

# Husky Catalog



### GENERAL FUELING PRODUCTS

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# Conventional Nozzles



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

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

#### **New Unleaded Nozzles with NPT**

MODEL NO.	DESCRIPTION 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		SHIPPING WEIGHT LBS (KG)
696116N <sup>^</sup>	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

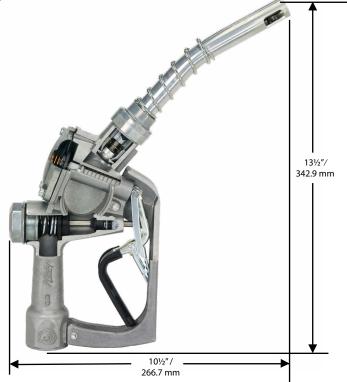
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

#### **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	without Hold Open Clip		3.4 (1.5)
209861N^	with Three Notch Hold Open Clip and Waff	le Splash Guard	3.4 (1.5)
1426403N	with Two Notch Hold Open Clip, EZ Lever a	nd Full Grip Guard	3.4 (1.5)
2098208N′	with Three Notch Hold Open Clip and Red	ucer Bushing	3.4 (1.5)
2098238^	with Single Notch Hold Open Clip		3.4 (1.5)
		^	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

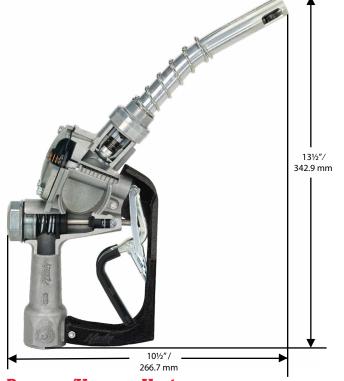
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

#### **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

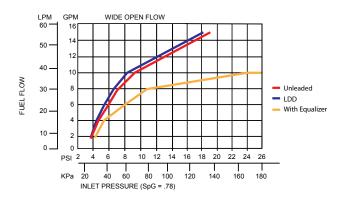
#### **New Light Duty Diesel Nozzles**

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**

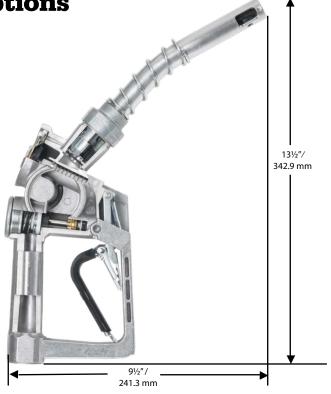
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

#### **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

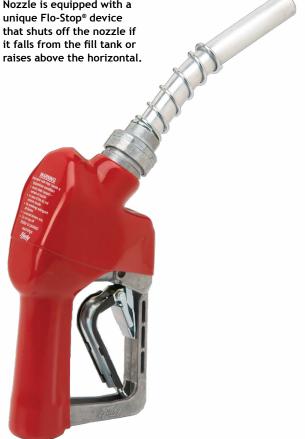
MODEL NO.	DESCRIPTION
003376	Black Handle Cover
004145	Full Grip Guard
001806	Full Grip Reguard
005494	Lever Guard
003440	Mate Easy-on Package
003795	Mate Guard
008176	POPD® EZH Nozzle Guard
008175	POPD® EZS Nozzle Guard
007999	POPD® H Clear Cover
008185	POPD® H Full Grip Guard
008192	POPD® H Full Grip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

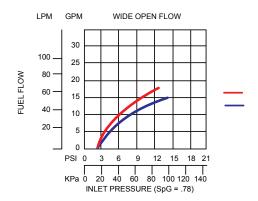
MODEL NO.	DESCRIPTION SHIPPING WEIG	GHT LBS (KG)
498404N^	with Three Notch Hold Open Clip	3.0 (1.3)
498408	without Hold Open Clip	3.0 (1.3)
498462N^	with Three Notch Hold Open Clip and Waffle Splas	h
	Guard	2.7 (1.2)
498466	without Hold Open Clip, with Waffle Splash Guard	2.7 (1.2)
		^ NOT LISTED

#### **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**

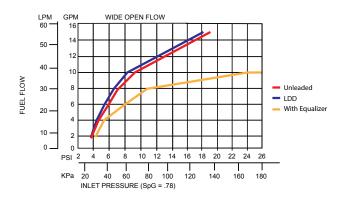
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
538416N^	with Three Notch Hold Open Clip	3.1 (1.4)
E538416A*	with Three Notch Hold Open Clip	- Atex 3.1 (1.4)
E538420	without Hold Open Clip	3.1 (1.4)
		^ NOT LISTED

### **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









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# **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

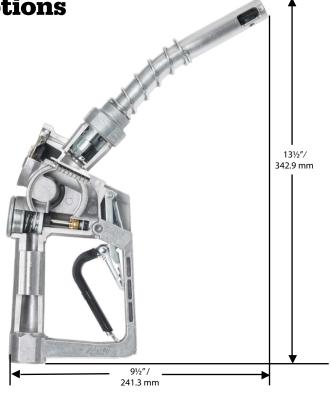
MODEL NO.	DESCRIPTION
006310	¾" M NPT Multi-Plane Swivel connected to ¾" F NPT Reconnectable Safe-T-Break®
007085	¾" M BSPP Multi-Plane Swivel connected to ¾" F BSPP Reconnectable Safe-T-Break®
007085A	34" M BSPP Multi-Plane Swivel connected to 34" F BSPP Reconnectable Safe-T-Break® - Atex

#### **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



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## X Rebuilt Nozzles



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

- X nozzle shuts off when the gas tank is full.
- · Aluminum reinforced spout bushing keeps the spout tip round and acts as a captive fastener to prevent tip-end sensor damage.
- · Nozzle is equipped with a unique Flo-Stop® device
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- · Comes standard with smooth full grip guard.



#### **Rebuilt Unleaded Nozzles with NPT**

	IT LBS (KG)
with Three Notch Hold Open Clip	3.1 (1.4)
with Three Notch Hold Open Clip	3.1 (1.4)
without Hold Open Clip	3.1 (1.4)
with Three Notch Hold Open Clip and Sightglass	3.1 (1.4)
with Three Notch Hold Open Clip, Waffle Splash Guard and Flo-Equalizer®	3.1 (1.4)
with Three Notch Hold Open Clip and Flo-Equalizer®	3.1 (1.4)
without Hold Open Clip with Flo-Equalizer®	3.1 (1.4)
	with Three Notch Hold Open Clip without Hold Open Clip with Three Notch Hold Open Clip and Sightglass with Three Notch Hold Open Clip, Waffle Splash Guard and Flo-Equalizer® with Three Notch Hold Open Clip and Flo-Equalizer®

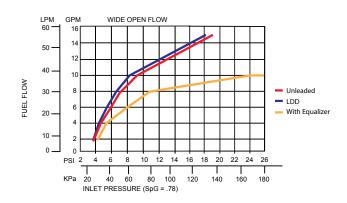
^ NOT LISTED

### **Rebuilt Light Duty Diesel Nozzles with NPT**

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











# **X** Rebuilt 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	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





# 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	ouble	e o-ri	ng se	al pr	otect	ed b	y fibei	r rein	force	ed Te	eflon®
Leve	r	С	ne pi	iece (	conto	ured	steel	with	hard	l plast	ic co	over	-
Inlet	: LPM	3/. GPM	4" / 1			IPT							
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FUEL FLOW	30 —	8 -	+		4		+	+	$\Box$	4	+	4	<ul><li>Unleaded</li></ul>
FUEL	20 —	6 -					1				t	1	<ul><li>LDD</li><li>With Equalizer</li></ul>
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			T 20 INLET	40 PRES	60 SURE	80 (SpG :	100 = .78)	120	140	16	0 1	180	_







# 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**

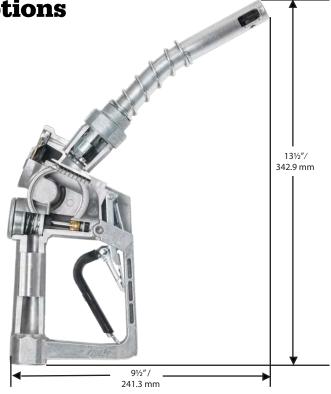
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

#### **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

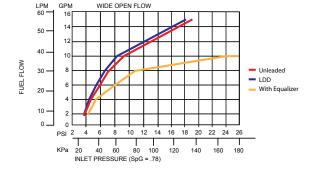


#### Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

- 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**

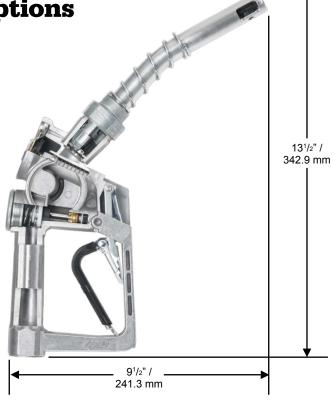
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

#### **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**

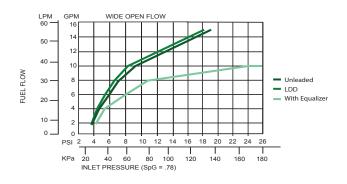
MODEL NO.	DESCRIPTION S	SHIPPING WEIGHT LBS (KG)
159516	with Three Notch Hold Open Clip	3.0 (1.3)
159516A*	with Three Notch Hold Open Clip -	Atex 3.0 (1.3)
E159516N^	with Three Notch Hold Open Clip	3.0 (1.3)
E159516	with Three Notch Hold Open Clip	3.1 (1.4)
159520	without Hold Open Clip	3.0 (1.3)
E159520	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









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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**

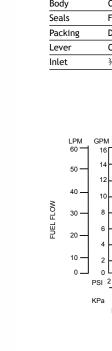
MODEL NO.	DESCRIPTION SHIPPING	G WEIGHT LBS (KG)
498104	with Three Notch Hold Open Clip	3.1 (1.4)
498108	without Hold Open Clip	3.1 (1.4)
498162	with Three Notch Hold Open Clip and Waffle Splash Guard	e 3.0 (1.3)
498166	without Hold Open Clip, with Waffle Splash	Guard 3.0 (1.3)
498195	with Three Notch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

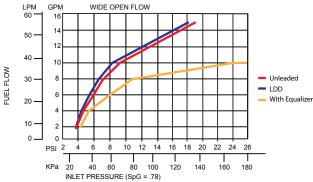
### **New Light Duty Diesel Nozzles**

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**

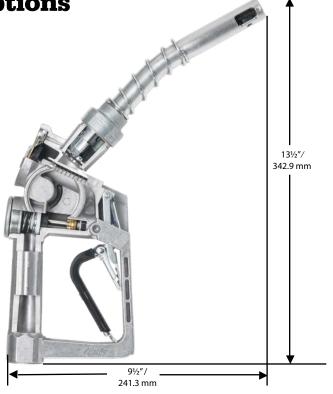
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

#### **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



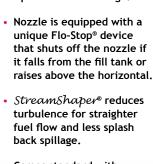




### Pressure activated, automatic shut-off nozzle for full-service and self-service stations.

- 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 (	pen 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

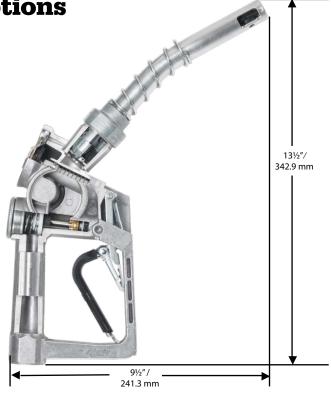
MODEL NO.	DESCRIPTION
006310	34" M NPT Multi-Plane Swivel connected to 34" F NPT Reconnectable Safe-T-Break®
007085	¾" M BSPP Multi-Plane Swivel connected to ¾" F BSPP Reconnectable Safe-T-Break®
007085A	34" M BSPP Multi-Plane Swivel connected to 34" F BSPP Reconnectable Safe-T-Break® - Atex

#### **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<sup>®</sup> 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 VSG, Sightglass and Lenticular Lens 3.0 (1.3	
E159560	with Three Notch Hold Open Clip Waffle Splash Guard	o, Mate Guard and 3.3 (1.4)

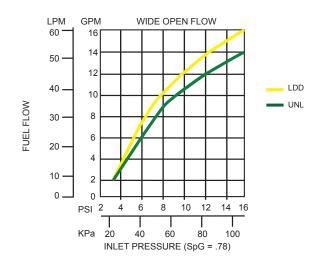
#### **New Light Duty Diesel Nozzles**

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<sup>®</sup> 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®** Rebuilt Nozzles



## 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.



#### **Rebuilt Unleaded Nozzles**

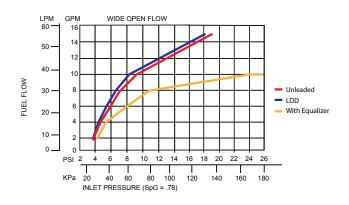
MODEL NO.	DESCRIPTION SHIPPIN	SHIPPING WEIGHT LBS (KG)	
265804	with Three Notch Hold Open Clip	3.1 (1.4)	
265824	with Three Notch Hold Open Clip and Sight	tglass 3.1 (1.4)	
265844	with Three Notch Hold Open Clip, Waffle S Guard and Flo-Equalizer®	Splash 3.1 (1.4)	
265854	with Three Notch Hold Open Clip and Flo-E	Equalizer® 3.1 (1.4)	
265858	without Hold Open Clip, with Flo-Equalize	r® 3.1 (1.4)	
265864	with Three Notch Hold Open Clip and Waff Splash Guard	fle 3.0 (1.3)	

