007991	11A Nozzles		Х
007993	11B Nozzles		Х







POPD Guards

Point of purchase display nozzle guards.

System Options

Mate Nozzle Guards

MODEL NO.	DESCRIPTION		0
008169	1A, 1GS, 1HS Nozzles	Х	
008165	X, XS®, XFS Nozzles	Х	
008167	VIII, VIIIS Nozzles	Х	
008171	11A Nozzles	Х	
008173	11B Nozzles	Х	
008170	1A, 1GS, 1HS Nozzles		Х
008166	X, XS®, XFS Nozzles		Х
008168	VIII, VIIIS Nozzles		Х
008172	11A Nozzles		Х
008174	11B Nozzles		Х
015247	X,XS International Polymer Handguard Nozzles		Х
015253	X,XS International Polymer Handguard Nozzles without Clear Cover		Х

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	SUFF	IX 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

For custom colors, a minimum order of 4,000 guards will be required.



Horseshoe Guard 🕥





Spouts



Spout assemblies.

- 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 S	HIPPING 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 Assemb with Streamshaper®	.3 (.14)
010432	X, XS®, 1A, 1GS Long Spout Assemble with Streamshaper®	y .4 (.18)
014376	X, XS®, 1A, 1GS Spout Assembly with with Streamshaper®	hout Spout Spring, .4 (.18)
014420	X, XS®, 1A, 1GS Spout Assembly with Spout Ring	h 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	
003358	XFS Spout Assembly with Hanging Hook .6 (
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)





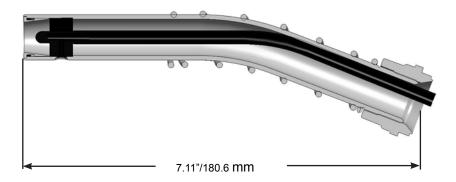


1GS Spouts

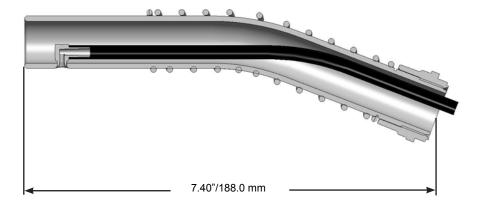
Spout assemblies.

Dimensions

Unlead Spouts



Light Duty Diesel Spout



High Flow/High Volume Spout





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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)





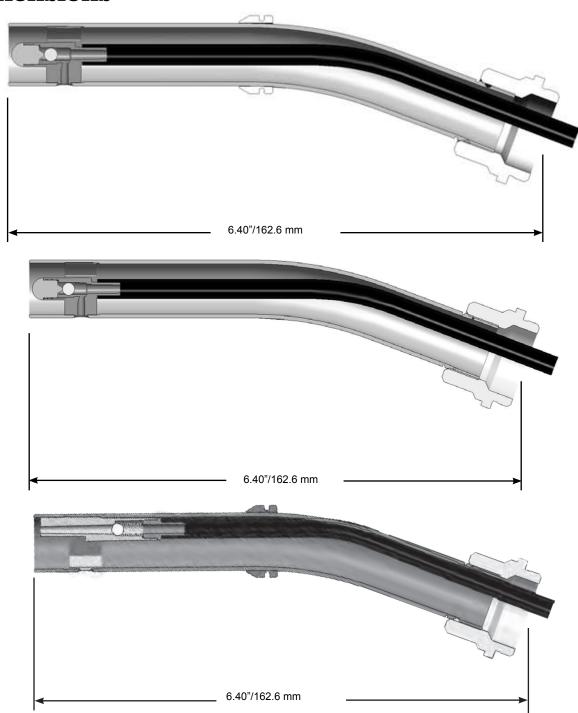




DEF Spouts

Spout Assemblies.

Dimensions





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VIII, VIIIS Spouts



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)





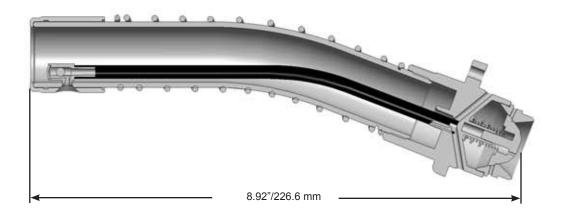


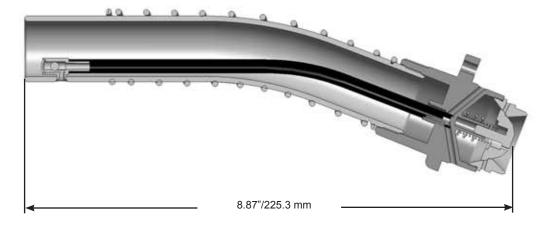
VIII, VIIIS Spouts

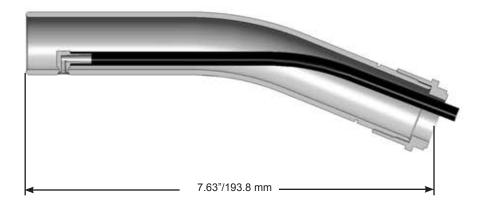
Spout assemblies.

Dimensions

High Flow/High Volume Spouts









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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.





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 Spla	
006291	V34 Spout Assy Kit (Includes 0040 006391 Spout Assembly)	00 VSG and .3 (.14)
006389	V3 Spout Assembly (without Waff	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 WEIGH	T LBS (KG)
006261	V34C Spout Assembly Kit (Include	des 004000 Vsg)	.4 (.18)
006361	V34 Spout Assembly Kit (Include	es 004039 Clamp)	.3 (.14)



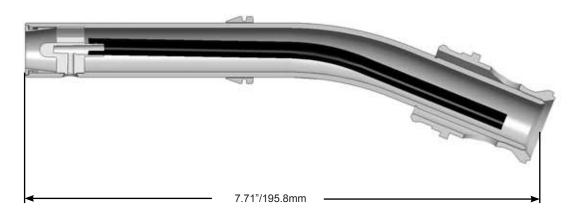


V3 & V34 Spouts

Spout assemblies.

Dimensions

Vacuum Assist Vapor Recovery







E85 Spouts



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)	





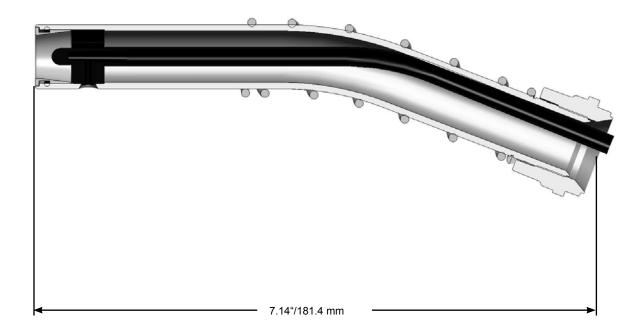
SPOUT ASSEMBLIES



E85 Spouts

Spout Assemblies.

Dimensions







Pressure/Vacuum Vents

STANDARD 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).

- 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.

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

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. 2.5-6 IN. W.C.	
VAC. 6-10 IN. W.C.	
.05 CFH @ +2 IN. W.C.	
.21 CFH @ -4 IN. W.C.	









STANDARD 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).

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







CARB 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).

- 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.
- 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)
005885*	2 in / 51 mm Thread-On Pressure /	
	Vacuum Vent Cap with internal se	creen 1.2 (.54)

Construction

Aluminum
40 Mesh Stainless Steel
40 Mesh Stainless Steel
Stainless Steel
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 CFH @ +2 IN. W.C.	
.21 CFH @ -4 IN. W.C.	









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



CARB P/V 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).

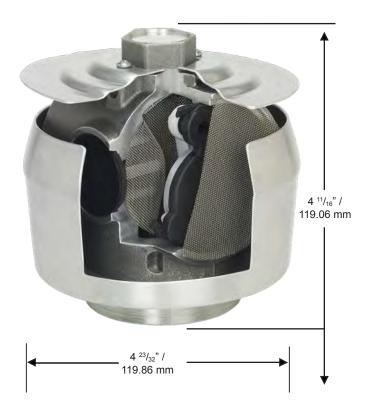
Dimensions and System Options

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

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
007089	Nozzle Service Kit(includes part 006662 NSD, 007000 Safe-T- Drain Cup, 007004, Fuel Filter Ci 007086 Service Pail, 007088 NSD 007332 Shear Valve Wrench and 007098 Fuel Filter Tool)	ıp,

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

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
007263	Deluxe Nozzle Service Kit (includ- part 006662 NSD, 007000 Safe-T-I Drain Cup, 007004, Fuel Filter Cu 007086 Service Pail, 007332 Shea Wrench, 007348 Deluxe Service P and 007349 Deluxe Fuel Filter Pli	Break® p, r Valve liers

Construction

Service Pail	Steel
Nozzle Service Device (NSD)	Polypropylene
Safe-T-Break® Drain Cup	Polypropylene
Fuel Filter Cup	Plastisol







Nozzle Service Kit

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

For custom colors, a minimum order of 4,000 guards will be required.











Part No. 007004



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HCA Hose Conversion Adaptor



Hose Conversion Adaptor

 Easy conversion of vapor recovery dispenser manifold to accept conventional hose configurations.



New Hose Conversion Adaptor

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
006941	Hose Conversion Adaptor M34 x 1	.5 .18 (.40)
006959	Hose Conversion Adaptor Balance	d .26 (.57)
009500	Hose Conversion Adaptor 1-1/4"	-18 .18 (.40)

Specifications

- 1 piece machined aluminum fittings
- Fluorocarbon o-rings.

Advantages

• Simple installation

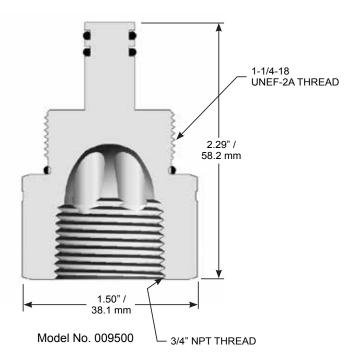


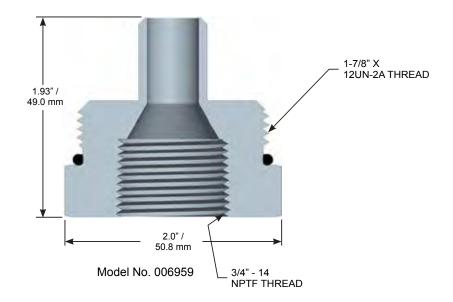
HCA Hose Conversion Adaptor

Hose Conversion Adaptor

Dimensions









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Mobile Fill Neck Device



Mobile Fill Neck Device For Functional Testing of Automatic Shut-Off Nozzles

- Optimized for assessing nozzle performance by simulating a real-time tank fueling environment
- Equipped with a ball valve for easy drainage and cleanup
- Engineered to have a robust design that ensures longevity
- Built with the leading fill neck in the industry
- Anodized to prevent corrosion
- Unique design aids service technicians with diagnosis of damaged or worn nozzles in the field

Mobile Fill Neck

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
014381	Unleaded Mobile Fill Neck Device	

Construction

Anodized Aluminum, Stainless Steel, and Brass







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Mobile Fill Neck Device For Functional Testing of Automatic Shut-Off Nozzles

Testing and Maintenance Options

Nozzle Service Kit Accessories

-10000	501 1100 1110 110005501105
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
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)
007098	Fuel Filter Tool (Wrench)
007099	Fuel Filter Service Kit (includes part 007004 Fuel Filter Cup and 007098 Fuel Filter Tool)
007262	Basic Nozzle Service Kit (includes part 006662 NSD, 007000 Safe-T-Break® Drain Cup, 007004, Fuel Filter Cup and 007086 Service Pail)
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)
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

For custom colors, a minimum order of 4,000 guards will be required.









Part No. 007000



Part No. 007004



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Flo-EqualizersTM

FLO-Equalizer®



SHIPPING WEIGHT LBS (KG)

.37 (0.16)

.43 (0.19)

.37 (0.16)

.02 (0.01)

Husky Flo-Equalizers® limit fuel flow to a maximum 10 gpm / 37.9 Lpm to comply with Comprehensive Environmental Response, Compensation, and Liability Act.

Flo-Equalizer®

Construction

DESCRIPTION

1%" x 12 threads

M34 x 1.5 threads

Internal use only

007490: Plastic

004490 and 700490: N/A

¾" F x ¾" F NPT threads

004490, 005827 and 005837: Aluminum

005827 and 005837: Fluorocarbon

MODEL NO.

004490

005827

005837

007490

Body

Seals

- 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.





Model 005827



Model 005837





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FLO-Equalizer®

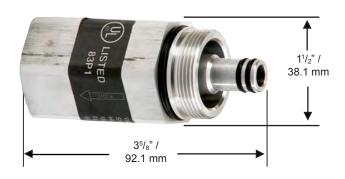
Husky Flo-Equalizers® limit fuel flow to a maximum 10 gpm / 37.9 Lpm to comply with Comprehensive Environmental Response, Compensation, and Liability Act.

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.