### **Rebuilt Light Duty Diesel Nozzles**

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)	
265803	with Three Notch Hold Open Clip		3.1 (1.4)
265807	without Hold Open Clip		3.1 (1.4)
265845	with Three Notch Hold Open Clip	and Flo-Equalizer®	3.1 (1.4)
265857	with Three Notch Hold Open Clip Splash Guard	and Waffle	3.3 (1.4)
265863	with Three Notch Hold Open Clip Splash Guard	and Waffle	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	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 Black Swivel
002272	¾" M x ¾" F NPT 90° Pump Swivel
003895	¾" M x ¾" F NPT Inline Swivel
002950	¾" M x ¾" F NPT Multi-Plane Restricted Swivel

#### Swivel/Safe-T-Break® Combos

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

#### **Spouts**

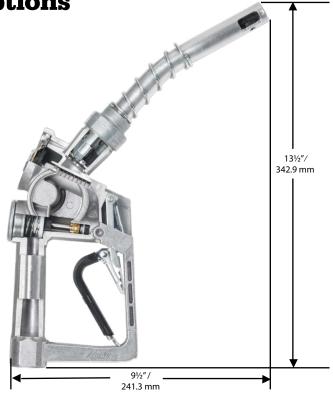
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

#### **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 Guard





## **XS<sup>®</sup> 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)

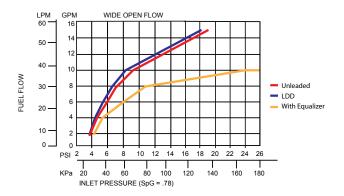
#### **New Light Duty Diesel Nozzles**

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<sup>®</sup> 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





## 1A Rebuilt Nozzles



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

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

#### **Rebuilt Unleaded Nozzles**

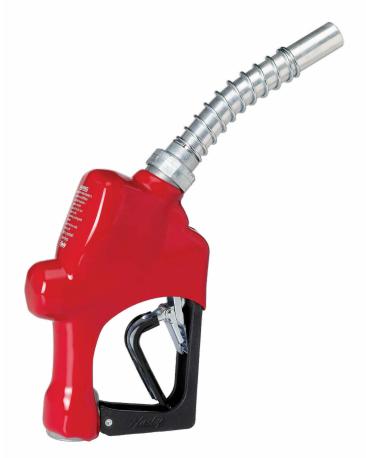
MODEL	DESCRIPTION SH	IPPING WEIGHT LBS (KO	G)
074704N^	with Three Notch Hold Open Clip	3.5 (1.	.6)
074708	without Hold Open Clip	3.5 (1.	.6)
074759N^	with Three Notch Hold Open Clip and Waffle Sp	olash Guard 3.5 (1.	.6)
074772N^	with Three Notch Hold Open Clip, Waffle Splash	h Guard with	
	Reducer Bushing	3.3 (1	.4)
		^ NOT LISTE	ED

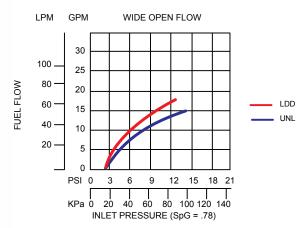
#### **Rebuilt Light Duty Diesel Nozzles**

MODEL	DESCRIPTION SHIPPING WEI	GHT LBS (KG)
074703N^	with Three Notch Hold Open Clip	3.6 (1.7)
074761N^	with Three Notch Hold Open Clip and Waffle Splash Guard	3.6 (1.7)
074773N^	with Three Notch Hold Open Clip, Waffle Splash Guard and	1
	Reducer Bushing	3.0 (1.3)
Reducer Bushing		3.3 (1.4)
		^ 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













# 1A Rebuilt Nozzles

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

## **Dimensions and System Options**

#### Safe-T-Breaks®

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

#### **Swivels**

DESCRIPTION
1" M x 1" F NPT Multi-Plane Swivel
1" M x 1" F NPT Multi-Plane High Flow Swivel
1" M x 1" F NPT 70° Pump Swivel
1" M x 1" F NPT Multi-Plane Restricted Swivel
1" M x ¾" F NPT Multi-Plane Swivel
1" M x ¾" F NPT Multi-Plane Swivel Anodized Black
1" M x 1" F BSPP Multi-Plane Swivel
1" M x 1" F BSPP Multi-Plane Swivel - Atex
1" M x 1" F BSPP Multi-Plane High Flow Swivel

#### Swivel/Safe-T-Break® Combos

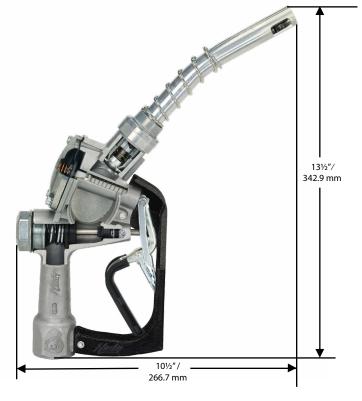
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

#### **Spouts**

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

#### **Accessories, Testing and Maintenance**

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



#### **Pressure/Vacuum Vents**

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

#### Guards

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





# **X CW Rebuilt Nozzles**



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

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

### **Rebuilt Unleaded Nozzles**

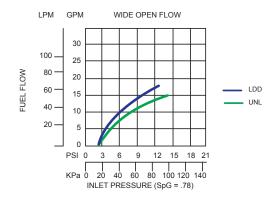
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
503704N^	with Three Notch Hold Open Clip	3.1 (1.4)
		^ NOT LISTED

#### **Rebuilt Light Duty Diesel Nozzles**

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

#### Construction

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













# **X CW Rebuilt 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 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





## **XS<sup>®</sup> Rebuilt CW Nozzles**



#### 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.

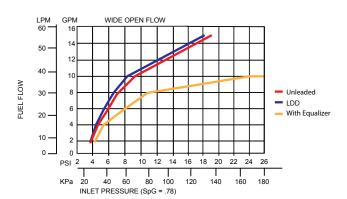
#### **Rebuilt Unleaded Nozzles**

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
503904	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













# **XS®** Rebuilt CW 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
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 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
008176	POPD® EZS Nozzle Guard
007999	POPD® H Clear Cover
008185	POPD® H Full Grip Guard
008192	POPD® H Full Grip Reguard
008166	POPD® H Mate Guard
006628	POPD® S Clear Cover
006665	POPD® S Full Grip Guard
007205	POPD® S Full Grip Reguard
008165	POPD® S Mate Guard
001506	Protection Package
001809	Reguard Protection Package
001808	Waffle Splash Guard





## **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**

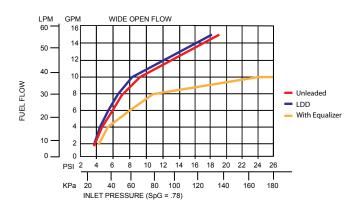
MODEL NO.	DESCRIPTION	SHIPPING WEIG	HT LBS (KG)
1163404N	with Two Notch Hold Open Clip		3.0 (1.4)
116342535	without Hold Open Clip, with POPD Splash Guard	® S and Waffle	3.0 (1.4)
13458119N^	with Two Notch Hold Open Clip and	I POPD® H	3.0 (1.4)
13458214N^	with Two Notch Hold Open Clip, Lo Excessive Heat 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

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

#### **Spouts**

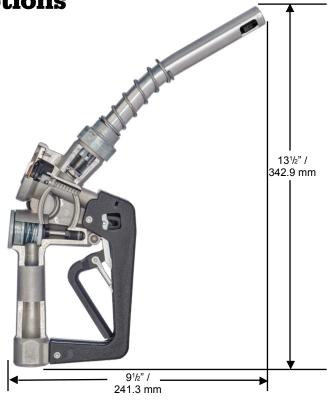
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

#### **Pressure/Vacuum Vents**

004620 2'	" Clin On Branch Vanna Vant
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

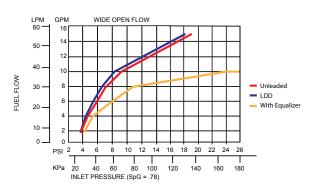
#### **New Light Duty Diesel Nozzles**

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**

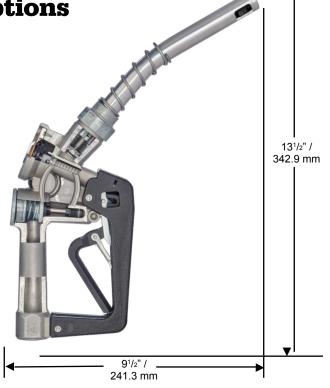
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

#### **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<sup>®</sup> 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)
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^NOT LISTED

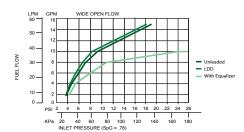
#### CONSTRUCTION

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**

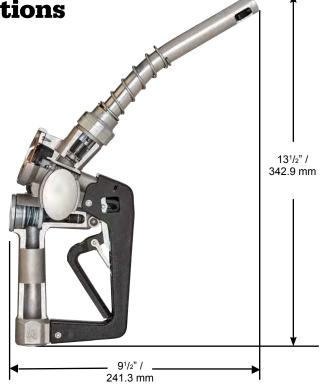
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

#### **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)

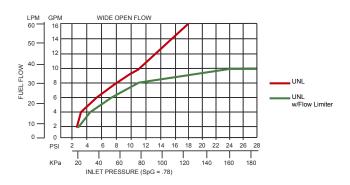
#### **New Cold Weather Unleaded Nozzles**

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**

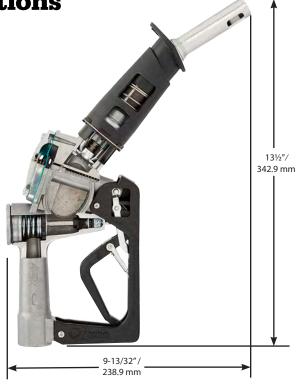
MODEL NO.	DESCRIPTION
013664	Unleaded ECO Spout Assembly Kit

#### **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)

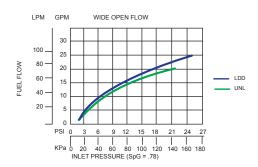
#### **New Light Duty Diesel Nozzles with NPT**

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

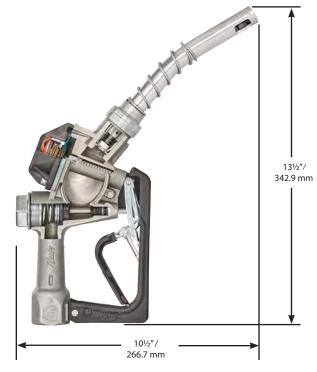
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

#### **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)

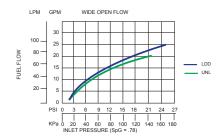
#### **New Light Duty Diesel Nozzles with NPT**

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

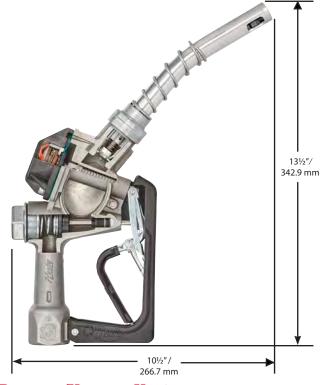
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

#### **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)

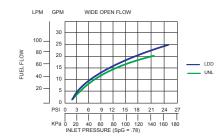
#### **New Light Duty Diesel Nozzles with NPT**

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

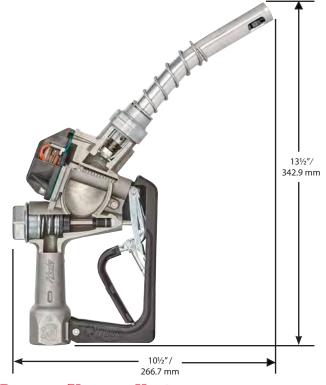
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

#### **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)

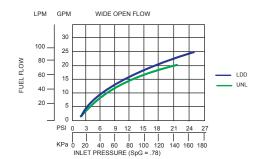
#### **New Light Duty Diesel Nozzles with NPT**

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

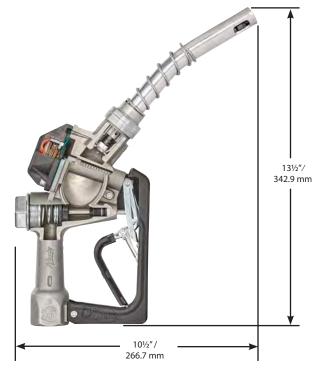
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

#### **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<sup>®</sup> 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.

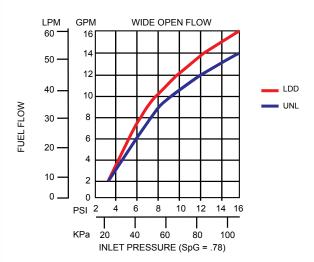
#### **New Light Duty Diesel Nozzles**

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)

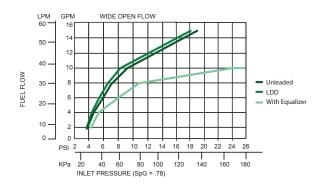
#### **New Light Duty Diesel Nozzles**

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<sup>®</sup> 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**

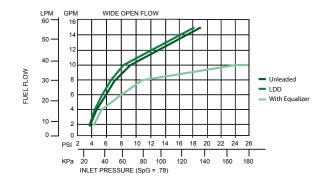
MODEL	DESCRIPTION	SHIPPING '	WEIGHT LBS (KG)
1456959	with Three Notch Hold Open Clip and Waffle S	plash Guard	3.1 (1.4)
1456966	without Hold Open Clip, With Waffle Splash Gu	ıard	3.1 (1.4)

#### **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

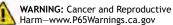
Body	Die cast aluminum with polymer handguard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber reinforced Teflon®
Lever	Polymer lever, one piece
Inlet	3/4" / 19.1 mm NPT













# **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**

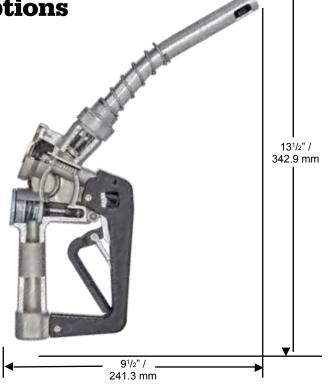
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

#### **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

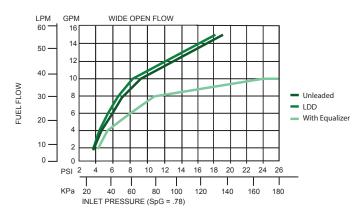
#### **New Light Duty Diesel Nozzles**

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**

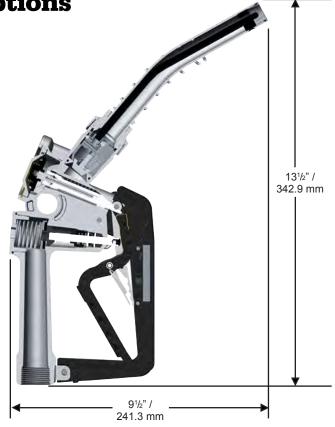
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®

#### **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<sup>®</sup> 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

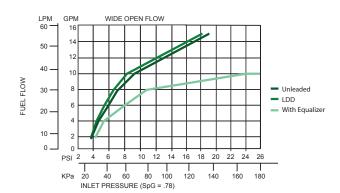
#### **New Light Duty Diesel Nozzles**

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<sup>®</sup> 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

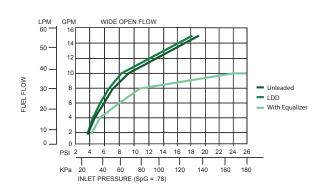
MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
E11635272	with Two Notch Hold Open Clip	3.1 (1.4)

^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<sup>®</sup> 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**

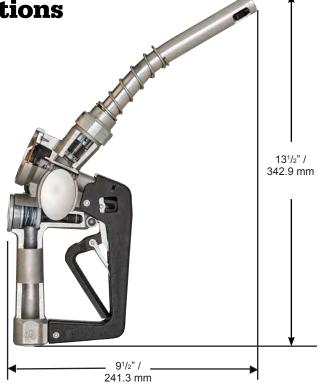
MODEL NO.	DESCRIPTION
001473	Unleaded Spout without Flo-Stop®
010434	Unleaded Long Spout without Flo-Stop®
001471	Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
010353	Light Duty Diesel Long Spout without Flo-Stop®

#### **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

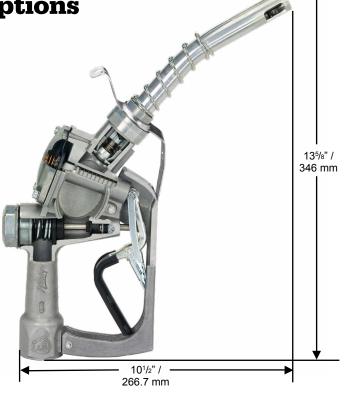
MODEL NO.	DESCRIPTION
005969	1" M NPTF Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

#### **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



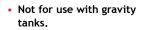


# 1GS Nozzles



## 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 <sup>^</sup> 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

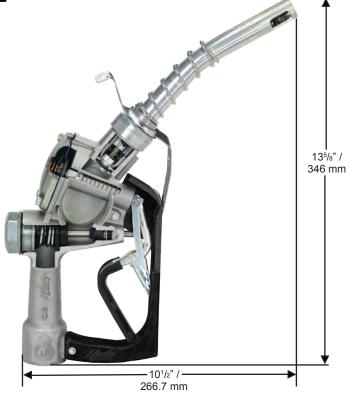
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

#### **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

Guaras		
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 Rebuilt Nozzles**



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

- 1GS nozzle shuts off when the gas tank is full.
- · Nozzle is equipped with unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or
- · Not for use with gravity tanks.
- · Not legal for retail dispensing applications.



#### **Rebuilt Unleaded Nozzles**

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

#### **Rebuilt Light Duty Diesel Nozzles**

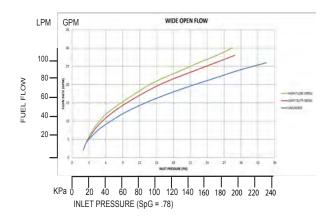
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
078603N^	with Three Notch Hold Ope	n Clip and Hook 3.6 (1.6)
0786208N^	with Three Notch Hold Ope Bushing	n Clip, Hook and Reducer 3.6 (1.6)
	-	^ NOT LISTED

#### **Rebuilt Heavy Duty Diesel Nozzles**

MODEL NO.	DESCRIPTION SHIPPING W	/EIGHT LBS (KG)
078610N^	with Three Notch Hold Open Clip and Hook	3.6 (1.6)
		^ 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









# **1GS Rebuilt Nozzles**

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

## **Dimensions and System Options**

#### Safe-T-Breaks®

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

#### **Swivels**

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

#### Swivel • Safe-T-Break® Combos

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

#### **Spouts**

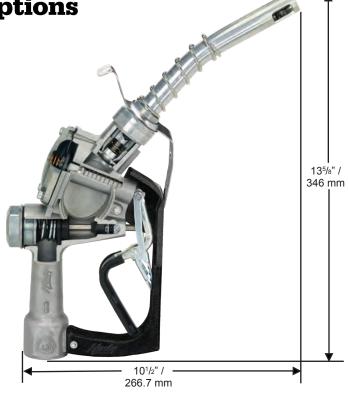
DESCRIPTION
Unleaded Spout without Flo-Stop®
Unleaded Long Spout without Flo-Stop®
Light Duty Diesel Spout without Flo-Stop® with StreamShaper®
Light Duty Diesel Long Spout without Flo-Stop®
Heavy Duty Diesel Spout with Flo-Stop®

#### **Pressure/Vacuum Vents**

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

#### **Accessories, Testing and Maintenance**

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



#### Guards

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







#### 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 <sup>^</sup>	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**

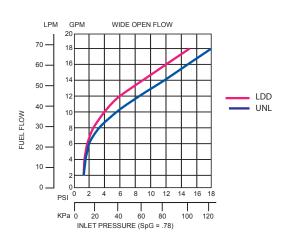
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
337003N^	with Hold Open Clip and Hook	3.2 (1.4)
337007	without Hold Open Clip and Hook	3.2 (1.4)
503403N^	with Hold Open Clip without Hook	3.6 (1.6)
		A NOT LISTED

#### **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

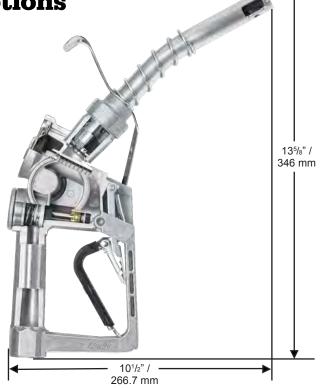
MODEL NO	DESCRIPTION
006310	¾" M NPT Multi-Plane Swivel connected to
	¾" F NPT Reconnectable Safe-T-Break®
007085	3/4" M BSPP Multi-Plane Swivel connected to
	¾" F BSPP Reconnectable Safe-T-Break®
007085A	¾" M BSPP Multi-Plane Swivel connected to
	¾" F BSPP Reconnectable Safe-T-Break® - Atex

#### **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.

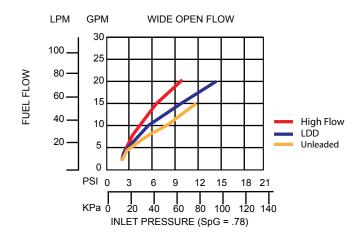
## **New Heavy Duty Diesel Nozzles with NPT**

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

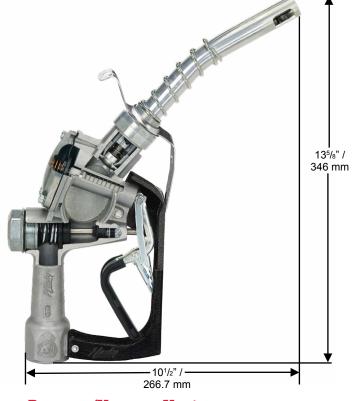
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

#### **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





# XFS Rebuilt Nozzles



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

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

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

#### **Rebuilt Unleaded Nozzles with NPT**

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

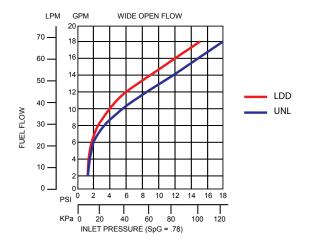
#### **Rebuilt Light Duty Diesel Nozzles with NPT**

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
504303N^	with Hold Open Clip and Hook	3.2 (1.4)
		^ 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













# XFS Rebuilt Nozzles

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

## **Dimensions and System Options**

#### Safe-T-Breaks®

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

#### **Swivels**

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

#### Swivel • Safe-T-Break® Combos

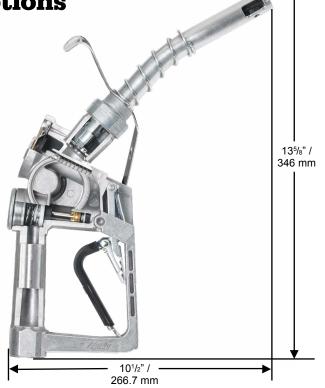
MODEL NO.	DESCRIPTION
006310	¾" M NPT Multi-Plane Swivel connected to ¾" F NPT Reconnectable Safe-T-Break®
007085	34" M BSPP Multi-Plane Swivel connected to 34" F BSPP Reconnectable Safe-T-Break®
007085A	¾" M BSPP Multi-Plane Swivel connected to ¾" F BSPP Reconnectable Safe-T-Break® - Atex

#### **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

DESCRIPTION	
Black Handle Cover	
Full Grip Guard	
Full Grip Reguard	
Lever Guard	
Mate Easy-on Package	
Mate Guard	
POPD® EZH Nozzle Guard	
POPD® EZS Nozzle Guard	
POPD® H Clear Cover	
POPD® H Mate Guard	
POPD® H Full Grip Guard	
POPD® H Full Grip Reguard	
POPD® S Clear Cover	
POPD® S Full Grip Guard	
POPD® S Full Grip Reguard	
POPD® S Mate Guard	
Protection Package	
Reguard Protection Package	
Waffle Splash Guard	





# 1GS Rebuilt Nozzles



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

- 1GS nozzle shuts off when the gas tank is full.
- 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.