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 Adapt	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	or .20 (.10)
010675	1" F x 1" F BSPP Straight Adaptor	.20 (.10)
011477	1" M BSPP x 3/4" F NPT Straight	Adaptor .22 (.10)
012872	1" M BSPP x 3/4" F BSPP Straight	Adaptor .22 (.10)

Model 007356



Model 007285











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DEF Adaptors

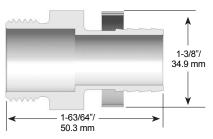
Diesel Exhaust Fueling Adaptors.

Dimensions and System Options

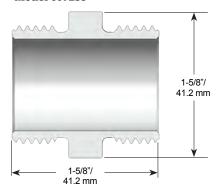
Accessories

MODEL NO.	DESCRIPTION
007406	3/4" DEF Seal Kit
007407	1" DEF Seal Kit

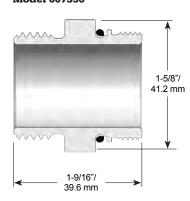
Model 007214



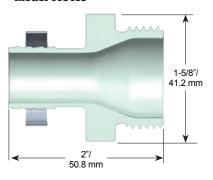
Model 007285



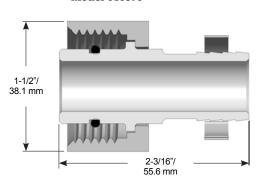
Model 007356



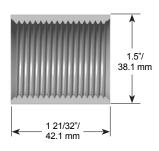
Model 008413



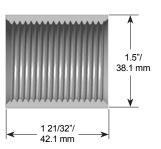
Model 010579



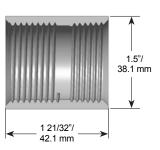
Model 010675



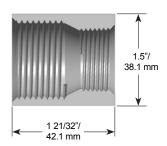
Model 010227



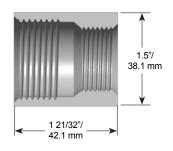
Model 010549



Model 010551

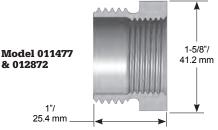


Model 010553





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Hoses

EagleFlex® Hardwall



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.

- 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 and CAN/ ULC-S612-99.
- All curb pump hose assemblies are 100% pressure tested, inspected for electrical continuity and sample pull tested.

SV TYPE SV TYPE SV TYPE R TYPE L/MB TYPE L/MB TYPE LSV/LSVB TYPE

Hardwall Hoses

MODEL NO.	DESCRIPTION	SHIPPING WEIG	SHIPPING WEIGHT LBS (KG)		
5/8" HOSES					
CP10HW01	5/8" Hardwall 1' Asse	embly Hose	0.39 (0.58)		
CP10HW09	5/8" Hardwall 9' Asse	embly Hose	3.5 (1.6)		
3/4" HOSES					
CP12HWG08	3/4" GreenHardwall	8' Assembly Hose	3.8 (1.7)		
CP12HWG09	3/4" Green Hardwall	9' Assembly Hose	4.2 (1.9)		
CP12HWG09SV	/ 3/4" Green Hardwall	9' Assembly Hose Swivel	4.2 (1.9)		
CP12HWG10	3/4" Green Hardwall	10' Assembly Hose	4.7 (2.1)		
CP12HWG12SV	/ 3/4" Green Hardwall	12' Assembly Hose Swivel	5.6 (2.5)		
CP12HW09	3/4" Hardwall 9' Asse	embly Hose	4.2 (1.9)		
CP12HW09.5	3/4" Hardwall 9.5' As	ssembly Hose	4.5 (2.0)		
CP12HW09SV	3/4" Hardwall 9' Asse	embly Hose Swivel	4.2 (1.9)		
CP12HW12	3/4" Hardwall 12' As	sembly Hose	5.6 (2.5)		
CP12HW14	3/4" Hardwall 14' As	sembly Hose	6.6 (3.0)		
CP12HW14X	3/4" Hardwall 14' As	sembly Hose Bulk	6.6 (3.0)		
CP12HW15X	3/4" Hardwall 14' As	sembly Hose Bulk	6.6 (3.0)		
CP12HW17	3/4" Hardwall 17' As	sembly Hose	8.0 (3.6)		
CP12HW9.5X	3/4" Hardwall 9.5' As	ssembly Hose Bulk	4.5 (2.0)		
CP12HW01L	3/4" Hardwall 14' As	sembly Hose	6.6 (3.0)		
CP12HWR01L	3/4" Hardwall 14' As	sembly Hose	6.6 (3.0)		
CP12HW01LSV	3/4" Hardwall 14' As	sembly Hose	6.6 (3.0)		

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 10' Assembly Hose	6.4 (2.9)
CP16HW10X	1" Hardwall 10' Assembly Hose Bulk	6.4 (2.9)
CP16HW15	1" Hardwall 15' Assembly Hose	9.6 (4.4)
CP16HW15X	1" Hardwall 15' Assembly Hose Bulk	9.6 (4.4)
CP16HW17	1" Hardwall 17' Assembly Hose	10.9 (4.9)
CP16HW20X	1" Hardwall 20' 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" Green Hardwall Available







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EagleFlex[®] Hardwall

Premium Hardwall Gasoline Pump Hose.

System Options

Available in these Sizes

ID		NOM OD MAX WP		WEIGHT			
Size	MM	IN	мм	PSI	MPA	LB/FT	KG/M
5/8"	16	1.03	26	150	1.03	0.39	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 (R type) and reattachable swivel (SV type) 3/4" and 1" male NPT. UL does not recognize field installation of reattachable fittings.

External crimp zinc swivel 3/4" and 1" male NPT one side, fixed other side (L SV type) or swivel 3/4" male BSPP, fixed NPT other side (L SVB type).

External crimp zinc swivels on both sides (L SV SV, L SV SVB, or L SVB SVB type).

External crimp aluminum 1" male BSPP both ends (MB type).

External crimp aluminum 1" male BSPP one end, external crimp unplated zinc 1" male NPT other end (L MB type).





EagleFlex® Softwall



Softwall Gasoline Pump Hose.

- 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.
- A lightweight, flexible hose Excellent strength without 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	ılk 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	k 9.4 (4.3)
CP16SW60	1" Softwall 60' Assembly Hose	28.2 (12.8)



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)









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EagleFlex® Softwall

Softwall Gasoline Pump Hose.

System Options

Available in these Sizes

ID		NON	N OD	MAX WP		WEIGHT	
Size	мм	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.





EagleFlex® Wirebraid



Wirebraid Gasoline Pump Hose.

- Recommended anywhere a hardwall or softwall hose is appropriate.
- 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.

- 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.

(See page two for coupling descriptions) Leflexe WB 3/4" WIREBRAID GASOLINE HOSE 'N. MH20477 Me L/MB TYPE Flexe WB 3/4" WIREBRAID GASOLINE HOSE 'N. MH20477 R/SV TYPE L SV/L SVB TYPE







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Wirebraid Hoses

MODEL NO. DE	SCRIPTION SHIPPING WE	IGHT 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)
CP12WB01L	3/4" Wirebraid 14' Assembly Hose	5 9 (2 7)
CP12WB01SV	3/4" Wirebraid 14' Assembly Hose Swivel	5.9 (2.7) 5.9 (2.7)
CP12WB01LSV	3/4" Wirebraid 14' Assembly Hose Swivel	5.9 (2.7)
		()
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	5.0 (2.3)
CP16WB10X	1" Wirebraid 10' Assembly Hose Bulk	5.0 (2.3)
CP16WB100SV	1" Wirebraid 100' Assembly Hose Swivel	50.0 (22.7)
CP16WB100SVSV	1" Wirebraid 100' Assembly Hose w/ Swivel	FO O (22 7)
CD4(WD42	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 1" Wirebraid 50' Assembly Hose Swivel	15.0 (6.8)
CP16WB50SV		25.0 (11.3)

Construction

Tube	Black Nitrile
Cover	Black CPE (cholrinated polyethylene), wrap impression
Reinforcement	One wirebraid 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

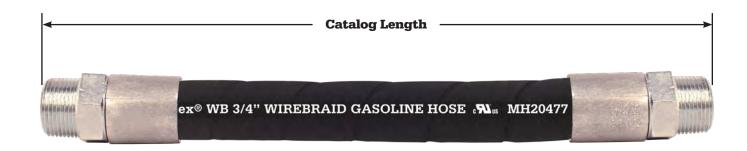
II)	NON	N OD	MAX	(WP	WEI	GHT
Size	мм	IN	MM	PSI	MPA	LB/FT	KG/M
5/8"	16	0.97	25	150	1.03	0.35	0.52
3/4"	19	1.10	28	150	1.03	0.42	0.63
1"	25	1.34	34	150	1.03	0.50	0.74

Couplings

Permanent internally expanded fixed chrome plated brass (X type) or external crimp zinc (L type).

Reattachable fixed (R type) and reattachable swivel (SV type) 3/4" and 1" male NPT. UL does not recognize field installation of reattachable fittings.

External crimp zinc swivel 3/4" and 1" male NPT (L SV type) or 3/4" male BSPP (L SVB type).





EagleFlex® Farm Tank 💩



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

MODEL NO.	DESCRIPTION	SHIPPING WEIGH	IT LBS (KG)
3/4" HOSES			
FT012S10	3/4" x 10' Far	m Tank Assembly Hose Bulk	2.9 (1.3)
FT012S12	3/4" x 12' Far	m Tank Assembly Hose Bulk	3.5 (1.6)
FT012S12B	3/4" x 12' Far	m Tank Assembly Hose Boxed	3.5 (1.6)
FT012S14	3/4" x 14' Far	m Tank Assembly Hose Bulk	4.1 (1.9)
FT012S14B	3/4"x 14' Farr	n Tank Assembly Hose Boxed	4.1 (1.9)
FT012S15	3/4" x 15' Far	m Tank Assembly Hose Bulk	4.4 (2.0)
FT012S15B	3/4" x 15' Far	m Tank Assembly Hose Boxed	4.4 (2.0)
FT012S17	3/4" x 17' Far	m Tank Assembly Hose Bulk	4.9 (2.2)
FT012S20	3/4" x 20' Far	m Tank Assembly Hose Bulk	5.8 (2.6)
FT012S20B	3/4" x 20' Far	m 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)







Gasoline Hose Assemblies with Static Wire.

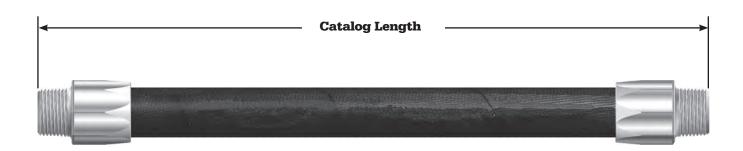
System Options

Available in these Sizes

TI.	D	NON	N 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 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.

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

MODEL NO.	DESCRIPTION	SHIPPING WEIGH	IT LBS (KG)
5/8" HOSES			
CP10HW.75	5/8" Hardwall 9" Assembly Hose		0.3 (0.14)
CP10HW.75L	5/8" Hardwall low cost 9" Assem	nbly Hose	0.3 (0.14)
CP10WB.75M	5/8" Wirebraid medium cost 9"	Assembly Hose	0.3 (0.14)
CP10WB.75SV	5/8" Wirebraid Swivel 9" Assemb	oly Hose	0.3 (0.14)
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		0.3 (0.14)
CP12HWG.75	3/4" Green Hardwall 9" Assembl	y Hose	0.3 (0.14)
CP12HW.75L	3/4" Hardwall low cost 9" Assem	nbly Hose	0.3 (0.14)
CP12HW.75SV	3/4" Hardwall Swivel 9" Assemb	ly Hose	0.3 (0.14)
CP12WB.75L	3/4" Wirebraid low cost 9" Asser	mbly Hose	0.3 (0.14)
CP12WB.75SV	3/4" Wirebraid Swivel 9" Assemb	oly Hose	0.3 (0.14)
1" HOSES			
CP16HW.75	1" Hardwall 9" Assembly Hose		0.5 (0.23)
CP16HW.75L	1" Hardwall low cost 9" Assembl	y Hose	0.5 (0.23)
CP16HW.75SV	1" Hardwall Swivel 9" Assembly	Hose	0.5 (0.23)
CP16WB.75L	1" Wirebraid low cost 9" Assemb	ly Hose	0.5 (0.23)
CP16WB.75SV	1" Wirebraid Swivel 9" Assembly	Hose	0.5 (0.23)

SOFTWALL WHIP HOSE:

· A lightweight, flexible hose for use when a hardwall hose is inappropriate.











Whip Hoses

Dimension





DEF Dispensing



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 WEI	GHT LBS (KG)
3/4" HOSES			
CP12DF10GP	3/4" x 10' DEF	Assembly Hose	2.9 (1.3)
CP12DF12GP	3/4" x 12' DEF	Assembly Hose	3.5 (1.6)
CP12DF12GPX	3/4" x 12' DEF	Assembly Hose Bulk	3.5 (1.6)
CP12DF14GP	3/4" x 14' DEF	Assembly Hose	4.1 (1.9)
CP12DF14GPX	3/4"x 14' DEF A	ssembly Hose Bulk	4.1 (1.9)
CP12DF15GP	3/4" x 15' DEF	Assembly Hose	4.4 (2.0)
CP12DF15GPX	3/4" x 15' DEF	Assembly Hose Bulk	4.4 (2.0)
CP12DF17GP	3/4" x 17' DEF	Assembly Hose	4.9 (2.2)
CP12DF20GP	3/4" x 20' DEF	Assembly Hose	5.8 (2.6)
CP12DF20GPX	3/4" x 20' DEF	Assembly Hose Bulk	5.8 (2.6)
CP12DF10AN	3/4" x 10' DEF A	Assembly Hose w/ 3/4" Tittings	2.9 (1.3)
CP12DF10ANB	3/4" x 10' DEF A	Assembly Hose with 3/4" Fittings	2.9 (1.3)
CP12DF10ANF	3/4" x 10' DEF a 1" Female BSPF	Assembly Hose with Fittings	2.9 (1.3)

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)







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DEF Dispensing

DEF hose assemblies without static wire.

System Options

Available in these Sizes

- II	D	NON	N OD	MAX	WP	WEI	GHT
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 polypropylene stem with brass ferrule (GP type) or 3/4" BSPP (GPM type)

Permanent externally crimped 3/4" NPT anodized aluminum stem with stainless steel ferrule (AN type)

Permanent externally crimped 3/4" BSPP anodized aluminum stem with stainless steel ferrule (ANB type)

Permanent externally crimped 1" female BSPP anodized aluminum stem with stainless steel ferrule (ANF type) $\,$

Permanent externally crimped 1" female & 3/4" male BSPP anodized aluminum stems with stainless steel ferrules (ANB type)





EagleFlex® Low Perm Hardwall



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 WEI	GHT LBS (KG)	
5/8" LP HOS	ES			
CP10LP8.5	5/8" Low Perm Hardwall 8.5	Assembly Hose	3.8 (1.7)	
CP10LP10	5/8" Low Perm Hardwall 10'	Assembly Hose	4.7 (2.1)	
3/4" LP HOSES				
CP12LP8.5	3/4" Low Perm Hardwall 8.5	Assembly Hose	3.8 (1.7)	
CP12LP8.5SV	3/4" Low Perm Hardwall 8.5" Hose Swivel	Assembly	4.2 (1.9)	
CP12LP9	3/4" Low Perm Hardwall 9' A	ssembly Hose	4.2 (1.9)	
CP12LP9SV	3/4" Low Perm Hardwall 9' A Hose Swivel	ssembly	4.7 (2.1)	
1" LP HOSES				
CP16LP8	1" Low Perm Hardwall 8' Asse	embly Hose	6.4 (2.9)	
CP16LP14	1" Low Perm Hardwall 14' As	sembly 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)









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EagleFlex® Low Perm Hardwall

Premium Low Permeation Hardwall Gasoline Pump Hose.

System Options

Available in these Sizes

II)	NON	N OD	MAX	(WP	WEI	GHT
Size	мм	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



- · 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 ($\leq 10g/m^2/$ 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

Whip Low Perm Hoses

MODEL NO.	DESCRIPTION SHIPPING WEIGH	IT LBS (KG)
5/8" LP HOS	ES	
CP10LP.75	5/8" Low Perm Hardwall 9" Assembly Hose	0.72 (0.3)
CP10LP.75SV	5/8" Low Perm Hardwall 9" Swivel Assembly Hose	0.72 (0.3)
3/4" LP HOS	ES	
CP12LP.75	3/4" Low Perm Hardwall 9" Assembly Hose	1.00 (0.5)
CP12LP.75SV	3/4" Low Perm Hardwall 9" Swivel Assembly Hose	1.00 (0.5)
1" LP HOSES	}	
CP16LP.75	1" Low Perm Hardwall 9" Assembly Hose	1.20 (0.5)
CP16LP.75SV	1" Low Perm Hardwall 9" Swivel Assembly Hose	1.20 (0.5)











Whip Low Perm Hoses

System Options

Available in these Sizes

II)	NON	N OD	MAX	(WP	WEI	GHT
Size	мм	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.

- 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





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Specifying Information

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1" BULK HOSES		,
9769	Hose, 1" Red Fuel Oil 10	0' 47 (21.3)
9769	Hose, 1" Red Fuel Oil 12	5' 59 (26.8)
9769	Hose, 1" Red Fuel Oil 15	0' 71 (32.2)
1 ¹ / ₄ " BULK HOSES	S	
9770	Hose, 11/4" Red Fuel Oil	100' 59 (26.8)
9770	Hose, 11/4" Red Fuel Oil	125' 74 (33.6)
9770	Hose, 11/4" Red Fuel Oil	150' 89 (40.4)
11/2" BULK HOSES	5	
9771	Hose, 11/2" Red Fuel Oil	100' 80 (36.3)
9771	Hose, 11/2" Red Fuel Oil	
9771	Hose, 11/2" Red Fuel Oil	150' 120 (54.4)
1" HOSES		
CP161200FABA	1" x 100' Red Fuel Oil As	sy M x M 49 (22.2)
CP161200FBBA	1" x 100' Red Fuel Oil As	sy M x F 49 (22.2)
CP161200FCBA	1" x 100' Red Fuel Oil As	sy F x F 49 (22.2)
CP161500FABA	1" x 125' Red Fuel Oil As	sy M x M 61 (27.7)
CP161500FBBA	1" x 125' Red Fuel Oil As	
CP161500FCBA	1" x 125' Red Fuel Oil As	sy F x F 61 (27.7)
CP161800FABA	1" x 150' Red Fuel Oil As	sy M x M 73 (33.1)
CP161800FBBA	1" x 150' Red Fuel Oil As	sy M x F 73 (33.1)
CP161800FCBA	1" x 150' Red Fuel Oil As	sy F x F 73 (33.1)
11/4" HOSES		
CP201200FABA	11/4" x 100' Red Fuel Oil	Assy M x M 61 (27.7)
CP201200FBBA	11/4" x 100' Red Fuel Oil	Assy M x F 61 (27.7)
CP201200FCBA	11/4" x 100' Red Fuel Oil	Assy F x F 61 (27.7)
CP201500FABA	11/4" x 125' Red Fuel Oil	Assy M x M 76 (34.5)
CP201500FBBA	11/4" x 125' Red Fuel Oil	Assy M x F 76 (34.5)
CP201500FCBA	11/4" x 125' Red Fuel Oil	Assy F x F 76 (34.5)
CP201800FABA	11/4" x 150' Red Fuel Oil	Assy M x M 91 (41.3)
CP201800FBBA	11/4" x 150' Red Fuel Oil	Assy M x F 91 (41.3)
CP201800FCBA	11/4" x 150' Red Fuel Oil	Assy F x F 91 (41.3)
11/2" HOSES		
CP241200FABA	11/2" x 100' Red Fuel Oil	Assy M x M 82 (37.2)
CP241200FBBA	11/2" x 100' Red Fuel Oil	Assy M x F 82 (37.2)
CP241200FCBA	11/2" x 100' Red Fuel Oil	Assy F x F 82 (37.2)
CP241500FABA	11/2" x 125' Red Fuel Oil	Assy M x M 102 (46.3)
CP241500FBBA	11/2" x 125' Red Fuel Oil	Assy M x F 102 (46.3)
CP241500FCBA	11/2" x 125' Red Fuel Oil	Assy F x F 102 (46.3)
CP241800FABA	11/2" x 150' Red Fuel Oil	Assy M x M 122 (55.3)
CP241800FBBA	11/2" x 150' Red Fuel Oil	Assy M x F 122 (55.3)
CP241800FCBA	11/2" x 150' Red Fuel Oil	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)





Fuel Oil Hose

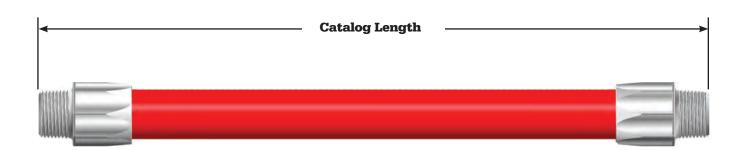
Fuel Oil Permanent Fitting fueling hose recommended for all home fuel oils, leaded and unleaded gasolines, and diesel and tractor fuels.

Available in these Sizes

II)	NON	A OD	MAX	WP	WEI	GHT
Size	мм	IN	мм	PSI	MPA	LB/FT	KG/M
1"	25	1.50	38.0	250	1.72	0.47	0.71
11/4"	32	1.78	45.2	250	1.72	0.59	0.87
11/2"	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)







EagleFlex®



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.

- · 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	SH	HIPPING WEIGHT LBS (KG)
3/4" HOSES			
CP12ET04	3/4" E0-E85 4	1' Assembly Hose	1.7 (0.8)
CP12ET05	3/4" E0-E85 5	' Assembly Hose	2.1 (1.0)
CP12ET06	3/4" E0-E85 6	o' Assembly Hose	2.5 (1.1)
CP12ET08	3/4" E0-E85 8	3' Assembly Hose	3.4 (1.5)
CP12ET09	3/4" E0-E85 9	' Assembly Hose	3.8 (1.7)
CP12ET10	3/4" E0-E85 1	10' Assembly Hose	4.2 (1.9)
CP12ET10X	3/4" E0-E85 1	10' Assembly Hose B	ulk 4.2 (1.9)
CP12ET12	3/4" E0-E85 1	12' Assembly Hose	5.0 (2.3)
CP12ET12X	3/4" E0-E85 1	12' Assembly Hose B	ulk 5.0 (2.3)
CP12ET14	3/4" E0-E85 1	14' Assembly Hose	5.9 (2.7)
CP12ET16	3/4" E0-E85 1	16' Assembly Hose	6.7 (3.0)
CP12ET20	3/4" E0-E85 2	20' Assembly Hose	8.4 (3.8)
CP12ET50X	3/4" E0-E85 5	0' Assembly Hose B	ulk 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)

OF ION ET 3/4 EO-E85 HOSE NI MAZOATT MA







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EagleFlex® E0-E85

E0-E85 Curb Pump Hose.

System Options

Available in these Sizes

II)	NON	N OD	MAX	(WP	WEI	GHT
Size	MM	IN	мм	PSI	MPA	LB/FT	KG/M
3/4"	19	1.10	28	150	1.03	0.42	0.63

Couplings

Permanent externally crimped zinc (L type).









EZ-Connect

4-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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II/-Connect®

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.

components, making it possible to design a pump package to meet specific fuel-dispensing needs.						
This sample chart, using	⁵ /8" Hardwall Hoses, den	nonstrates the many opt	tions available:			
	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, demonstrates the many options available:						
New X DEF N	ozzle w/ ³/4" NPT Connectio	ns/9' Softwall DEF Hose Kit	s^			
		w/012070 Reco				
3/4" 9" Sofltwall DEF Whip Hose		CP12DF.75AN				
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	sh Guard	11676155N				
New Polymer DE	EF Nozzle w/ 3/4" NPT Conn					
		w/012070 Reconnectable STB				
3/4" 9" Softwall DEF Whip Hose		CP12DF.75GP				
Safe-T-Break®		0120				
3/4" 9' Softwall DEF Hose	C. Grahamb, Granud	CP12DI				
New Polymer DEF Automatic Nozzle w/00021	o Spiash Guard	87350	J4N			
Nevar V DEF No	ozzle w/ 3/4" RSPP Connectio	ons/9' Softwall DEF Hose Kit	·e∧			
——————————————————————————————————————	New X DEF Nozzle w/ 3/4" BSPP Connections/9' Softwall DEF Hose Kits^ w/012659 Reconnectable STB					
3/4" 9" Sofitwall DEF Whip Hose		CP12DF				
Safe-T-Break®		012659				
3/4" 9' Softwall DEF Hose		CP12DF09AB				
3/4" Roller Bearing Swivel		0126	556			
New X DEF Automatic Nozzle w/001808 Splas Guard	sh Guard, w/007361 Handle	11676	154N			

^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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Oil Filter Crushers



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.
- (Shipping weight 160 lbs. Shipped UPS.)

New Crushers

MODEL NO.	DESCRIPTION	SHIPPING WEI	GHT LBS (KG)
007605	C-4 Pneumatic Automobile Oil Filter Crusher 108 (48		
007590	Small Crusher Stand for C-4 and C-6 Oil Filter Crushers		101 (45.8)
008203	C-4 Pneumatic Automobile Oi with Crusher Stand (007590)	l Filter Crusher (007	605) 219 (99.3)





Model 007590





Model 007605



C-4 Crusher

C-4 Pneumatic Oil Filter Crusher for automobile filters.

Dimensions and System Options

Repair Parts

Repair raits	
MODEL NO.	DESCRIPTION
007589	C4, C6 90 degree Elbow
007599	C4, C6 TT12 Ball Valve
007602	C4 8" Black Cylinder
007611	C4 Cup Plate
007614	C4 Push Plate
007612	C4 Door
007617	C4 Return Spring
007618	C4 Shaft
007619	C4 Top Bearing
007642	C4, C6 TT12 MJV-3 Air Clippard Valve
007708	C4, C6 3/8" Push-on Connector
007719	C4, C6, TT12 Muffler
007749	C4, C6, TT12 S1205 Safety Valve
007847	C4, C6 Handle
007853	C4 Air Tube / Galvanized Pipe
007859	C4 Neoprene Cup
007860	C4 8" Large O-Ring
007901	C4, C6 Reducer Bushing
007902	C4, C6, TT12 1-1/4" 12 Jam Nut
007903	C4, 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
007914	C4 Drain Hose Adaptor
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









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 lbs. Trucked on pallet.)