#### **Rebuilt Unleaded Nozzles with NPT**

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
696559N^	with Three Notch Hold Open Clip Bushing	, Hook and Reducer 3.6 (1.6)
		^ NOT LISTED

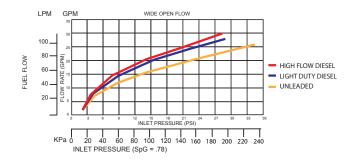
#### **Rebuilt Light Duty Diesel Nozzles with NPT**

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	LBS (KG)
6965208N^	with Three Notch Hold Open Clip, Bushing	Hook and Reducer	3.6 (1.6)
-		^ N	NOT LISTED

#### Construction

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













# **1GS Rebuilt Nozzles**

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

## **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

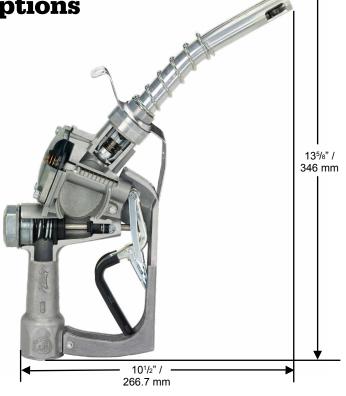
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

#### **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

<u>addidb</u>		
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 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	SHIPPING WEIGHT LBS (KG)	
1216503	with Three Notch Hold Open Clip and	Hook	3.6 (1.6)	

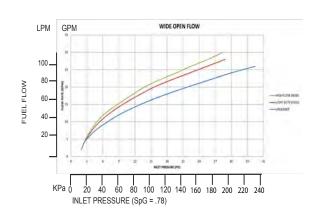
#### **New Heavy Duty Diesel Nozzles with NPT**

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

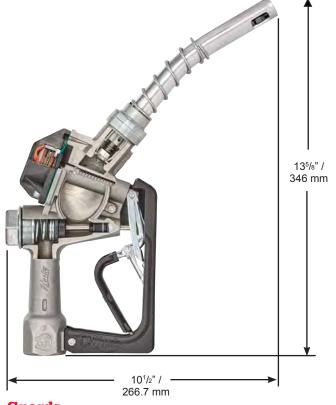
MODEL NO.	DESCRIPTION
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

#### **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)

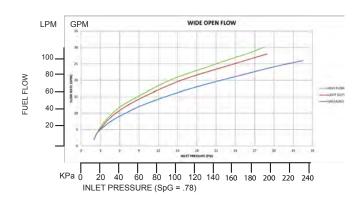
#### **Heavy Duty Diesel Nozzles with NPT**

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

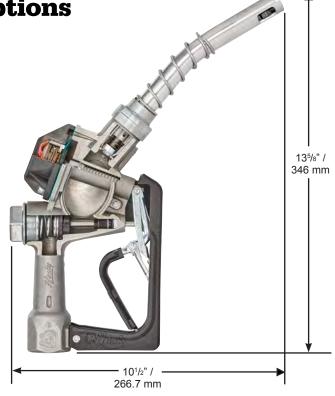
MODEL NO.	DESCRIPTION
005969	1" M NPTF Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex

#### **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.

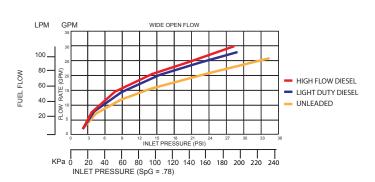
#### **New Heavy Duty Diesel Nozzles with NPT**

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

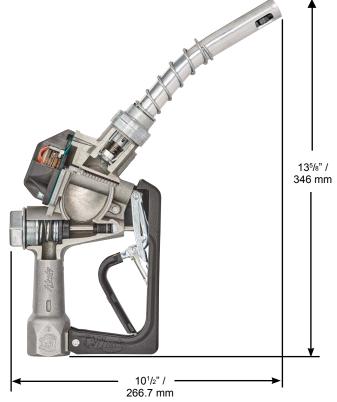
MODEL NO.	DESCRIPTION	
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®	
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®	
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex	

#### **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

addidi	
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.

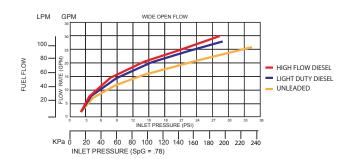
## **Heavy Duty Diesel Nozzles with NPT**

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT 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

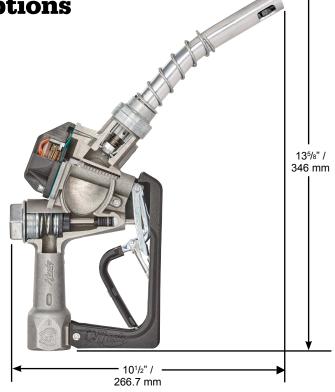
MODEL NO.	DESCRIPTION	
005969	1" M NPTF Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®	
008015	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®	
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex	

#### **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	85 2" Thread-On Pressure Vacuum Vent - NPT	
005885	$2"\ \mbox{Thread-On Pressure Vacuum Vent with Internal Screen}$ - 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
- 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



#### **DEF Nozzles with 1" BSPP**

MODEL NO.	DESCRIPTION SHIPPING WE	IGHT LBS (KG)
731004N^	with Two Notch Hold Open Clip; without Spout Ring and magnetic Accufuel® Spou	ut 4.6 (2.1)
731088N^	with Two Notch Hold Open Clip and Spout Ring; without magnetic Accufuel® Spout	4.6 (2.1)
731091N^	with Two Notch Hold Open Clip, Spout Ring and magnetic Accufuel® Spout	4.6 (2.1)
1043691N^	with Two Notch Hold Open Clip, Spout Ring, mag Accufuel® Spout, and Waffle Guard - M34 Thread	-
7310192N^	with Two Notch Hold Open Clip, Spout Ring, Grounding Cable and Spout Cap, without magne Accufuel® Spout	tic 4.6 (2.1)
	·	^ NOT LISTED

#### **DEF Nozzles with M34**

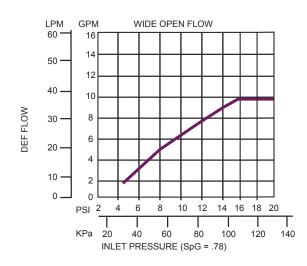
MODEL NO.

1043691N<sup>^</sup>

DESCRIPTION	SHIPPING WEIGHT LBS (KG)
with Two Notch Hold Open Clip	, Spout Ring, magnetic
Accufuel® Spout, and Waffle Gu	uard 4.6 (2.1)

Consti	ruction	^ NOT LISTED
Body	Investment Cast Stainless Steel	

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	











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.

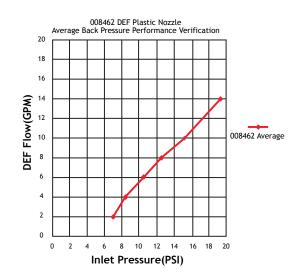


## **New Polymer DEF Nozzle with 1" BSPP**

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**

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

#### **Accessories, Testing and Maintenance**

MODEL NO.	DESCRIPTION
007523	1" BSPP Seal Kit Assembly



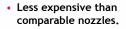


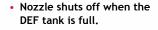
## X DEF Nozzle

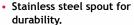


#### Automatic shut-off Diesel Exhaust Fluid (DEF) nozzle for full-service and self-service stations.

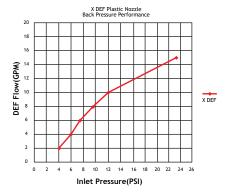
- Lighter than stainless steel nozzles.
- Streamshaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Flow characteristics of nozzle reduces crystallization of DEF.
- · Complies with ISO Standard 22241-2:2006.













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	



# **X DEF Nozzle**

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)	
004145	Full Nozzle Guard	
003795	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**

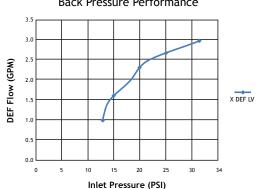
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
15948276N^	with One Notch Hold Open Clip, EZ Lever and Gilbarco	
	Magnetic Hand Guard without Spout Groove 3.0 (1.3)	

^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**

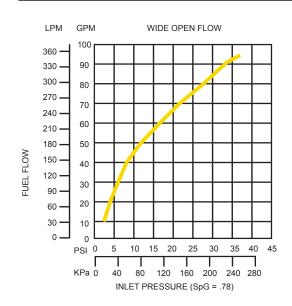
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
169410N^	without shear groove in spout	4.6 (2.0)
		A NOT LISTED

#### **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

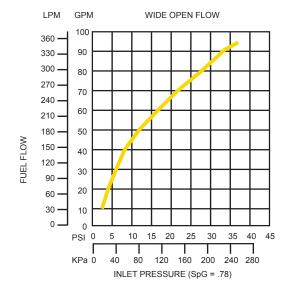
#### **Rebuilt Nozzles**

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**

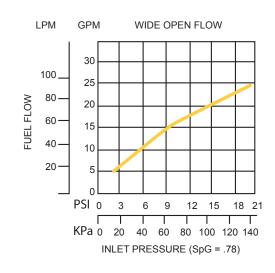
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
696610N^	with Three Notch Hold Open Clip	3.4 (1.5)
696665N^	with Three Notch Hold Open Clip Guard	and Waffle Splash 3.3 (1.4)
696612	without Hold Open Clip	3.4 (1.5)
		^ NOT LISTED

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

#### **Swivels**

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

#### Swivel/Safe-T-Break® Combos

MODEL NO. DESCRIPTION		
005969	1" M NPT Multi-Plane Swivel connected to 1" F NPT Reconnectable Safe-T-Break®	
008015	5 1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break®	
008015A	1" M BSPP Multi-Plane Swivel connected to 1" F BSPP Reconnectable Safe-T-Break® - Atex	

#### **Spouts**

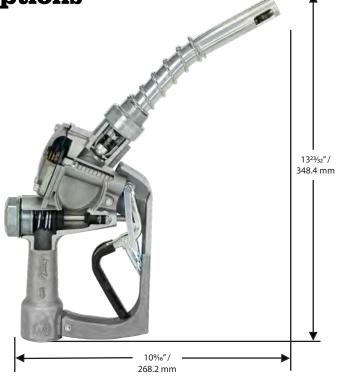
MODEL NO	MODEL NO. DESCRIPTION	
005215	Heavy Duty Diesel Spout with Flo-Stop®	

#### **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	







### 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)

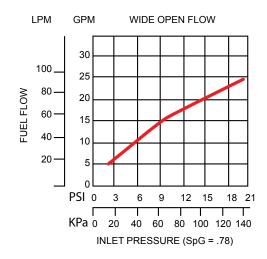
^ NOT LISTED

#### **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**

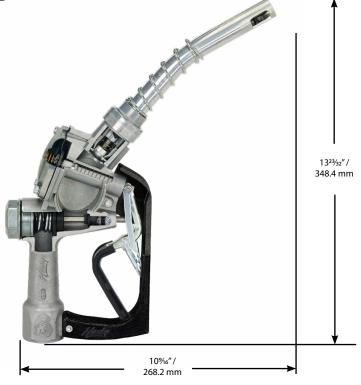
MODEL NO. DESCRIPTION		
005215	Heavy Duty Diesel Spout with Flo-Stop®	

#### **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	







- 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.

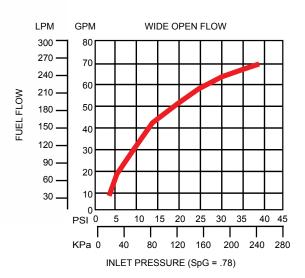


### **New Heavy Duty Diesel Nozzles with NPT**

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











# VIII 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** 

#### 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**

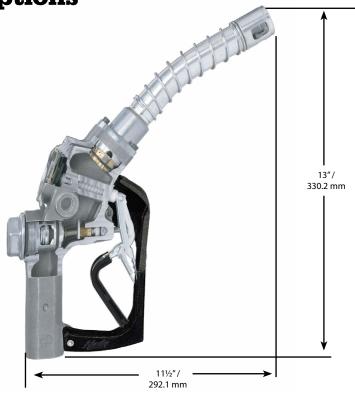
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly with Spout Bushing
005017	Complete Spout Assembly without Spout Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

#### **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.

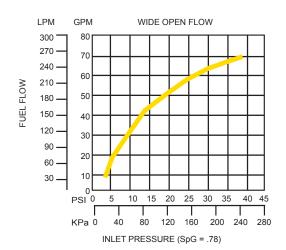
#### **New Nozzles**

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

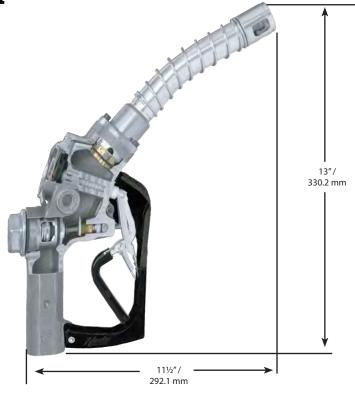
MODEL NO. DESCRIPTION		
002279	Complete Spout Assembly Kit with Bushing	
005017	Complete Spout Assembly Kit without Bushing	
003589	Complete Long Spout Assembly with Spout Bushing	
011043	Complete Spout Assembly without Bushing and Small Spout Spring	

#### **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

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.

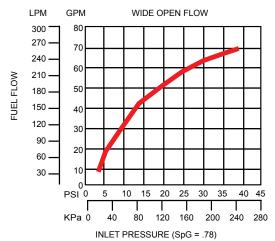
#### **New Nozzles**

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**

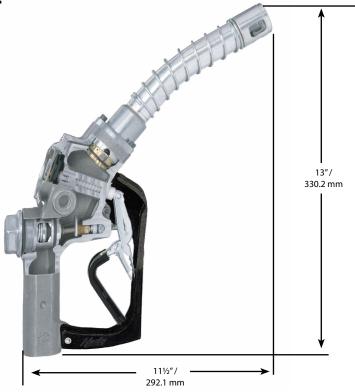
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly Kit with Bushing
005017	Complete Spout Assembly Kit without Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

#### **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

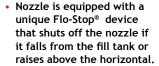






### Pressure activated, automatic shut-off nozzle with polymer handguard for truck stop and other high volume full-service, self-service and unattended stations.