New Crushers

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
008207	C-6 Pneumatic SUV Oil Filter Cru	sher 221 (100.2)
007590	Smaller Crusher Stand for C-4 and C-6 Oil Filter Crushers 101 (45.4	
007610	C-6 Pneumatic SUV Oil Filter Cru with Crusher Stand (007590)	sher (008207) 281 (127.5)





Model 008207





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



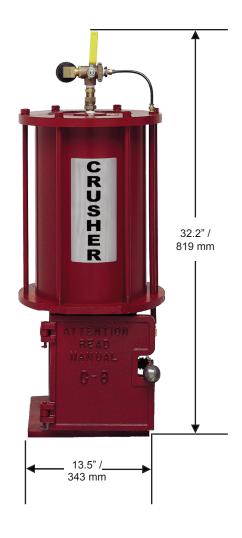
C-6 Crusher

C-6 Pneumatic Oil Filter Crusher for light truck diesel and SUV filters.

Dimensions and System Options

Repair Parts

Nepali Faits		
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	C4, 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	







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 SH	IIPPING WEIGHT LBS (KG)
007715	TT12 Pneumatic Truck Oil Filter Crus	her 418 (189.6)
007550	Large Crusher Stand with Resevoir fo TT12 and TT25 Oil Filter Crushers	r C-6, 172 (78)
008210	TT12 Pneumatic Truck Oil Filter Crus with Crusher Stand with Resevoir (00	





Model 007715





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TT-12 Crusher

Pneumatic Oil Filter Crusher for tractor trailer and truck filters.

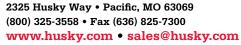
Dimensions and System Options

Repair Parts

Kepair	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	C4, 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









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.

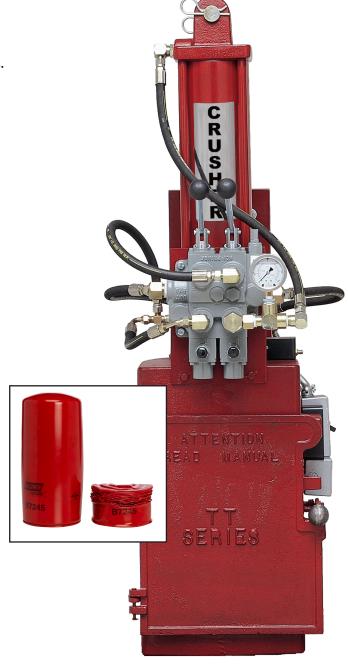
- Overall size on optional stand: 87" high, 23" wide, 31" deep.
- Lifetime warranty on housing, one year limited on all other parts.
- Size: 50" high, 18" wide, 31" deep.
- Optional Stand.
- Crusher weight 404 lbs. With stand 516 lbs. (Shipping weight 576 lbs. Trucked on pallet.)

New Crushers

MODEL NO.	DESCRIPTION SH	IPPING WEIGH	T LBS (KG)
008215	TT25 Electric Hydraulic Oil Filter Cru	sher, 60Hz	464 (210.5)
007550	Large Crusher Stand with Resevoir for TT12 and TT25 Oil Filter Crushers	r C-6,	172 (78)
007720	TT25 Electric Hydraulic Oil Filter Cru with Crusher Stand with Resevoir (00		576 (261.3)



Model 007550



Model 008215





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



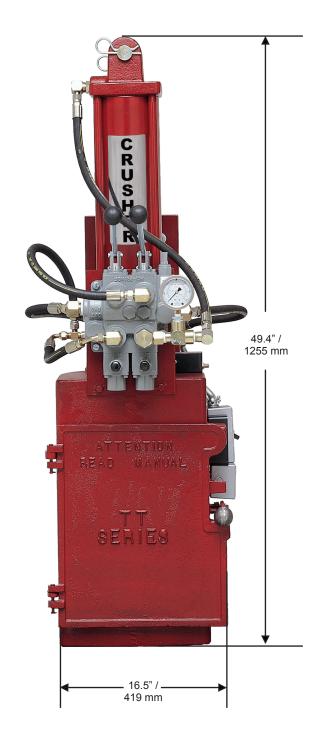
TT-25 CRUSHER

Electric Hydraulic Oil Filter Crusher for tractor trailer and truck filters.

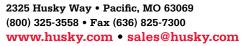
Dimensions and System Options

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
	<u> </u>









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)











Filter Crusher Stands

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

MODEL NO.	DESCRIPTION
007715	TT12 Pneumatic Truck Oil Filter Crusher
008210	TT12 Pneumatic Truck Oil Filter Crusher with #007550 Crusher Stand with Resevoir
008215	TT25 Electronic Over Hydraulic Oil Filter Crusher
007720	TT25 Electronic Over Hydraulic Oil Filter Crusher with #007550 Crusher Stand with Resevoir







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Gauges

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.

- 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

152 mm

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

1.5"/ 38 mm

> 1.5"/ 38 mm

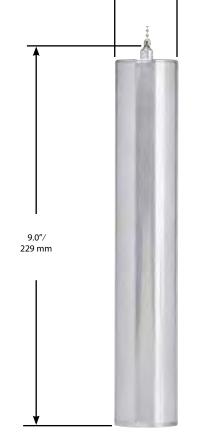
Floats

MODEL NO.	DESCRIPTION
ODLL 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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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 WEIGHT LBS ((G)
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	oat, 2" NPT 2.5 (1	.1)









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.

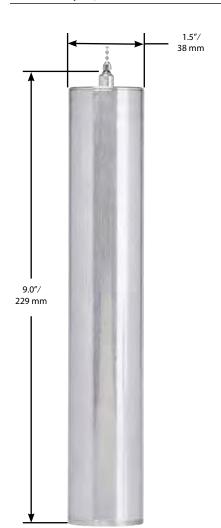
Dimensions and System Options

Floats

MODEL NO.	DESCRIPTION
007615	1 ¹ / ₂ " Vertical Float
007616	2" Horizontal Float

Other Accessories

MODEL NO.	DESCRIPTION	
007551	Chain, #2 Ball	
007552	Eyelet, Brass	







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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 accommodates 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)









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.

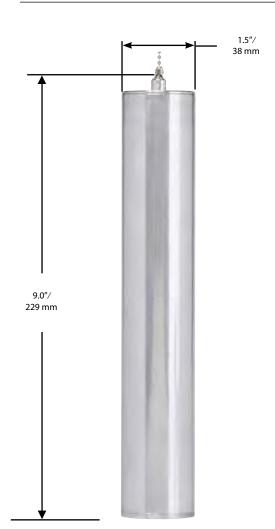
Dimensions and System Options

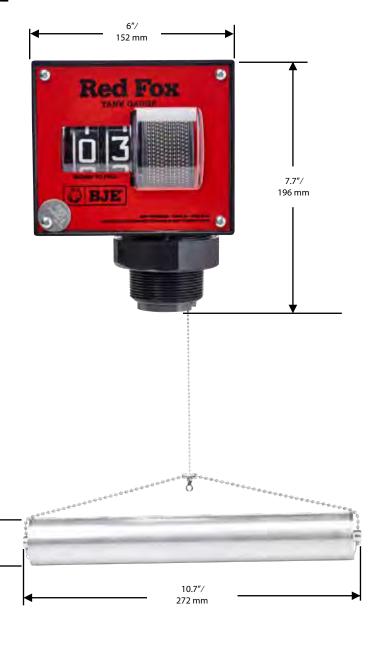
Floats

MODEL NO.	DESCRIPTION
007615	1 ¹ / 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 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.

- One gauge accommodates 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)







Metric Red For

8.5"/ 215.9 mm

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.

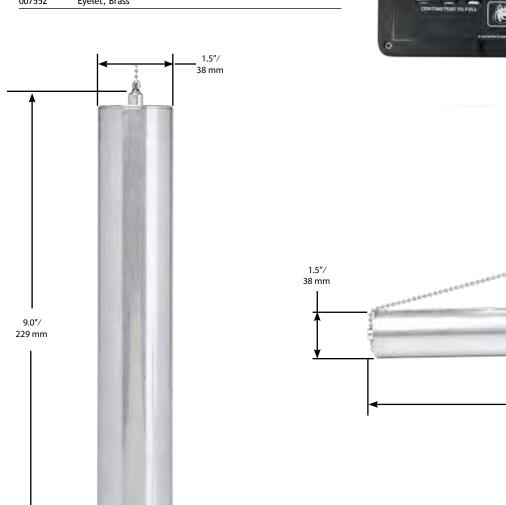
Dimensions and System Options

Floats

MODEL NO.	DESCRIPTION
007615	1 ¹ / ₂ " Vertical Float
007616	2" Horizontal Float

Other Accessories

MODEL NO.	DESCRIPTION
007551	Chain, #2 Ball
007552	Eyelet, Brass





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5.25"/ 133.35 mm

272 mm

Jarhead Tank Gauge



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	'-60" 2.0 (0.9)
007621*	Jarhead SightglassTank Gauge wit Fractional Indicators for 18"-60" Depth with 11/2" Tank Fitting	
007622*	Jarhead Sightglass Tank Gauge wi Fractional Indicators for 61"-72" Depth with 2" Tank Fitting	
007623*	Jarhead Sightglass Tank Gauge wi Fractional Indicators for 61"-72" Depth with 11/2" 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	nk 2.0 (0.9)

*Specify tank depth (in inches) and **riser height (in inches)





Jarhead Tank Gauge

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)

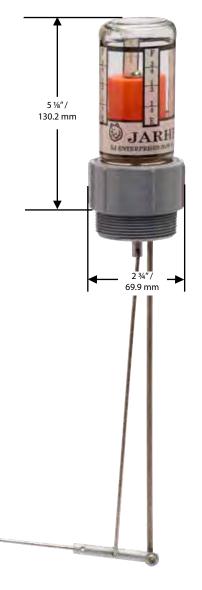
Sentry Wall Mounted Tank Monitors

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.
- · Durable glass housing.
- Highly visible orange indicator.
- 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).

- No special skills necessary to install,
- · Brass linkages.
- Allen wrenches included to adjust and tighten linkages.
- · Aluminum float,



New Adjustable Jarhead

MODEL NO.	DESCRIPTION SHIPPIN	G 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)







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).

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







Overfill Tank Gauge



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

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)	
007640*	Overfill Guard Sightglass Gauge with 2" NPT Tank Fitting 1.5 (0.7)		
007641*	Overfill Guard Sightglass Gauge Tank Fitting	with 1-1/2" NPT 1.5 (0.7)	
011179*	Overfill Guard Sightglass Gauge Fitting	with 2" BSP Tank 1.5 (0.7)	
011180*	Overfill Guard Sightglass Gauge Tank Fitting	with 1-1/2" BSP 1.5 (0.7)	

*Specify tank depth (in inches) and **riser height (in inches)





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	Sentry High or Low Wall Mounted Tank Monitor with Built-in 103 Decibel Siren, Overfill Tank Gauge and 12 Volt Transformer	
009973	Sentry High or Low Wall Mounted Battery Operated Tank Monitor 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		





Leak Guard Tank Gauge



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 with 2" Male NPT Tank Fitting	Double Wall Tanks 1.5 (0.7
007636	Leak Guard Sightglass Gauge for with 11/2" Male NPT Tank Fitting	Double Wall Tanks 1.5 (0.7
010002	Leak Guard Sightglass Gauge for with 2" Male NPT Tank Fitting an	
011177	Leak Guard Sightglass Gauge for with 2" Male BSP Tank Fitting	Double Wall Tanks 1.5 (0.7
011178	Leak Guard Sightglass Gauge for with 11/2" Male BSP Tank Fitting	Double Wall Tanks 1.5 (0.7
014287	Leak Guard Sightglass Gauge for with 11/2" Male NPT Tank Fitting a	
014556	Leak Guard Sightglass Gauge for with 2" Female NPT Tank Fitting	Double Wall Tanks 1.5 (0.7





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

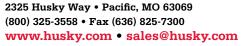
MODEL NO.	DESCRIPTION		
007675	Sentry High or Low Wall Mounted Battery Operated Tank Monitor with Built-in 103 Decibel Siren and Leak Guard Tank Gauge		
007676	Sentry High or Low Wall Mounted Tank Monitor with Built-in 103 Decibel Siren, Leak Guard Tank Gauge and 12 Volt Transformer		
009967	Sentry High 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 Monwith Built-in 103 Decibel Siren, Leak Guard Tank Gauge and 12 Volt Transformer, 1-1/2" Male NPT tank fitting		

Accessories

MODEL NO.	DESCRIPTION
007551	Chain, #2 Ball
007552	Eyelet, Brass
011426	Adaptor, 2"
007865	Jar. Leak









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.



- · Zinc-plated aluminum faucet.
- Zinc-plated steel drum gauge with visible fluid level.
- · Quick disconnect gauge fitting.
- Gauge can be removed during installation/removal from drum.
- For most fluids except concentrated acids or bases.
- Fits 55 gallon drums with ³/₄" NPT bung.

New Gauges

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
010528	55 Gallon Horizontal Drum Gauge	2.0 (0.9)

Construction

Gauge	Clear polymer		
Faucet	Aluminum/polymers		
Body	Steel		
Quick disconnect	Brass/steel		







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



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.

Dimensions and System Options





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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).

- 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'	' Liquid Level Gauge for Diesel
	Exhaust Fluid	3.3 (1.5)









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	







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)
013962	Clearly Gauge® 72" Liquid Level (Gauge .95 (.43)
015184 Clearly Gauge® 72" Liquid Level Gauge		
	with Vertical Float	.95 (.43)









Clearly Gauge® LLG

Model 013962 3.75"/

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.

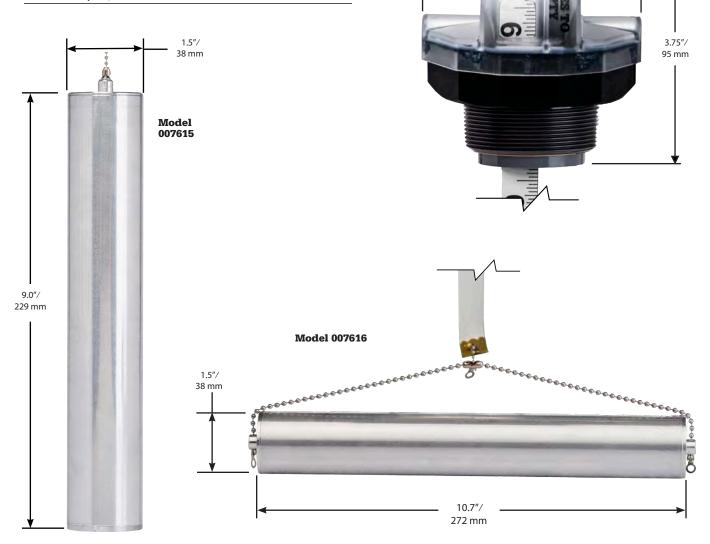
Dimensions and System Options

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





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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.

New Gauges and Alarms

MODEL NO.	DESCRIPTION SHIPPING WEIGHT	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

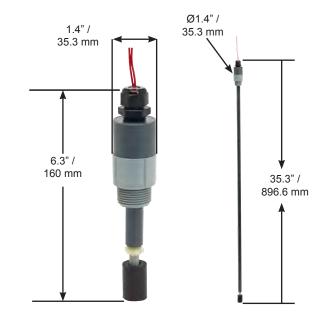
High/Low Tank Alarm for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

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).





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Sentry 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 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 Operated Tank Alarm with Built-in 103 Decibel Siren 2.5 (1.1)	
007671	Sentry high or Low Tank Alarm with Built-in 103 Decibel Siren and 12 Volt Transformer 3.5 (1.6	







Sentry 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





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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.
- 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.





Monitors and Alarms

MODEL NO.	DESCRIPTION	SHIPPING	
	WEIGHT LBS (K		
007675	Sentry High or Low Wall Mount Battery Operated Tank Alarm with Built-in 103 Decibel Siren and Leak Guard Tank Sensor, with 2" NPT tank fitting 4.8 (2.2		
007676	Sentry High or Low Wall Mount Battery Operated Tank Alarm with Built-in 103 Decibel Siren, Leak Guard Tank Sensor and 12 Volt Transformer, with 2" NPT tank fitting		
007680	Sentry High or Low Wall Mount Battery Operated Tank Alarm with Built-in 103 Decibel Siren and Overfill Tank Sensor,		
007000	with 2" NPT tank fitting	4.0 (1.8	
	Sentry High or Low Wall Mount Battery Operated Tank Alarm with Built-in 103 Decibel Siren, Overfill Tank Sensor, and 12 Volt Transformer,		
007681	with 2" NPT tank fitting	5.5 (2.5	
	Sentry High or Low Wall Mount Battery Operated Tank Alarm with Built-in 103 Decibel Siren.		
007725	with 2" NPT tank fitting	3.0 (1.4	
007726	Sentry High or Low Wall Mount Battery Operated Tank Alarm with Built-in 103 Decibel Siren and 12 Volt Transformer, with 2" NPT tank fitting		
	Sentry High or Low Wall Mount Battery Opwith Built-in 103 Decibel Siren and Jarhea		
007685*	with 2" NPT tank fitting	5.5 (2.5	
	Sentry High or Low Wall Mount Battery Operated Tank Alarm with Built-in 103 Decibel Siren, Jarhead Tank Sensor, and 12 Volt Transformer.		
007686* 009972	with 2" NPT tank fitting with 1-1/2" NPT tank fitting	6.5 (3.0	
010713	Sentry Wall Mount Tank Alarm with Built-in 103 Decible Siren, Remote 55 Gallon Drum High Level Sensor and		
	Battery	3.0 (1.4	

*Specify tank depth (in inches) and **riser height (in inches)







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.

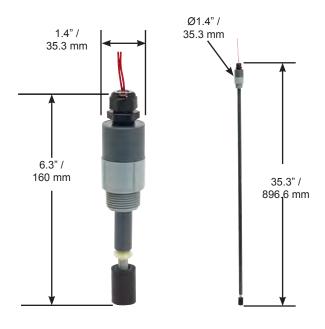
Dimensions and System Options

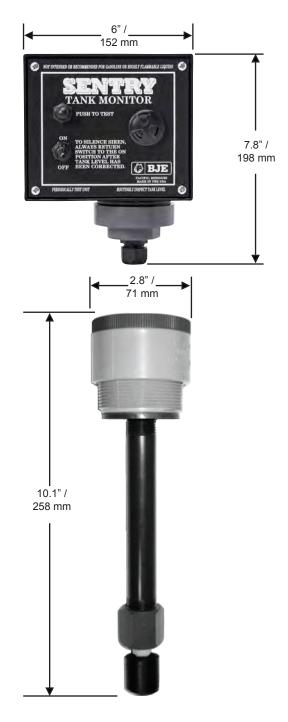
Sensors

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

MODEL NO.	DESCRIPTION
007829	Adaptor, 1-1/2" NPT
007689	Adaptor, 2" NPT
007551	Chain, #2 Ball
007552	Eyelet, Brass
007606	Float Sensor
007692	Jar, Jarhead
007865	Jar, Leak
007866	Jar, 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.



MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
008558	Sightglass tank gauge with fraction 12" - 120" tank depth with 2" NPS	
008665	Sightglass tank gauge with fraction 61" - 120" tank depth with 2" NPS	

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





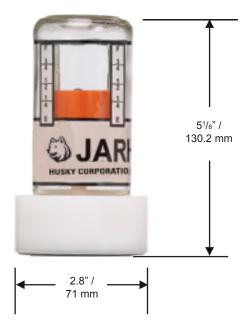




DEF Jarhead

Diesel Exhaust Fluid Tank Gauge with JARHEAD.

Dimensions





DEF Overfill Guard



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 tank	gauge with 2" NPS
	connection	1.5 (.68)

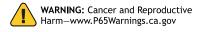
Construction

Body	Large glass housing
Chain	Stainless steel
Fasteners	Stainless steel
Connectors	Acetal
Linkage	Acetal
Float	DEF Compatible Anodized Aluminum
Seals	Flourocarbon











DEF Overfill Guard

Diesel Exhaust Fluid OVERFILL Guard Tank Gauge.

Dimensions and System Options









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 and sightglass tank gauge with for 12" - 120" tank depth with	fractional indicators	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			
Fasteners Stainless steel Connectors Acetal Linkage Acetal Float DEF Compatible Anodized Aluminum Seals Flourocarbon Connections Tank Alarm - ½" Romex Connector	Body		
Connectors Acetal Linkage Acetal Float DEF Compatible Anodized Aluminum Seals Flourocarbon Connections Tank Alarm - ½" Romex Connector	Rods	Stainless steel	
Linkage Acetal Float DEF Compatible Anodized Aluminum Seals Flourocarbon Connections Tank Alarm - ½" Romex Connector	Fasteners	Stainless steel	
Float DEF Compatible Anodized Aluminum Seals Flourocarbon Connections Tank Alarm - ½" Romex Connector	Connectors	Acetal	
Seals Flourocarbon Connections Tank Alarm - ½" Romex Connector	Linkage	Acetal	
Connections Tank Alarm - ½" Romex Connector	Float	DEF Compatible Anodized Aluminum	
	Seals	Flourocarbon	
	Connections	14 / 1	







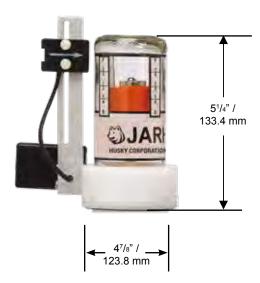




007 Tank Alarms with DEF JARHEAD Tank Gauges.

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 with 12-volt transformer and overfill guard tank gauge with 2" NPS	
	connection	7.0 (3.2)

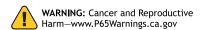
Construction

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 - $\frac{1}{2}$ " Romex Connector Tank Gauge - 2" NPS threads











007 Tank Alarms with DEF OVERFILL Guards.

Dimensions and System Options











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 WEIGH	T LBS (KG)
008677	Audible tank alarm, battery operated, with sightglass tank gauge with fractional indicators for 12" - 120" tank depth with 2" NPS connection 5.5 (2.5)		
008664	Audible tank alarm, with 12-volt transformer and sightglass tank gauge with fractional indicators for 12" - 120" tank depth with 2" NPS connection 6.5		6.5 (2.9)

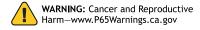
Construction

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











Sentry Wall Mounted Tank Alarms with DEF JARHEAD Tank Gauges.

Dimensions and System Options

Accessories

MODEL NO. DESCRIPTION
008673 DEF Remote Jarhead Sensor











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 (KG
008668	Audible tank alarm, battery operated, with overfill guard tank gauge with 2" NPS connection 5.5 (2.5)	
008669	Audible tank alarm, with 12-volt to overfill guard tank gauge with 2" N	

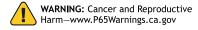
Construction

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













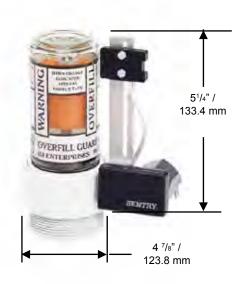
Sentry Wall Mounted Tank Alarms with DEF OVERFILL Guards.

Dimensions and System Options

Accessories

MODEL NO.	DESCRIPTION
008674	DEF Remote Overfill Guard Sensor









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.

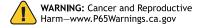
New 55 Gallon Drum Alert

MODEL NO.	DESCRIPTION SHIPPING	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 Remote Sens	sor 1.35 (0.6)











55 Drum Alert

Low and High Drum Alert.

Dimensions





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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 L	evel 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 WEIG	HT 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)











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

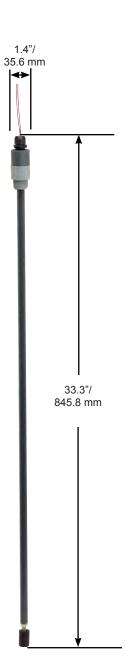


55 Drum Alarm

Low, 007 and SENTRY 55 gallon drum alarm.

Dimensions







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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
- Displays drum levels from 90%
 Easy battery replacement. 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.
- · 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)

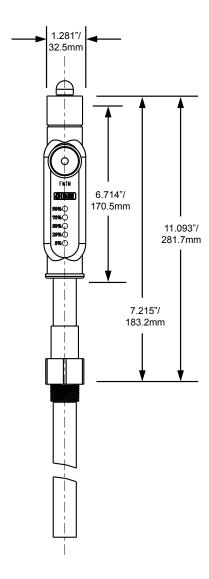




FNTM Drum Gauge

FNTM 55 Gallon Drum Gauge

Dimensions





Kaltey Commander Tank Controller



Tank Controller for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash

- · 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 Controlle	r 14 (6.4)









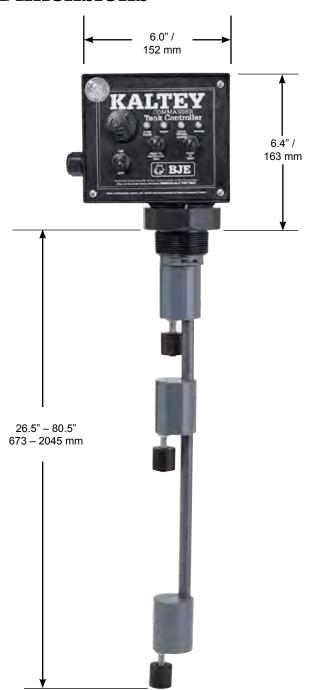


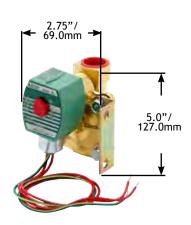


Kaltey Commander Tank Controller

Tank Controller for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

Dimensions









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Kaltey Commander Tank Controller Wall Mount



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: 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)



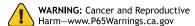














Kaltey Commander Tank Controller Wall Mount

Tank Controller for use with oil, waste oil, diesel fuel, antifreeze, water and other fluids with a high flash point.