- 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



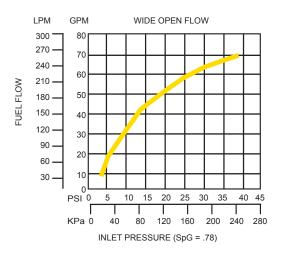


#### **New Heavy Duty Diesel Nozzles with NPT**

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**

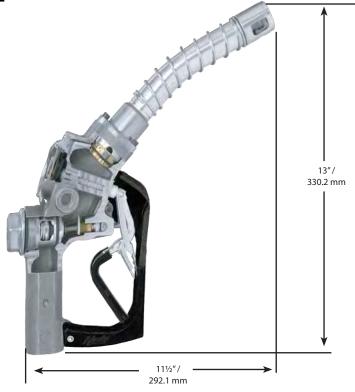
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly with Spout Bushing
005017	Complete Spout Assembly without Spout Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

#### **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 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.

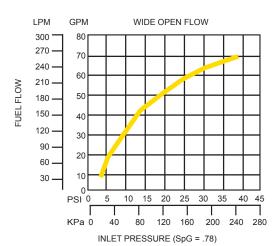
### **New Nozzles**

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 Waff 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

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













# 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

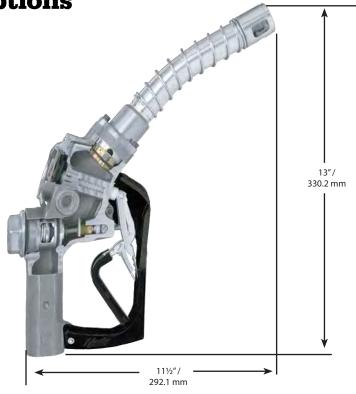
MODEL NO. DESCRIPTION		
002279	Complete Spout Assembly Kit with Bushing	
005017	Complete Spout Assembly Kit without Bushing	
003589	Complete Long Spout Assembly with Spout Bushing	
011043	Complete Spout Assembly without Bushing and Small Spout Spring	

#### **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.

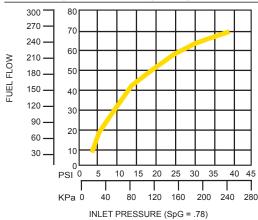
- VIIIS Nozzle shuts off when:
- the pump shuts off.
- the gas tank is full.
- the lever is opened before the pump is turned on.
- the leak detector has not completed the test cycle.
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises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

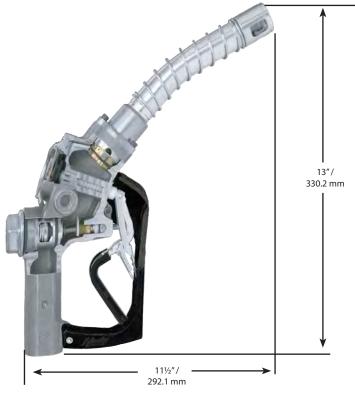
MODEL NO.	DESCRIPTION	
002279	Complete Spout Assembly Kit with Bushing	
005017	Complete Spout Assembly Kit without Bushing	
003589	Complete Long Spout Assembly with Spout Bushing	
011043	Complete Spout Assembly without Bushing and Small Spout Spring	

#### **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





## VIII Rebuilt Nozzles

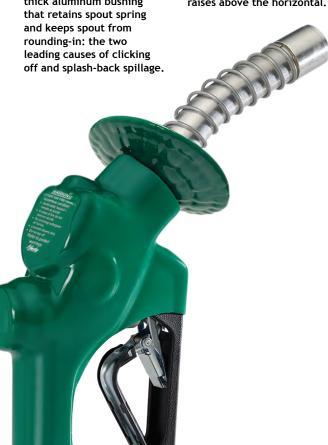


### Automatic shut-off nozzle with polymer handguard for truck stop and other high volume full-service, self-service and unattended stations.

 VIII nozzle shuts off when the gas tank is full.

· Spout is reinforced with thick aluminum bushing that retains spout spring and keeps spout from rounding-in: the two

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

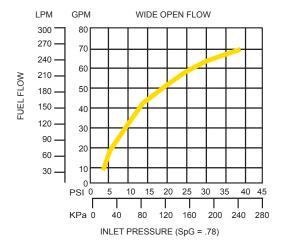


#### **Rebuilt Heavy Duty Diesel Nozzles with NPT**

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
265910N^	with Three Notch Hold Open C and Spout Bushing	lip, Waffle Splash Guard 3.9 (1.7)
265912	without Hold Open Clip, with V Spout Bushing	Waffle Splash Guard and 3.9 (1.7)
502510N^	with Three Notch Hold Open C Guard without Spout Bushing	lip and Waffle Splash 3.9 (1.7)
		^ 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











# VIII Rebuilt 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** 

#### Safe-T-Breaks®

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

#### **Swivels**

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

#### Swivel/Safe-T-Break® Combos

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

#### **Spouts**

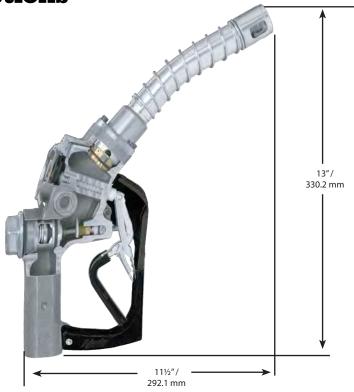
MODEL NO.	DESCRIPTION	
002279	Complete Spout Assembly with Spout Bushing	
005017	Complete Spout Assembly without Spout Bushing	
003589	Complete Long Spout Assembly with Spout Bushing	
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring	

#### **Pressure/Vacuum Vents**

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

#### **Accessories, Testing and Maintenance**

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



#### Guards

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





## **VIIIS Rebuilt Nozzles**



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

- VIIIS nozzle shuts off when:
   Nozzle is equipped with a
- the pump shuts off.
- the gas tank is full.
- the lever is opened before the pump is turned on.

· Spout is reinforced with

thick aluminum bushing

- 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.

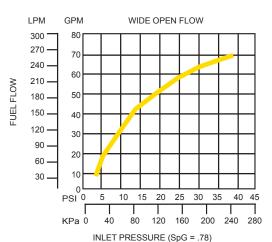
## Rebuilt Heavy Duty Diesel Nozzles with NPT

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KC
266010	with Three Notch Hold Open Clip Waffle Splash Guard and Spout B	
503510	with Three Notch Hold Open Clip Waffle Splash Guard without Spo	



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













## **VIIIS Rebuilt Nozzles**

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

**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**

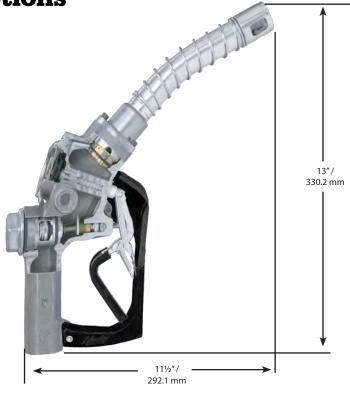
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly with Spout Bushing
005017	Complete Spout Assembly without Spout Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

#### **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







- VIII nozzle shuts off when the gas tank is full.
- · Spout is reinforced with thick aluminum bushing that retains spout spring and keeps spout from rounding-in: the two leading causes of clicking off and splash-back spillage.
- · Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.



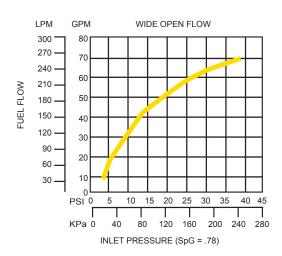
### **New Heavy Duty Diesel Nozzles with NPT**

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
749310N^	with Three Notch Hold Open Clip and Spout Bushing	, Waffle 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 without Spout Bushing	and Waffle Splash Guard, 4.4 (2.0)
75061001N^	with Three Notch Hold Open Clip and Long Spout, without Spout Bu	
750612	without Hold Open Clip or Spout Splash Guard	Bushing, with Waffle 4.4 (2.0)
7506230N^	with Three Notch Hold Open Clip and Short Spout Spring, without S	
750681N^	with Three Notch Hold Open Clip Guard or Spout Bushing	, without Waffle Splash 4.3 (2.0)
1108710N^	with Three Notch Hold Open Clip and Spout Bushing, Nickel Plated	•

#### Construction

^ NOT LISTED

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











**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**

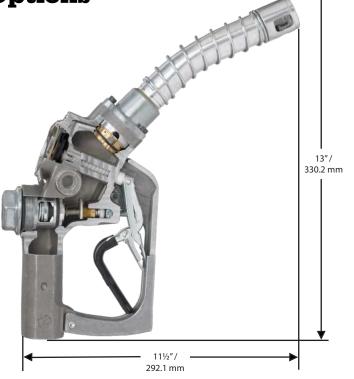
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly with Spout Bushing
005017	Complete Spout Assembly without Spout Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

#### **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







- 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.

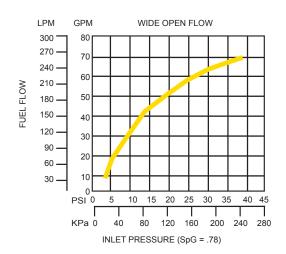


### **New Heavy Duty Diesel Nozzles with NPT**

	<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











**Dimensions and System Options** 

#### Safe-T-Breaks®

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

#### **Swivels**

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

#### Swivel/Safe-T-Break® Combos

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

#### **Spouts**

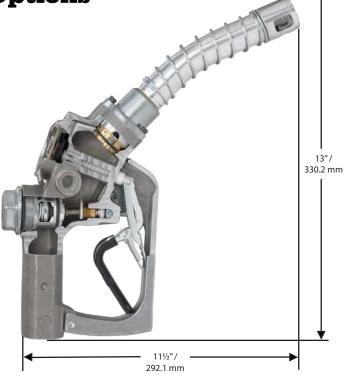
MODEL NO.	DESCRIPTION	
002279	Complete Spout Assembly with Spout Bushing	
005017	Complete Spout Assembly without Spout Bushing	
003589	Complete Long Spout Assembly with Spout Bushing	
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring	

#### **Pressure/Vacuum Vents**

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

#### **Accessories, Testing and Maintenance**

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



### Guards

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







- VIIIS 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.

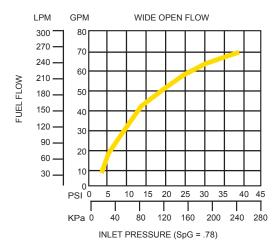
### **New Heavy Duty Diesel Nozzles with NPT**

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













**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**

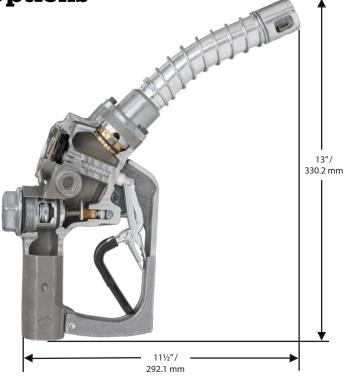
MODEL NO.	DESCRIPTION	
002279	Complete Spout Assembly with Spout Bushing	
005017	Complete Spout Assembly without Spout Bushing	
003589	Complete Long Spout Assembly with Spout Bushing	
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring	

#### **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.



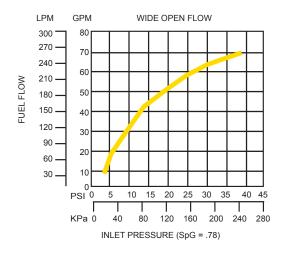
#### **New Nozzles**

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**

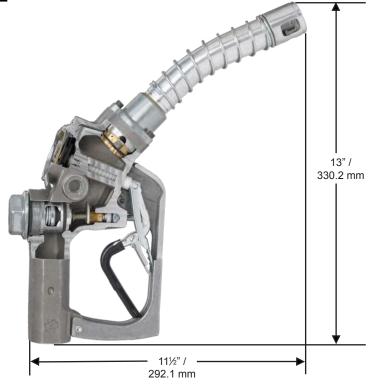
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly Kit with Bushing
005017	Complete Spout Assembly Kit without Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring

#### **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.

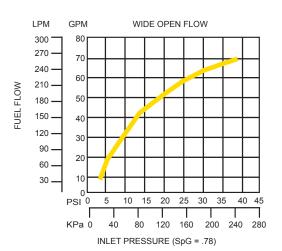
#### **New Nozzles**

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**

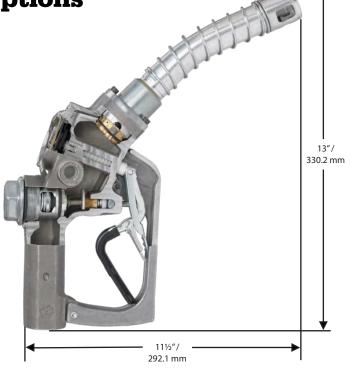
MODEL NO.	DESCRIPTION
002279	Complete Spout Assembly Kit with Bushing
005017	Complete Spout Assembly Kit without Bushing
003589	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Bushing and Small Spout Spring

#### **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





## VIII Rebuilt Nozzles



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

 VIII nozzle shuts off when the gas tank is full.