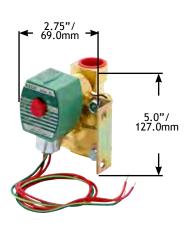
Dimensions and System Options

Accessories

MODEL NO.	DESCRIPTION	
013752	Kaltey Commander Wall Mount Tank Controller Remote Sensor	











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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

DESCRIPTION	SHIPPING WEIGHT LBS (KG)
MK6 Audible and Visual Tank C (includes indoor mount contro and 12 volt transformer)	
	MK6 Audible and Visual Tank (includes indoor mount contro







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.

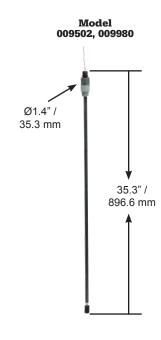
Dimensions and System Options

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
	46

*Specify tank depth (in inches) and riser height (in inches).











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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)

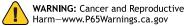
Optional 1/4" Y Strainer

Recommended for optimal performance, i.e. scaling, where air compressor rust can occur. Brass, includes screen.

007730 AD Y Strainer 1.0 (0.4)









AD 110 Drain Valve

Automatic Drain Valve.

Dimensions







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.
- Prevent pilferage of bulk oil/ product inventory.
- Low voltage.
- Red LED indicates valve is on/open.
- 12 volt DC, 1/2" NPT ports, 200 PSI max.
- · Easy installation.

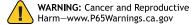
New Valves

MODEL NO.	DESCRIPTION	SHIPPING WEIGH	T LBS (KG)
007630	Keyed Remote Air Soleno	id Valve System Control	4.0 (1.8)







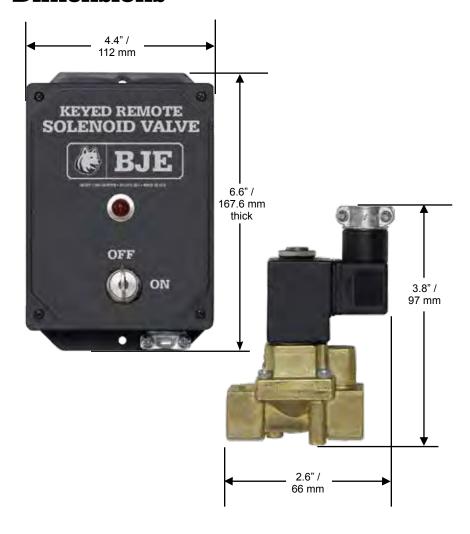




Solenoid Valve System

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.

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

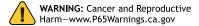
Specifying Information

MODEL NO.	DESCRIPTION	SHIPPING WEIGH	T LBS (KG)
007645	Heavy Duty Power Relay for 007 Tank Gauge - 30 AMP or 11/2 HP at 120 or 240 VAC 1.0 (0.4		1.0 (0.4)
007570	007 SVT Solenoid Valve with Tim 12 Volt Electric (includes wall m		5.0 (2.3)
007580	007 SV Solenoid Valve - 12 Volt Electric (includes wall mount transformer) 5.0 (2		5.0 (2.3)











Solenoid Valves

For use with the 007 tank monitor.

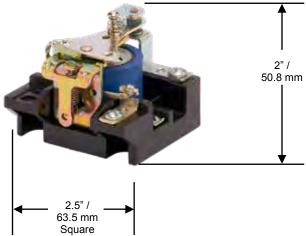
Dimensions and System Options

Accessories

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

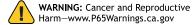
MODEL NO.	DESCRIPTION S	HIPPING WEIGHT LBS (KG)
007695	Strobe Light for 007 Tank Gauge	0.4 (0.2)
007690	Siren for 007 Tank Gauge - 107 Decil	oels 0.1 (0.04)
007660	Remote Tank Sensor for 007 Tank Ga	uge 1.5 (0.7)
007936*	Remote Jarhead Tank Sensor for 007 with 2" Tank Fitting	' Tank Gauge 1.5 (0.7)
008206*	Remote Jarhead Tank Sensor for 007 with 11/2" Tank Fitting	⁷ Tank Gauge 1.5 (0.7)
007655*	Remote Leak Guard Tank Sensor for with 2" Tank Fitting	007 Tank Gauge 2.0 (0.9)
007656*	Remote Leak Guard Tank Sensor for with 11/2" Tank Fitting	007 Tank Gauge 2.0 (0.9)
007742*	Remote Overfill Guard Tank Sensor for 007 Tank Gauge with 2" Tank Fitting 2.0 (0.	
007743*	Remote Overfill Guard Tank Sensor f Gauge with 11/2" Tank Fitting	or 007 Tank 2.0 (0.9)
007595	12 Volt Transformer for 007 and Sen	try Tank Gauges 1.5 (0.7)

Sentry Gauge Accessories

bollory datago licocombollor			
MODEL NO.	DESCRIPTION SHIPPING WEIGHT	LBS (KG)	
007661	Remote Tank Sensor for Sentry Tank Gauge 1.5		
007650*	Remote Jarhead Tank Sensor for Sentry Tank Gauge with 2" Tank Fitting 3.0 (1		
008211*	Remote Jarhead Tank Sensor for Sentry Tank Gauge with 1^{1} /," Tank Fitting	3.0 (1.4)	
007657*	Remote Leak Guard Tank Sensor for Sentry Tank Gauge with 2" Tank Fitting 2.0 (0.		
007658*	Remote Leak Guard Tank Sensor for Sentry Tank Gauge with 1½" Tank Fitting 2.0 (0.9		
007740*	Remote Overfill Guard Tank Sensor for Sentry Tank Gauge with 2" Tank Fitting 2.0 (
007741*	Remote Overfill Guard Tank Sensor for Sentry Tank Gauge with 11/2" Tank Fitting	2.0 (0.9)	
007595	12 Volt Transformer for 007 and Sentry Tank Gauges	1.5 (0.7)	

*Specify tank depth (in inches) and **riser height (in inches)







Siren/Sensor/Strobe

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

*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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TM3 Valve



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)







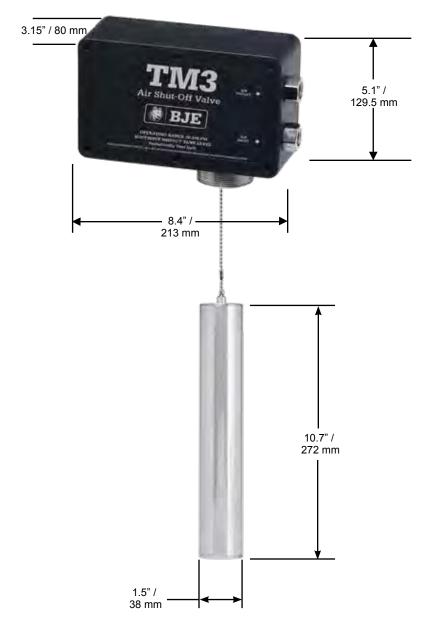
TM3 Valve

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









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 WI	EIGHT LBS (KG)
1" HOSES			
CP160024HABA	1" x 2' HEW 4113 MX	M NPT BR NR	1.24 (0.6)
CP160180HABA	1" x 15' HEW 4113 M	XM NPT BR NR	10.0 (4.5)
CP160360HABA	1" x 30' HEW 4113 M	XM NPT BR NR	20.0 (9.1)
CP160420HABA	1" x 35' HEW 4113 M	XM NPT BR NR	23.0 (10.5)
CP160472HABA	1" x 39' 4" HEW 411	3 MXM NPT BR NR	25.0 (11.3)
CP160480HABA	1" x 40' HEW 4113 M	XM NPT BR NR	26.0 (11.8)
CP160588HABA	1" x 49' HEW 4113 M	XM NPT BR NR	30.4 (13.8)
CP160600HABA	1" x 50' HEW 4113 M	XM NPT BR NR	32.0 (14.5)
CP160720HABA	1" x 60' HEW 4113 M	XM NPT BR NR	38.0 (17.3)
CP160792HABA	1" x 66' HEW 4113 M	XM NPT BR NR	42.0 (19.1)
CP160900HABA	1" x 75' HEW 4113 M	XM NPT BR NR	48.0 (21.8)
CP160960HABA	1" x 80' HEW 4113 M	XM NPT BR NR	51.0 (23.1)
CP161080HABA	1" x 90' HEW 4113 M	XM NPT BR NR	57.0 (25.9)
CP161200HABA	1" x 100' HEW 4113 /	WXM NPT BR NR	63.0 (28.6)
CP161380HABA	1" x 115' HEW 4113 /	WXM NPT BR NR	71.3 (32.4)
CP161560HABA	1" x 130' HEW 4113 /	WXM NPT BR NR	80.6 (36.6)
11/4" HOSES			
CP200600HABA	1 ¹ / ₄ " x 50' HEW 4113	MXM NPT BR NR	42.0 (19.1)
CP200660HABA	1 ¹ / ₄ " x 55' HEW 4113	MXM NPT BR NR	45.0 (20.1)
CP200792HABA	1 ¹ / ₄ " x 66' HEW 4113	MXM NPT BR NR	54.0 (24.5)
CP200840HBBA	1 ¹ / ₄ " x 70' HEW 4113	MXF NPT BR NR	57.0 (25.9)
CP200900HABA	1 ¹ / ₄ " x 75' HEW 4113	MXM NPT BR NR	61.0 (27.8)
CP201176HABA	1 ¹ / ₄ " x 98' HEW 4113	MXM NPT BR NR	77.4 (35.2)
CP201200HBBA	1 ¹ / ₄ " x 100' HEW 411	3 MXF NPT BR NR	81.0 (36.8)
CP201200HABA	1 ¹ / ₄ " x 100' HEW 411	3 MXM NPT BR NR	81.0 (36.8)
11/2" HOSES			
CP240024HABA	1 ¹ / ₂ " x 2' HEW 4113 A	AXM NPT BR NR	1.7 (0.8)
CP240108HABA	1 ¹ / ₂ " x 9' HEW 4113 A	AXM NPT BR NR	11.0 (5.0)
CP240120HABA	1 ¹ / ₂ " x 10' HEW 4113	MXM NPT BR NR	12.0 (5.5)
CP240600HABA	1 ¹ / ₂ " x 50' HEW 4113	MXM NPT BR NR	51.0 (23.2)
CP240720HABA	1 ¹ / ₂ " x 60' HEW 4113	MXM NPT BR NR	61.0 (27.8)
CP240780HBBA	1 ¹ / ₂ " x 65' HEW 4113	MXF NPT BR NR	66.0 (30.0)
CP240792HABA	1 ¹ / ₂ " x 66' HEW 4113	MXM NPT BR NR	67.0 (30.5)
CP240840HABA	1 ¹ / ₂ " x 70' HEW 4113	MXM NPT BR NR	71.0 (32.3)
CP240900HABA	1 ¹ / ₂ " x 75' HEW 4113	MXM NPT BR NR	76.0 (34.5)
CP241020HABA	11/2" x 85' HEW 4113	MXM NPT BR NR	85.0 (38.6)
CP241200HABA	11/2" x 100' HEW 411	3 MXM NPT BR NR	100.0 (45.5)
CP241200HBBA	1 ¹ / ₂ " x 100'HEW 4113	MXF NPT BR NR	100.0 (45.5)

MODEL NO.	DESCRIPTION	SHIPPING WE	IGHT LBS (KG)
CP240420HABA	1 ¹ / ₂ " x 35' HEW 4113	MXM NPT BR NR	36.0 (16.4)
CP240684HABA	1 ¹ / ₂ " x 57' HEW 4113	MXM NPT BR NR	49.0 (22.3)
CP240780HABA	11/2" x 65' HEW 4113	MXM NPT BR NR	66.0 (30.0)
CP241368HABA	1 ¹ / ₂ " x 114' HEW 411	3 MXM NPT BR NR	98.0 (44.5)
CP241800HABA	1 ¹ / ₂ " x 150' HEW 411	3 MXM NPT BR NR	129.0 (58.6)
2" HOSES			
CP320120HABA	2" x 10' HEW 4113 M	XM NPT BR NR	16.0 (7.3)
CP320134HABA	2" x 11.17' HEW 411	3 MXM NPT BR NR	13.4 (6.1)
CP320144HABA	2" x 12' HEW 4113 M	XM NPT BR NR	19.0 (8.6)
CP320180HABA	2" x 15' HEW 4113 M	XM NPT BR NR	23.0 (10.5)
CP320197HABA	2" x 16' 5" HEW 411	3 MXM NPT BR NR	24.0 (10.9)
CP320216HABA	2" x 18' HEW 4113 M	XM NPT BR NR	26.0 (11.8)
CP320240HABA	2" x 20' HEW 4113 M	XM NPT BR NR	29.0 (13.2)
CP320420HABA	2" x 35' HEW 4113 M	XM NPT BR NR	49.0 (22.3)
CP320480HABA	2" x 40' HEW 4113 M	XM NPT BR NR	55.0 (25.0)
CP320564HABA	2" x 47' HEW 4113 M	XM NPT BR NR	56.4 (25.6)
CP320600HABA	2" x 50' HEW 4113 M	XM NPT BR NR	68.0 (30.9)
CP320600HBBA	2" x 50' HEW 4113 M	XF NPT BR NR	68.0 (30.9)
CP320684HABA	2" x 57' HEW 4113 M	XM NPT BR NR	68.4 (31.1)
CP320720HABA	2" x 60' HEW 4113 M	XM NPT BR NR	81.0 (36.8)
CP320792HABA	2" x 66' HEW 4113 M	XM NPT BR NR	89.0 (40.5)
CP320900HABA	2" x 75' HEW 4113 M	XM NPT BR NR	101.0 (45.9)
21/2" HOSES			
CP400096HABA	2 ¹ / ₂ " x 8' HEW 4113 /	WXM NPT BR NR	19.0 (8.6)
CP400108HABA	2 ¹ / ₂ " x 9' HEW 4113 /	WXM NPT BR NR	20.0 (9.1)
CP400120HBBA	2 ¹ / ₂ " x 10' HEW 4113	MXF NPT BR NR	22.0 (10.0)
CP400120HABA	2 ¹ / ₂ " x 10' HEW 4113	MXM NPT BR NR	22.0 (10.0)
CP400144HABA	2 ¹ / ₂ " x 12' HEW 4113	MXM NPT BR NR	25.0 (11.4)
CP400156HABA	2 ¹ / ₂ " x 13' HEW 4113	MXM NPT BR NR	27.0 (12.3)
CP400192HABA	2 ¹ / ₂ " x 16' HEW 4113	MXM NPT BR NR	32.0 (14.5)
CP400197HABA	2 ¹ / ₂ " x 16'5" HEW 41	13 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 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)
CP400118HABA	2 ¹ / ₂ " x 9' 3" HEW 41	13 MXM NPT BR NR	20.0 (9.1)







4113 Permanent

4113 Permanent Fitting aviation fueling hose recommended for all types of riser deck, reel, and hydrant hose applications.