· Spout is reinforced with thick aluminum bushing that retains spout spring and keeps spout from rounding-in: the two leading causes of clicking · Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

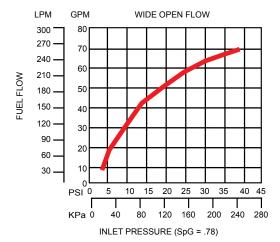
## **Rebuilt Heavy Duty Diesel Nozzles with**

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
749910N^	with Three Notch Hold Open Clip and Spout Bushing	, Waffle Splash Guard 4.5 (2.0)
		^ NOT LISTED

#### Construction

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













# VIII Rebuilt 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**

#### 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**

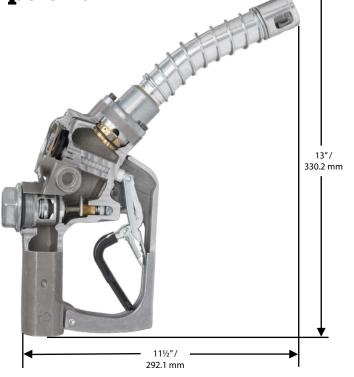
MODEL NO.	DESCRIPTION	
002279	Complete Spout Assembly with Spout Bushing	
005017	Complete Spout Assembly without Spout Bushing	
003589	Complete Long Spout Assembly with Spout Bushing	
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring	

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





## **VIIIS Rebuilt Nozzles**



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

- VIIIS nozzle shuts off when: Nozzle is equipped with a
- the pump shuts off.
- the gas tank is full.
- the lever is opened before the pump is turned on.

· Spout is reinforced with

- the leak detector has not completed the test cycle.
- unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal,

## **Rebuilt Heavy Duty Diesel Nozzles with NPT**

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
750210	with Three Notch Hold Open Clip	, 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
Inlet	1" / 25.4 mm NPT













# VIIIS Rebuilt Nozzles

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

**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**

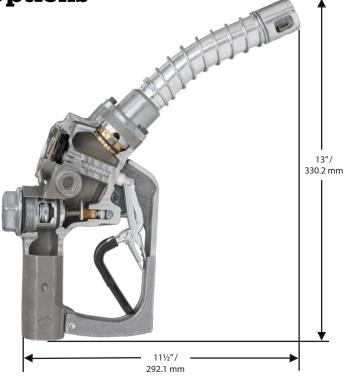
MODEL NO.	DESCRIPTION	
002279	Complete Spout Assembly with Spout Bushing	
005017	Complete Spout Assembly without Spout Bushing	
003589	Complete Long Spout Assembly with Spout Bushing	
011043	Complete Spout Assembly without Spout Bushing and Small Spout Spring	

#### **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





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

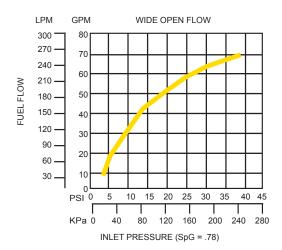


#### **New Nozzles**

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
749338N^	with Three Notch Hold Open Clip and Spout Bushing	, Waffle Splash Guard 4.5 (2.0)
1108738N^	with Three Notch Hold Open Clip and Spout Bushing, Nickel Plated	

#### Construction

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











## 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

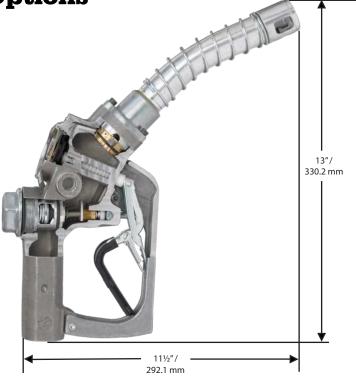
MODEL NO. DESCRIPTION		
002279	Complete Spout Assembly Kit with Bushing	
005017	Complete Spout Assembly Kit without Bushing	
003589	Complete Long Spout Assembly with Spout Bushing	
011043	Complete Spout Assembly without Bushing and Small Spout Spring	

#### **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.

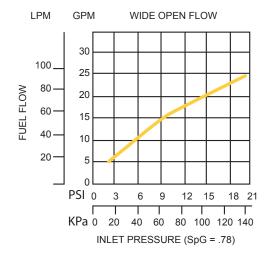
### **New Diesel Nozzles with NPT**

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 a Guard	and Waffle Splash 3.4 (1.5)
1437710N^	with Two Notch Hold Open Clip, Ex 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	NODEL 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**

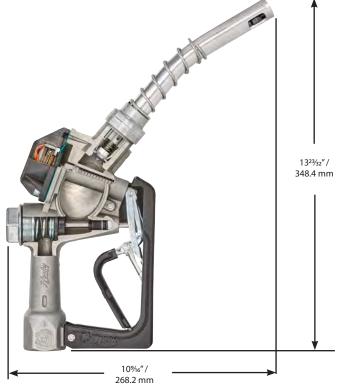
MODEL NO	). DESCRIPTION
005215	Heavy Duty Diesel Spout with Flo-Stop®

#### **Pressure/Vacuum Vents**

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

#### **Accessories, Testing and Maintenance**

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



#### Guards

Guaras	
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.

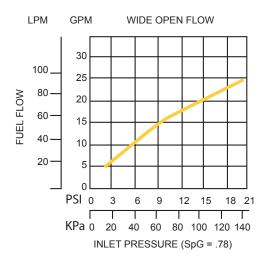
#### **New Diesel Nozzles with NPT**

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**

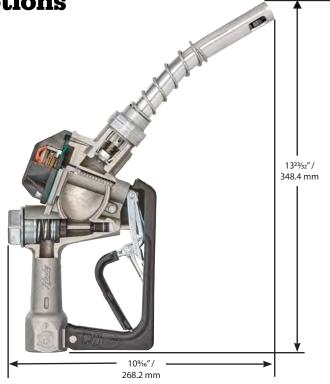
MODEL NO. DESCRIPTION		
005215	Heavy Duty Diesel Spout with Flo-Stop®	

#### **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.

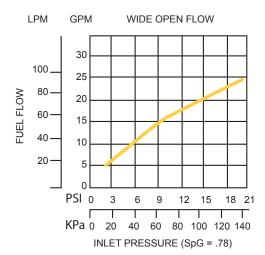
### **New Diesel Nozzles with NPT**

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**

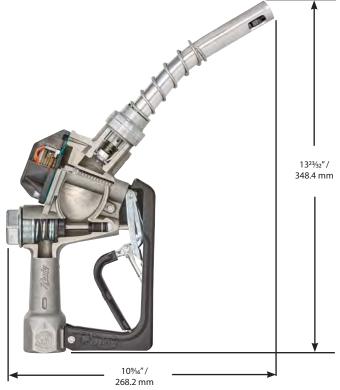
MODEL NO. DESCRIPTION		
005215	Heavy Duty Diesel Spout with Flo-Stop®	

#### **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	duarus	
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.

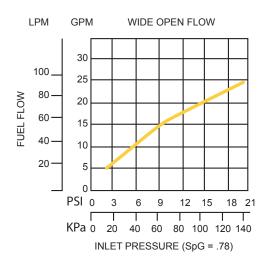
### **New Diesel Nozzles with NPT**

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**

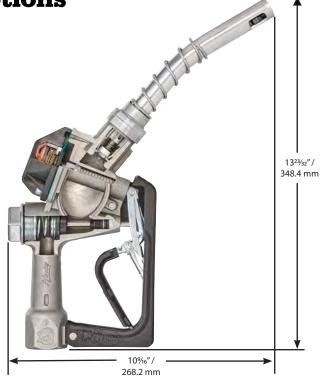
MODEL NO. DESCRIPTION		
005215	Heavy Duty Diesel Spout with Flo-Stop®	

#### **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.

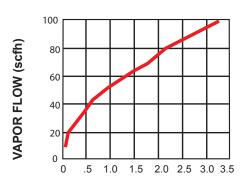
- Nozzle is equipped with a double poppet for precise, slow-flow, to-the-penny dispensing.
- Husky® vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.
- Uses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

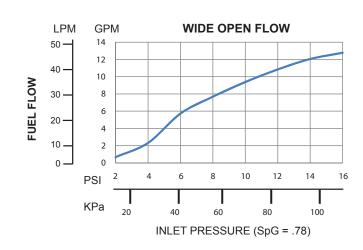
MODEL NO.	DESCRIPTION SHIP	PING WEIGHT LBS (KG)
7345021N^	with High Flow Double Poppet and Two Hold Open Clip, without Attitude Device	
7345041N^	with High Flow Double Poppet and Two Hold Open Clip	Notch 4.0 (1.8)
7345041A*	with High Flow Double Poppet and Two Hold Open Clip - Atex	Notch 4.0 (1.8)
11560021N^	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**

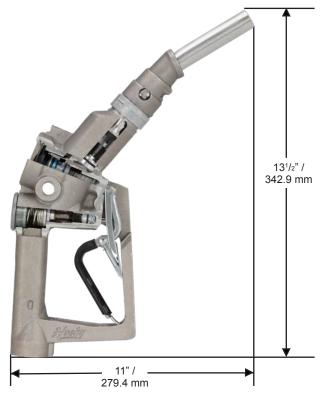
MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

#### **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.

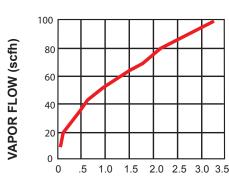
- Nozzle is equipped with a double poppet for precise, slow-flow, to-the-penny dispensing.
- Husky® vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.
- Uses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

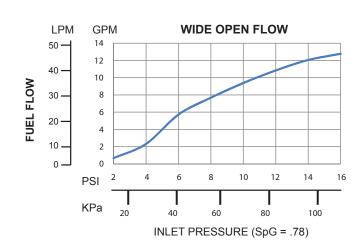
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
E12111170N^	with High Flow Double Poppet and Two Notch Hold Open Clip 4.0 (1.8	
		^ NOT LISTED

#### 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**

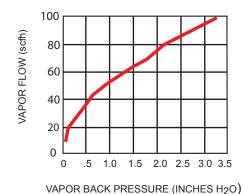
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	LBS (KG)
6250041	with Three Notch Hold Open Clip		4.0 (1.8)
6250041A*	with Three Notch Hold Open Clip	- Atex	4.0 (1.8)
6250241	with Three Notch Hold Open Clip	and Sightglass	4.0 (1.8)
6250941	with Three Notch Hold Open Clip	and POPD® Full Grip	
	Guard	·	4.0 (1.8)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

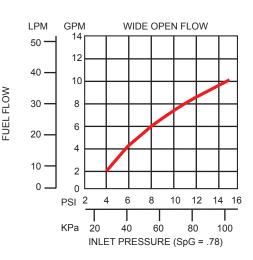
#### **Rebuilt Unleaded Nozzles**

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**

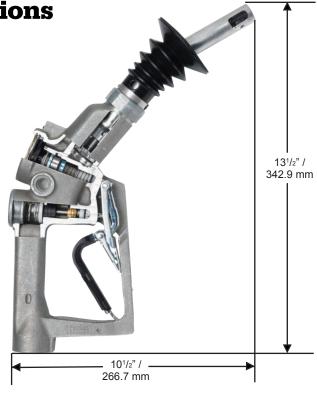
MODEL NO.	DESCRIPTION
006291	Complete Spout Assembly Kit - Unleaded
006391	Unleaded Spout

#### **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.

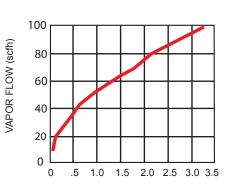
#### **New Unleaded Nozzles**

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

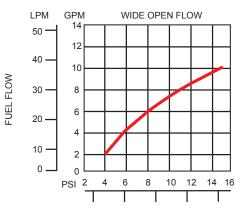
#### Construction

Do ali	One piece die eest alverieurs	
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**

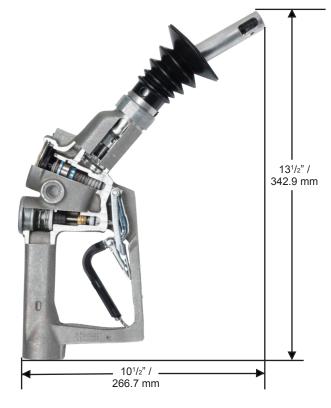
MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

#### **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**

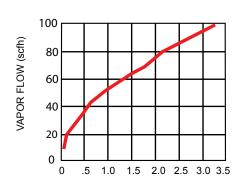
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT	LBS (KG)
6252041	with Double Poppet and Two No	tch Hold Open Clip	4.0 (1.8)

#### **Rebuilt Unleaded Nozzles**

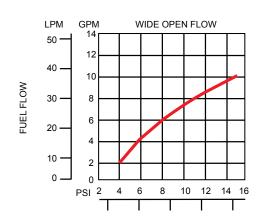
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
6254041	with Three Notch Hold Open Clip	3.7 (1.6)
6254241	with Three Notch Hold Open Clip	and Sightglass 3.7 (1.6)
6254081	without Hold Open Clip	3.7 (1.6)

#### 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**

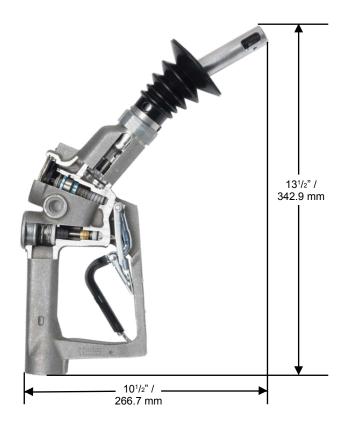
MODEL NO.	DESCRIPTION
006291	Complete Spout Assembly Kit - Unleaded
006391	Unleaded Spout

#### **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.

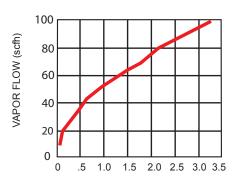
- StreamShaper® reduces turbulence for straighter flow and less splash back spillage.
- Uses conventional spout with spout ring and soft vapor escape guard.
- · Husky® vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions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

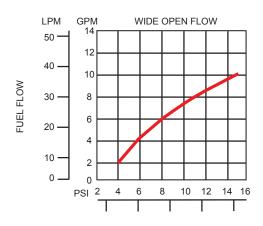
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
6536041	with Three Notch Hold Open Clip	4.0 (1.8)

#### 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**

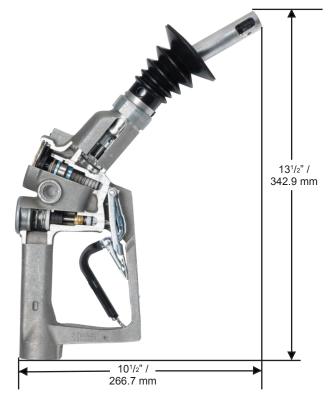
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

### **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.

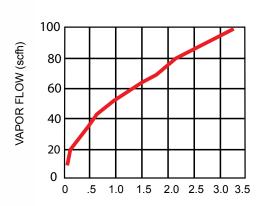
- V34i Nozzle shuts off when the gas tank is full.
- · Strong vapor valve in the nozzle that is mechanically operated by the on-off action of the nozzle's lever.
- · Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.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



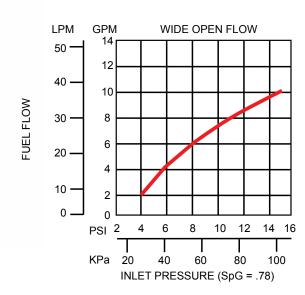
MODEL NO.	DESCRIPTION	SHIPPING WE	IGHT LBS (KG)
6670041A*	with Two Notch Hold Open Clip	- Atex	4.0 (1.8)

#### 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**

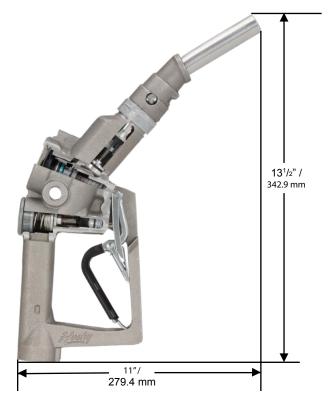
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

#### **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.

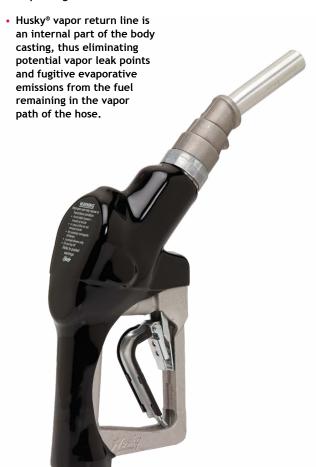
- Uses conventional spout without spout ring and aluminum vapor escape guard.
- Vapor assist is achieved at the body end of the spout where a vapor ring captures emissions,
- Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the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

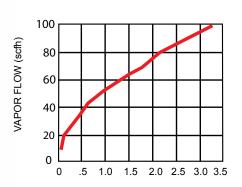
#### **New Unleaded Nozzles**

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)

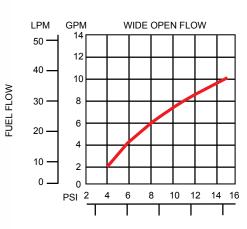
#### Construction

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**

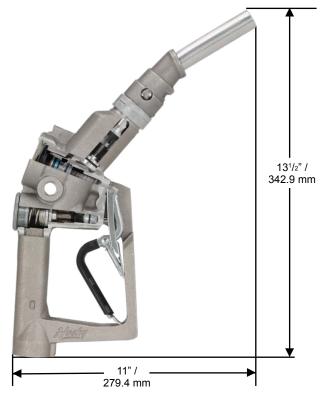
MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

#### **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

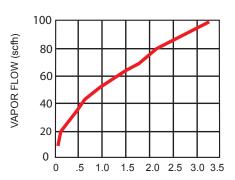
· Nozzle is equipped with a unique Flo-Stop® device that shuts off the nozzle if it falls from the fill tank or raises above the horizontal.

### **New Unleaded Nozzles**

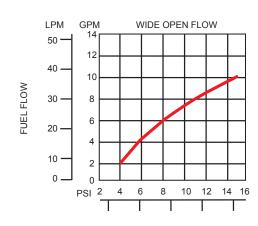
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
8686021N^	with Double Poppet, Cold Hold Open Clip	Weather Seals and Two Notch 4.0 (1.8)
8686041N^	with Double Poppet, Cold Weather Seals, Flo-Stop® and Two Notch Hold Open Clip 4.0 (1.	
		^ NOT LISTED

#### Construction

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



VAPOR BACK PRESSURE (INCHES H2O)









# V34i DP & CW Nozzles

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**

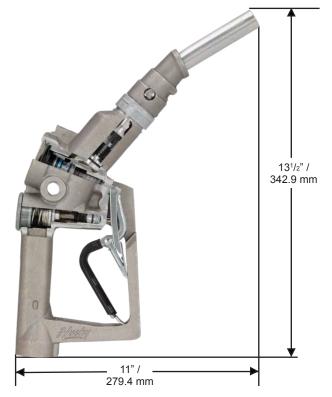
MODEL NO.	DESCRIPTION	
004620	2" Slip-On Pressure Vacuum Vent	
004885	2" Thread-On Pressure Vacuum Vent - NPT	
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT	

#### **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.

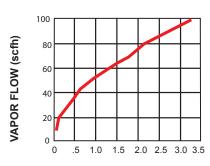
- Uses conventional spout without spout ring and aluminum vapor escape guard.
- Vapor assist is achieved at the body end of the spout where a vapor ring captures emissions.
- Nozzle spout is covered by a one year warranty.

### **New Unleaded Nozzles**

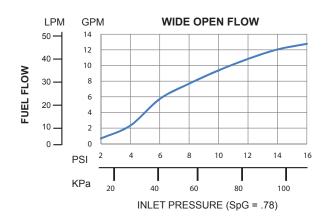
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
7320041N^	with High Flow Double Popp Hold Open Clip	et and Two Notch 4.0 (1.8)
7320081N^	with High Flow Double Popp Open Clip	et, without Hold 4.0 (1.8)
		^ NOT LISTED

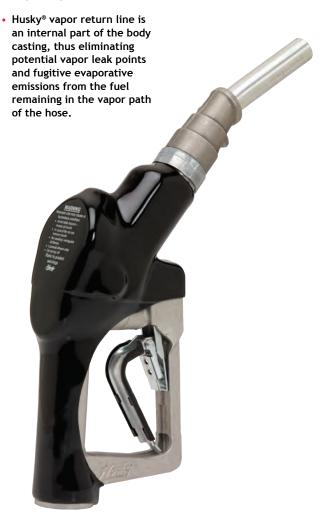
#### Construction

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 H<sub>2</sub>O)











# 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**

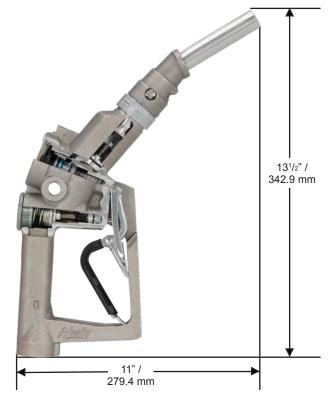
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

#### **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.

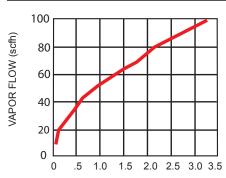
- Uses conventional spout with spout ring and soft vapor escape guard.
- Husky® vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.
- Vapor assist achieved at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

#### **New Unleaded Nozzles**

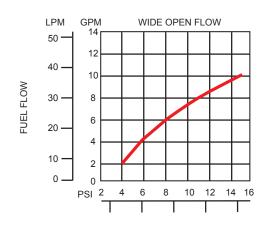
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
6675041	with Two Notch Hold Open Clip	4.0 (1.8)
6675041A*	with Two Notch Hold Open Clip -	Atex 4.0 (1.8)

#### Construction

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)

















# 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**

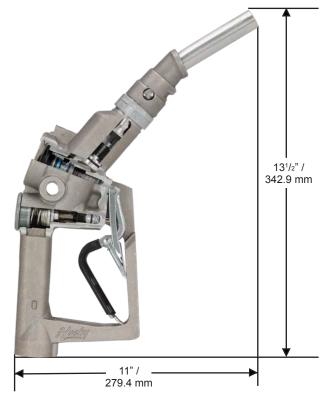
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

#### **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.

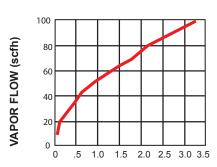
- Nozzle is equipped with a double poppet for precise, slow-flow, to-the-penny dispensing.
- Husky® vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points and fugitive evaporative emissions from the fuel remaining in the vapor path of the hose.
- Uses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

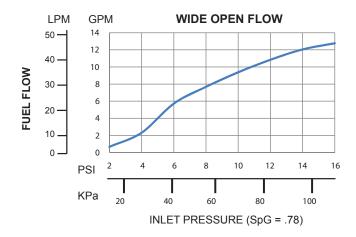
MODEL NO.	DESCRIPTION	CHIRDING WEIGHT LBC (VC)
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
7345041N^	1N^ with High Flow Double Poppet and Two Notch	
	Hold Open Clip	4.0 (1.8)
7345041A*	with High Flow Double Poppet	and Two Notch
	Hold Open Clip - Atex	4.0 (1.8)
		^ NOT LISTED

#### 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)









II 1 G \* EN 13012 TYPE 1







# 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**

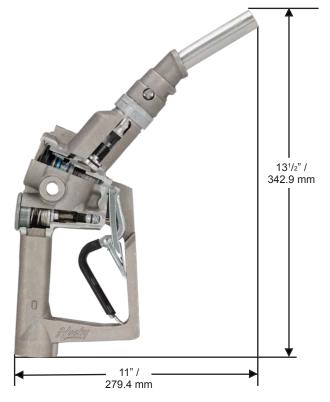
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

#### **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.

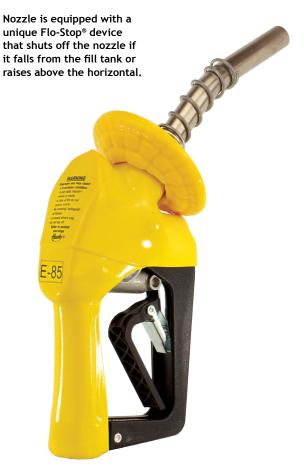
- Husky® X nozzle shuts off when the gas tank is full.
- Nozzle comes with smooth full grip guard.
- All seals are UL approved fluorocarbon compounds to prevent deterioration from Ethanol blends.
- New poppet seal design in conjunction with new tilt poppet design improves flow control ("to-thepenny" dispensing) and provides enhanced endurance over time.