MODEL NO.	DESCRIPTION	SHIPPING WE	IGHT LBS (KG)
CP400132HABA	2 ¹ / 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 4113 MXI	NPT BR NR	174.0 (79.1)
3" HOSES			
CP480096HABA	3" x 8' HEW 4113 MXM NP	T BR NR	28.0 (12.7)
CP480108HABA	3" x 9' HEW 4113 MXM NP	T BR NR	31.0 (14.1)
CP480120HABA	3" x 10' HEW 4113 MXM N	PT BR NR	34.0 (15.5)
CP480132HABA	3" x 11' HEW 4113 MXM N	PT BR NR	36.0 (16.4)
CP480144HABA	3" x 12' HEW 4113 MXM N	PT BR NR	39.0 (17.7)
CP480168HABA	3" x 14' HEW 4113 MXM N	PT BR NR	44.0 (20.0)
CP480180HABA	3" x 15' HEW 4113 MXM N	PT BR NR	46.0 (20.9)
CP480240HABA	3" x 20' HEW 4113 MXM N	PT BR NR	59.0 (26.8)
CP480360HBBA	3" x 30' HEW 4113 MXF N	PT 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 MXM N	PT BR NR	136.0 (61.8)
CP480720HABA	3" x 60' HEW 4113 MXM N	PT 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-bott 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

	D	NOA	A 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
11/4"	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 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

$^{3}/_{4}$ " = CP12	2" = CP32
1" = CP16	$2^{1}/2$ " = CP40
1 ¹ /4" = CP20	3" = CP48
1 ¹ /2" = CP24	4" = CP64

HOSE LENGH (IN INCHES) - LLLL

0600 = 50 feet 0 inches 0606 = 50 feet 6 inches

AVIATION HOSE - H, C OR J

H = 4113 Aviation Hose

C = 4113CT Cold Temp

J = 5500 JacRiser Hose

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.

F	П	Т	ΊN	IG	S.	ΓY	L	E	-	
_								_		_

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
S = Special (See Note 1)

A = Internal Expansion Permanent (stainless steel only)

B = Dixon/UMI Internal Expansion (Permanent (Brass Insert)

D = Dixon Swaged

 $\frac{E = Dixon Reusable}{F = Elaflex Resuable}$

FITTING BRAND - F

G = Roman Seliger Reusable

INSERT MATERIAL - M

A = Brass

B = Stainless Steel

D = Tin-Plated Brass

F = Carbon Steel

OVERALL LENGTH - 0

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





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 E	SSP SS RU	51.6 (23.5)
CP240792HEGA	1 ¹ / ₂ " X 66' 4113 MXF N	NPT BR RU	56.8 (25.8)
2" HOSES			
CP320720HKGB	2" x 60' 4113 MXF BSF	SS RU	72.0 (32.7)
CP320720HKGA	2" x 60' 4113 MXF BSF	BR RU	72.0 (32.7)
CP320792HEGA	2" x 66' 4113 MXF NP	T BR RU	79.2 (36.0)
2 ¹ / ₂ " HOSES			
CP400120HEGD	2 ¹ / ₂ " x 10' 4113 MXF E	SP TP RU	16.9 (7.7)
CP400144HEGD	2 ¹ / ₂ " x 12' 4113 MXF E	SP TP RU	20.3 (9.2)
CP400156HDGB	2 ¹ /2" x 13' 4113 MXM I	NPT SS RU	22.0 (10.0)
3" HOSES			
CP480144HEGD	3" x 12' 4113 MXF BS	P TP RU	28.0 (12.7)
CP480168HABA	3" x 14' 4113 MXM NP	T BR RU	32.6 (14.8)
CP480240HEGD	3" x 20' 4113 MXF BSF	P TP RU	46.6 (21.2)
CP480300HEGD	3" x 25' 4113 MXF BSF	P TP RU	58.3 (26.5)
CP480396HDGB	3" x 33' 4113 MXM NP	T SS RU	76.9 (36.3)
CP480480HEGD	3" x 40' 4113 MXF BSF	P TP RU	93.2 (42.4)
4" HOSES			
CP640144HEGD	4" x 12' 4113 MXF BSF	P TP RU	39.6 (18.0)
CP640394HEGD	4" x 32.8' 4113 MXF B	SP TP RU	108.2 (49.2)
CP640432HKGD	4" x 46' 4113 MXF BSF	TP RU	151.8 (69.0)



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





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		NOA	OD MAX		WP	WEIGHT	
Size	MM	IN	мм	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
21/2"	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 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
	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				
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 INCHES) - LLLL				
0600 = 50 feet 0 inches				
0606 = 50 feet 6 inches				
AVIATION HOSE - H orJ				
H = 4113 Aviation Hose				
J = 5500 JacRiser Hose				

FITTING STYLE - S
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
S = Special (See Note 1)

NOTF.

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 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 "C" present, LLLL = Cut Length

For CP64 only, if blank, LLLL = OAL





4113CT Permanent



SHIPPING WEIGHT LBS (KG)

4113CT Cold Temperature Hose 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 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



Specifying Information

MODEL NO.	DESCRIPTION SHIPPING W	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	1 ¹ / ₄ " x 50' HEW 4113CT MM NPT BR NR	42.0 (19.1)
CP200660CABA	1 ¹ / 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	1 ¹ / ₄ " x 75' HEW 4113CT MM NPT BR NR	61.0 (27.8)
CP201176CABA	1 ¹ / 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	1 ¹ / 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	1 ¹ / 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	1 ¹ / ₂ " x 60' HEW 4113CT MM NPT BR NR	61.0 (27.8)
CP240780CBBA	1 ¹ / 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	1 ¹ / ₂ " x 75' HEW 4113CT MM NPT BR NR	76.0 (34.5)
CP241020CABA	1 ¹ / ₂ " x 85' HEW 4113CT MM NPT BR NR	85.0 (38.6)
CP241200CABA	1 ¹ / ₂ " x 100' HEW 4113CT MM NPT BR NR	100.0 (45.5)
CP241200CBBA	1 ¹ / ₂ " x 100'HEW 4113CT MF NPT BR NR	100.0 (45.5)
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		,
CP240420CABA	1 ¹ / ₂ " x 35' HEW 4113CT MM NPT BR NR	36.0 (16.4)
CP240684CABA	1 ¹ / ₂ " x 57' HEW 4113CT MM NPT BR NR	49.0 (22.3)
CP240780CABA	1 ¹ / ₂ " x 65' HEW 4113CT MM NPT BR NR	66.0 (30.0)
CP241368CABA	1 ¹ / 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 MM 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 MM NPT BR NR	19.0 (8.6)
CP320180CABA	2" x 15' HEW 4113CT MM 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 MM NPT BR NR	26.0 (11.8)
CP320240CABA	2" x 20' HEW 4113CT MM NPT BR NR	29.0 (13.2)
CP320420CABA	2" x 35' HEW 4113CT MM NPT BR NR	49.0 (22.3)
CP320480CABA	2" x 40' HEW 4113CT MM NPT BR NR	55.0 (25.0)
CP320564CABA	2" x 47' HEW 4113CT MM NPT BR NR	56.4 (25.6)
CP320600CABA	2" x 50' HEW 4113CT MM NPT BR NR	68.0 (30.9)
CP320600CBBA	2" x 50' HEW 4113CT MF NPT BR NR	68.0 (30.9)
CP320684CABA	2" x 57' HEW 4113CT MM NPT BR NR	68.4 (31.1)
CP320720CABA	2" x 60' HEW 4113CT MM NPT BR NR	81.0 (36.8)
CP320792CABA	2" x 66' HEW 4113CT MM NPT BR NR	89.0 (40.5)
CP320900CABA	2" x 75' HEW 4113CT MM NPT BR NR	101.0 (45.9)
2 ¹ / ₂ " HOSES		
CP400096CABA	2 ¹ / ₂ " x 8' HEW 4113CT MM NPT BR NR	19.0 (8.6)
CP400108CABA	2 ¹ / ₂ " x 9' HEW 4113CT MM NPT BR NR	20.0 (9.1)
CP400120CBBA	2 ¹ / ₂ " x 10' HEW 4113CT MF NPT BR NR	22.0 (10.0)
CP400120CABA	2 ¹ / ₂ " x 10' HEW 4113CT MM NPT BR NR	22.0 (10.0)
CP400144CABA	2 ¹ /2" x 12' HEW 4113CT MM NPT BR NR	25.0 (11.4)
CP400156CABA	2 ¹ /2" x 13' HEW 4113CT MM NPT BR NR	27.0 (12.3)
CP400192CABA	2 ¹ / ₂ " x 16' HEW 4113CT MM NPT BR NR	32.0 (14.5)
CP400197CABA	2 ¹ / ₂ " x 16'5" HEW 4113CT MM NPT BR NR	33.0 (15.0)
CP400420CABA	2 ¹ / ₂ " x 35' HEW 4113CT MM NPT BR NR	64.0 (29.1)
CP400480CABA	2 ¹ / ₂ " x 40'HEW 4113CT MM NPT BR NR	73.0 (33.2)
CP400600CBBA	2 ¹ / ₂ " x 50' HEW 4113CT MF NPT BR NR	90.0 (40.9)
CP400600CABA	2 ¹ / ₂ " x 50' HEW 4113CT MM NPT BR NR	90.0 (40.9)
CP400660CABA	2 ¹ / 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	2 ¹ / ₂ " x 7' HEW 4113CT MM NPT BR NR	17.0 (7.7)
CP400118CABA	2 ¹ / ₂ " x 9' 3" HEW 4113CT MM NPT BR NR	20.0 (9.1)





4113CT Permanent

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 4113	BCT MM NPT BR NR	34.0 (15.5)
CP400180CABA	2 ¹ / ₂ " x 15' HEW 4113	CT MM NPT BR NR	30.0 (13.6)
CP400240CABA	2 ¹ /2" x 20' HEW 4113	CT MM NPT BR NR	39.0 (17.7)
CP400684CABA	2 ¹ /2" x 57' HEW 4113	CT MM NPT BR NR	100.0 (45.5)
CP401200CBBA	2 ¹ / ₂ " x 100' HEW 411	3CT MF NPT BR NR	174.0 (79.1)
3" HOSES			
CP480096CABA	3" x 8' HEW 4113CT	MM NPT BR NR	28.0 (12.7)
CP480108CABA	3" x 9' HEW 4113CT	MM NPT BR NR	31.0 (14.1)
CP480120CABA	3" x 10' HEW 4113C	T MM NPT BR NR	34.0 (15.5)
CP480132CABA	3" x 11' HEW 4113C	T MM NPT BR NR	36.0 (16.4)
CP480144CABA	3" x 12' HEW 4113C	T MM NPT BR NR	39.0 (17.7)
CP480168CABA	3" x 14' HEW 4113C	T MM NPT BR NR	44.0 (20.0)
CP480180CABA	3" x 15' HEW 4113C	T MM NPT BR NR	46.0 (20.9)
CP480240CABA	3" x 20' HEW 4113C	T MM NPT BR NR	59.0 (26.8)
CP480360CBBA	3" x 30' HEW 4113C	T MF NPT BR NR	85.0 (38.6)
CP480600CBBA	3" x 50 FT HEW 4113	BCT MF NPT BR NR	136.0 (61.8)
CP480600CABA	3" x 50' HEW 4113C	T MM NPT BR NR	136.0 (61.8)
CP480720CABA	3" x 60' HEW 4113C	T 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	мм	PSI	MPA	LB/FT	KG/M
1"	25	1.457	37	300	2.07	0.54	0.80
11/4"	32	1.732	44	300	2.07	0.67	1.00
11/2"	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 SIZE - 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 INCHES) - LLLL

 $\frac{0600 = 50 \text{ feet } 0 \text{ inches}}{0606 = 50 \text{ feet } 6 \text{ inches}}$

AVIATION HOSE - H, C OR J

H = 4113 Aviation Hose C = 4113CT Cold Temp J = 5500 JacRiser Hose

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

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
A = Brass
A = Brass B = Stainless Steel

OVERALL LENGTH - O

FITTING BRAND - F

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







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 WEIG	GHT LBS (KG)
CP640092JADB	4" x 92" OAL JAC 55	00 MXM NPT SS NR	51 (23.2)
CP640102JADB	4" x 102" OAL JAC 5	500 MXM NPT SS NR	55 (25.0)
CP640132JADB	4" x 11' OAL JAC 55	00 MXM NPT SS NR	66 (30.0)
CP640108JADB	4" x 9' OAL JAC 550	0 MXM NPT SS NR	57 (25.9)
CP640420JADB	4" x 35' OAL JAC 55	00 MXM NPT SS NR	171 (77.7)
CP640087JADB	4" x 87" OAL JAC 55	00 MXM NPT SS NR	50 (22.7)
CP640128JADB	4" x 128" OAL JAC 5	500 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 5	500 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	SHIPP	NG WEIGHT 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	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



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.





5500 JacRiser

Used in riser connection of aviation refuelers, hydrant cart servicers and tank farm connections.

Dimensions and System Options

Available in these Sizes

II)	NOA	۸ 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

9746	2" Banding Coil, White
9744	3" Banding Coil, White
9774	4" Banding Coil, White
9793	3" Banding Coil, Orange



Order Guide (Ex. CP320600JABA)

AVIATION HOSE SIZE - 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 INCHES) - LLLL 0600 = 50 feet 0 inches

0606 = 50 feet 6 inches

0000 - 30 1661 0 Iliciles

AVIATION HOSE - H or J

H = 4113 Aviation Hose J = 5500 JacRiser Hose

FITTING STYLE - S

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
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.

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







Couplings

AVIATION 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.





Protective Coils

Spiral Hose Protectors He AVIATION FUELLO



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





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

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS.
9878	1/4" x 50' Dead MXF with	
	spring guard	11.25

Construction

Tube	Nitrile synthetic rubber, RMA Class A
Color	One red hose, one green hose





Twin ¹/₄-Inch

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 Twi	nline 0.29 (0.13)
-		,

Construction

Tube	Nitrile synthetic rubber, RMA Class A
Color	One yellow, one green hose





Twin ³/₈-Inch

Used in connection of aircraft servicers and airport hydrants and sensing control systems.

Dimensions and System Options

Available in these Sizes

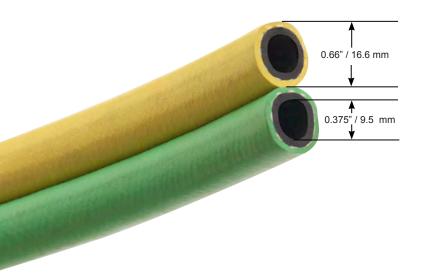
ID (IN)	ID (MM)	SPIRALS	OD (IN)	OD (MM)	LB/FT	KG/M
3/8	9.5	2	21/32	16.6	0.29	0.43

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 Spout Bushing, with Waffle	
	Splash Guard and mesh filter	4.6 (2.0)
		^ NOT LISTED

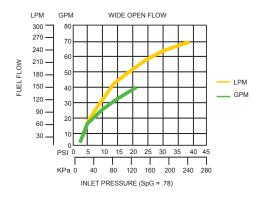
Osprey Nozzle with BSPP

MODEL NO.	DESCRIPTION SHIPPING WEIGHT LBS.	
1149840N^	without Hold Open Clip and Spo Splash Guard and mesh filter	out Bushing, with Waffle 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







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



Osprey Nozzle

Automatic shut-off nozzle for over-the-wing fueling of aircraft.

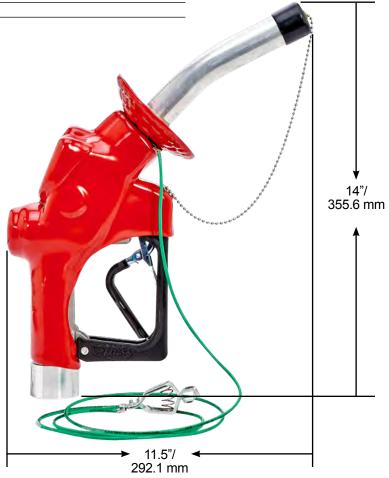
Dimensions and System Options

Swivels

MODEL NO.	DESCRIPTION	
008517	1" M x 1" F NPT Single Plane 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







Osprey S Nozzle



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 El1540 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	out Bushing, with Waffle 4.6 (2.0)
		^ NOT LISTED

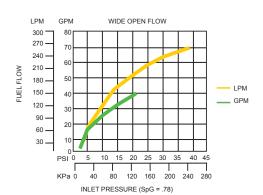
Osprey S Nozzle with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)
1212340N^	without Hold Open Clip and Sports Splash Guard and mesh filter	out Bushing, with Waffle 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







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



Osprey S Nozzle

Automatic shut-off nozzle for over-the-wing fueling of aircraft.

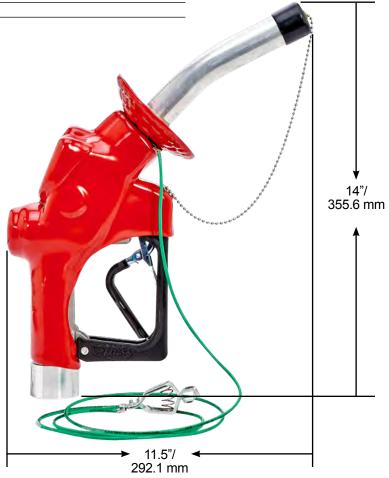
Dimensions and System Options

Swivels

MODEL NO.	DESCRIPTION
008517	1" M x 1" F NPT Single Plane 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 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







Falcon Manual Nozzle Hew



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

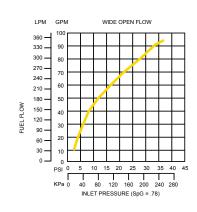
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)
12090218N^	without Hold Open Clip, with and 1½ FNPT (38mm) Inlet In	
12090219N^	without Hold Open Clip, with and 1¼ FNPT (32mm) Inlet Inl	• •
13734218N^	without Hold Open Clip, with and 1½ FNPT (38mm) Inlet Inl	
13734219N^	without Hold Open Clip, with and 1¼ FNPT (32mm) Inlet Inl	
13739218N^	without Hold Open Clip, with and 1½ FNPT (38mm) Inlet Inl	· · · · · · · · · · · · · · · · · · ·
13739219N^	without Hold Open Clip, with and 1¼ FNPT (32mm) Inlet Inl	
		^ 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 Swi	
13734217N^	without Hold Open Clip, with Jet 1¼ FBSP (32mm) Inlet Inline Swi	
13739216N^	without Hold Open Clip, with Avi and 1½ FBSP (38mm) Inlet Inline	
13739217N^	without Hold Open Clip, with Avi and 1¼ FBSP (32mm) Inlet Inline	
		^ NOT LISTED

Construction

Aluminum	
Fluorocarbon	
Double o-ring seal protected by fiber reinforced Teflon®	
One piece contoured steel	







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



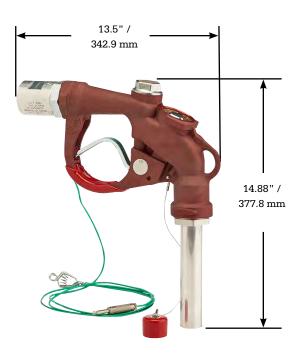
Falcon Manual Nozzle

Manual shut-off nozzle for over-the-wing fueling of aircraft.

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







Falcon Manual Quick Disconnect Nozzle



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**

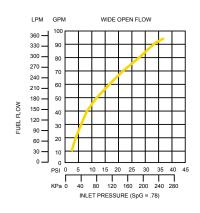
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)
13731218N^	without Hold Open Clip, wi 1½ FNPT (38mm) Inlet Inline	th Jet Black, Duck Bill Spout, and e Swivel 5.0 (2.3)
13731219N^	without Hold Open Clip, wit 1¼ FNPT (32mm) Inlet Inline	h Jet Black, Duck Bill Spout, and e Swivel 5.0 (2.3)
13736218N^	without Hold Open Clip, wit 1½ FNPT (38mm) Inlet Inline	h Jet Black, Round Spout, and e Swivel 5.0 (2.3)
13736219N^	without Hold Open Clip, wit 1¼ FNPT (32 mm) Inlet Inlin	h Jet Black, Round Spout, and e Swivel 5.0 (2.3)
13742218N^	without Hold Open Clip, wit 1½ FNPT (38mm) Inlet Inline	h Aviation Red, Round Spout, and e Swivel 5.0 (2.3)
13742219N^	without Hold Open Clip, wit 1¼ FNPT (32mm) Inlet Inline	h Aviation Red, Round Spout, and e Swivel 5.0 (2.3)
		^ NOT LISTED

Falcon Nozzle with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)
13731216N^	without Hold Open Clip, with 1½ FBSP (38mm) Inlet Inline	n Jet Black, Duck Bill Spout, and Swivel 5.0 (2.3)
13731217N^	without Hold Open Clip, with 1¼ FBSP (32mm) Inlet Inline	Jet Black, Duck Bill Spout, and Swivel 5.0 (2.3)
13736216N^	without Hold Open Clip, with 1½ FBSP (38mm) Inlet Inline	
13736217N^	without Hold Open Clip, with 1¼ FBSP (32mm) Inlet Inline	
13742216N^	without Hold Open Clip, with 1½ FBSP (38mm) Inlet Inline	Aviation Red, Round Spout, and Swivel 5.0 (2.3)
13742217N^	without Hold Open Clip, with 1¼ FBSP (32mm) Inlet Inline	Aviation Red, Round Spout, and Swivel 5.0 (2.3)
		^ NOT LISTED

Construction

Aluminum
Fluorocarbon
Double o-ring seal protected by fiber reinforced Teflon®
One piece contoured steel









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



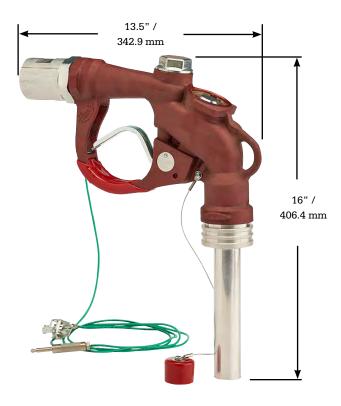
Falcon Manual Quick Disconnect Nozzle

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

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

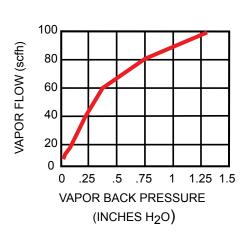
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	LBS. (KG)
012799	11/2" x 11/2" BSPP Long Thr	ead Single Plane Swivel	1.4 (.65)
012800	1¼" x 1½" BSPP Long Thr	ead Single Plane Swivel	1.4 (.65)

BSPP x BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIG	HT LBS. (KG)
013517	1¼" F x 1½" M Lor	ng Thread Single Plane Swivel	1.4 (.65)
013518	1½" F x 1½" M Lor	ng 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









Aviation Spouts

Falcon 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 WEIGHT	LBS (KG)
012946	Duck Bill Spout Assembly for Je	t Fuel	.6 (.27)
012948	Round Spout Assembly for Aviat	ion and Jet Fuel	.5 (.23)

Falcon Quick Disconnect Spout Assemblies

MODEL NO.	DESCRIPTION S	SHIPPING WEIGHT LBS (KG)
012947	Duck Bill Spout Assembly for Jet Fu	iel .5 (.23)
012949	Round Spout Assembly for Aviation	and Jet Fuel .5 (.23)





Falcon Nut Spout Assembly





Falcon Quick Disconnect Spout Assembly

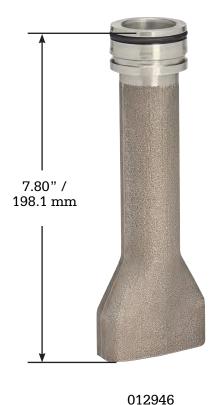




Falcon Spouts

Spout assemblies.

Dimensions



012947



012948 012949





Aviation Strainers

Aviation NPT Strainer Hew



Strainer for over-the-wing fueling of aircraft.

- Easy to remove and clean fuel 100 mesh SS fuel filter assembly.
- Complies with EI1540 and NFPA 407.
- Simple Male NPT x Female NPT sstrainer adaptor for multipurpose uses in fluid transfer.
- · Suitable for aviation fueling and other compatible fluids.

Strainer

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS. (KG)
014024	1" Male NPT x 1" Female NPT	1.5 (.8)

Construction

Body	Aluminum	
Strainer	Stainless Steel	
Inlet/Outlet	1" (25mm) NPT threads	







Hewitt Aviation NPT Strainer

Strainer for over-the-wing fueling of aircraft.

Dimensions









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.



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









SGA Loading Arm