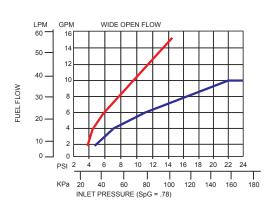
### **New Unleaded Nozzles**

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	
	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	













## 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**

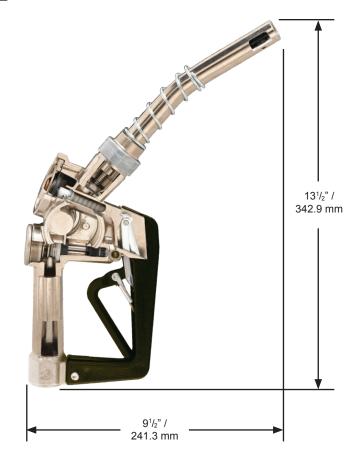
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

### **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

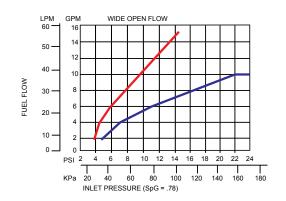
Body	Die cast aluminum with Electroless Nickel Plating
Seals	Fluorocarbon
Handguard	Polymer
Packing	Double O-ring seal protected by fiber reinforced Teflon®
Lever	Polymer
Inlet	¾" / 19 mm NPT













## 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**

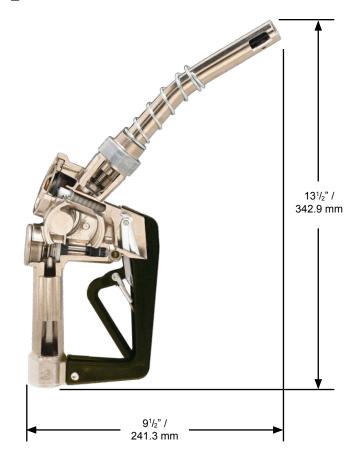
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

### **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.

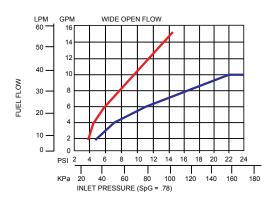
## **New Unleaded Nozzles**

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<sup>®</sup> 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**

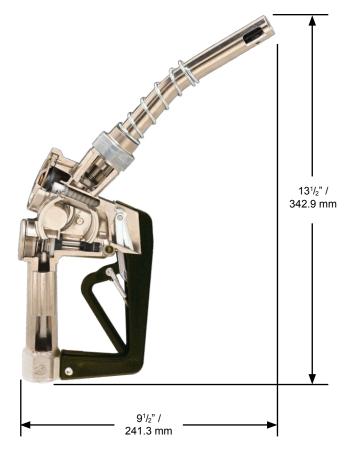
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

## **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.

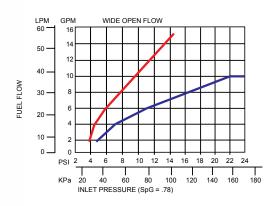
## **New Unleaded Nozzle**

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











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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®
	A NOT LISTED

## **Spouts**

MODEL NO.	DESCRIPTION
011100	Unleaded E25 Spout Assembly

## **Pressure/Vacuum Vents**

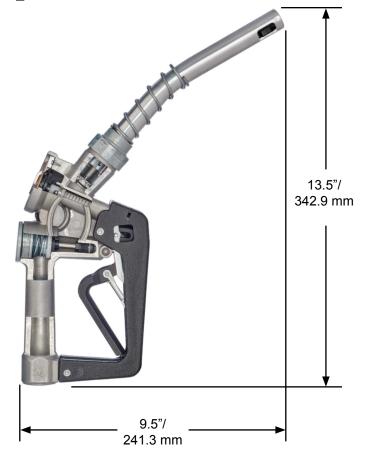
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

## **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.

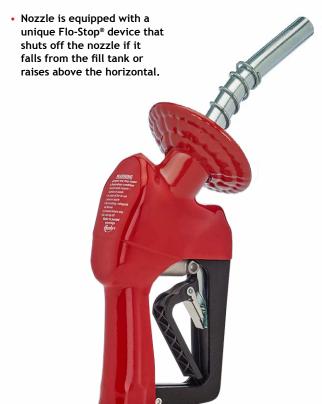
- Nozzle comes with smooth full grip guard.
- All seals are UL approved fluorocarbon compounds to prevent deterioration from Ethanol blends,
- New poppet seal design in conjunction with new tilt poppet design improves flow control ("to-the-penny" dispensing) and provides enhanced endurance over time.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

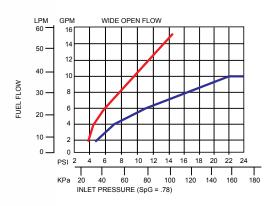
## **New Unleaded Nozzle**

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1108459	with Three Notch Hold Open Clip and Waffle Splash Guard 3.0	
		^ 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











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## 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**

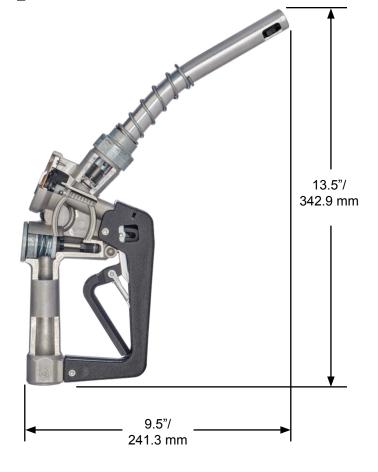
MODEL NO.	DESCRIPTION
004620	2" Slip-On Pressure Vacuum Vent
004885	2" Thread-On Pressure Vacuum Vent - NPT
005885	2" Thread-On Pressure Vacuum Vent with Internal Screen - NPT

## **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









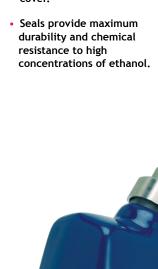
# Whiskey Nozzles

## 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.



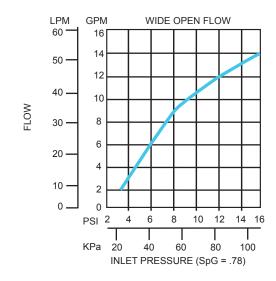
- · Stainless Steel construction.
- Constructed with food grade materials.

## **New WN Nozzles**

MODEL NO.	DESCRIPTION	SHIPPING WEI	GHT LBS (KG)
E8528104N^	Stainless steel, 1" Inlet BSPP, 3/4' nozzle guard and two notch hold		3.0 (1.3)
			^ NOT LISTED

## Construction

Disc Ethylene Propylene Packing Double o-ring seal protected by fiber reinforced Te Lever One piece contoured steel with hard plastic cover	
Lever One piece contoured steel with hard plastic cover	flon®
One piece contoured steet with hard plastic cover	
Inlet 1" / 25.4 mm BSPP	







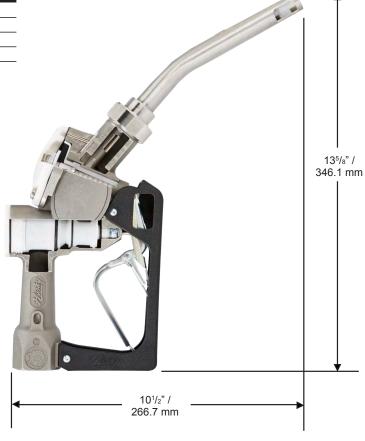
# WN Nozzles

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







## 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	ON SHIPPING WEIGHT LBS (KG)	
E840004N^	Nickel-Plated, with ¾" NPT Inlet, <sup>13</sup> /16" O.D. Spout, Mate Nozzle Guard, and Three Notch Hold Open Clip;		
	without Flo-Stop®	2.8 (1.2)	
		^ NOT LISTED	

### **New XWN Nozzles with BSP**

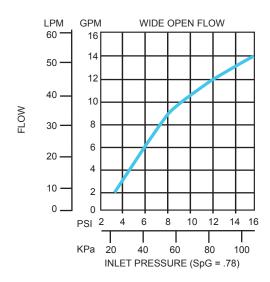
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)	
E840016N^	Mate Nozzle Guard, and Three N	with ¾" BSP Inlet, 13/16" O.D. Spout, uard, and Three Notch Hold Open Clip;	
	without Flo-Stop®	2.8 (1.2)	

^ 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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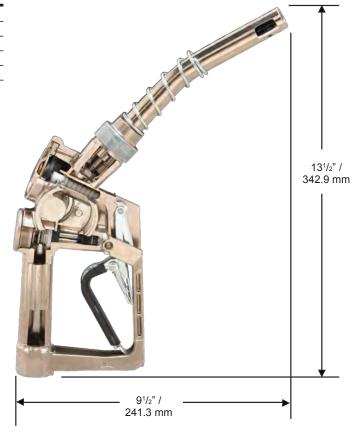
# XWN Nozzles

Automatic shut-off nozzle for distilled spirits dispensing.

## **Dimensions and System Options**

## Guards

MODEL NO.	DESCRIPTION
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**

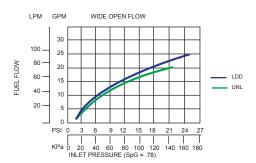
MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG
E874215N^ Nickel-Plated, with 1" BSP inlet, 15/16" O.D. Spout, Mate		
	Guard and Three Notch Hold Open Clip; wi	thout Flo-Stop® 3.3 (1.4

^ 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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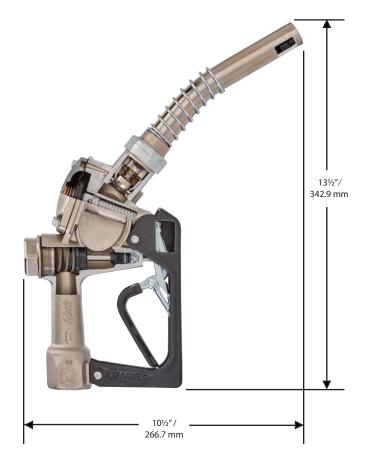
## 1AWN Nozzles

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

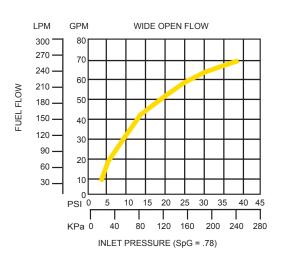
## **New VIII WN Nozzles with BSP**

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	







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

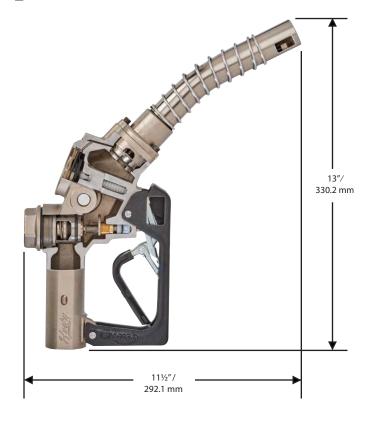


High-Flow automatic nozzle for distilled spirits dispensing.

## **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**

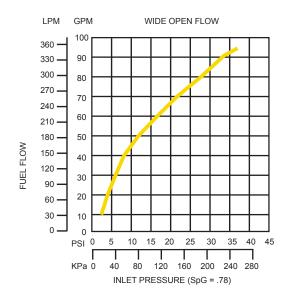
MODEL	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
875038N^	Nickel-Plated, with 1 1/2" BSP inlet, 1 3/8"	•
	Two position Hold latch	4.6 (2.0)

^ 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







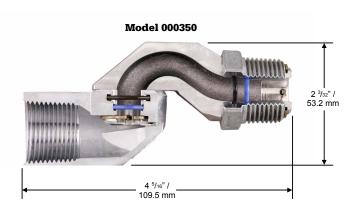




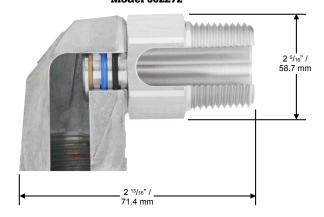
## **Standard Swivels**

For standard fueling applications.

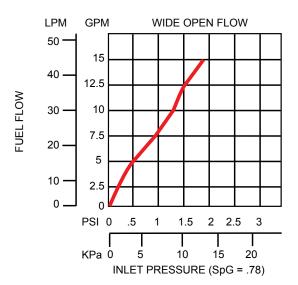
## **Dimensions**



## 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





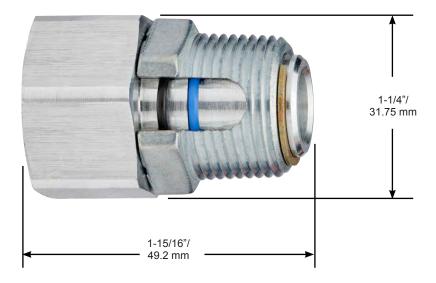




# Inline Swivels

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







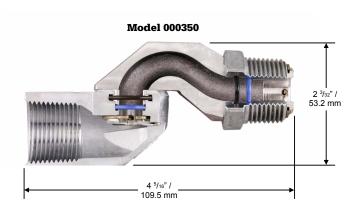




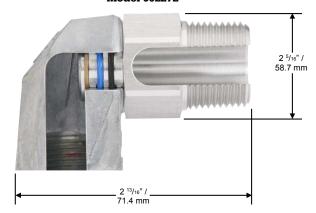
## F&C Standard Swivels

For standard farming applications.

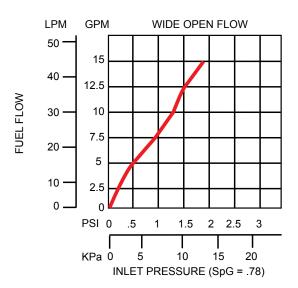
## **Dimensions**



### 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









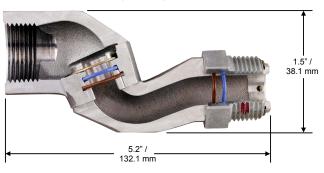


## F&C High Volume Swivels

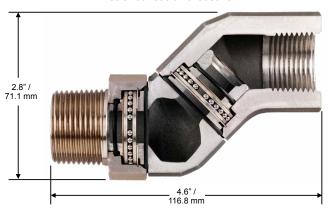
For truck and high volume fueling.

## **Dimensions**

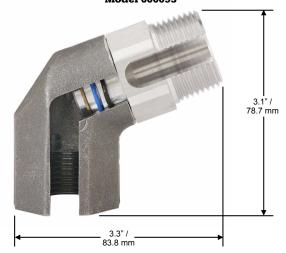
Model 000087, 003306, and 003395



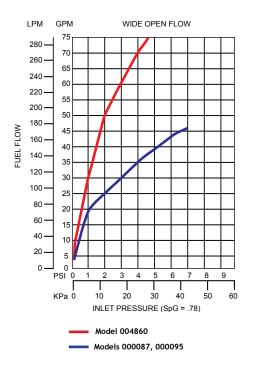
Model 004860 and 006949



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)











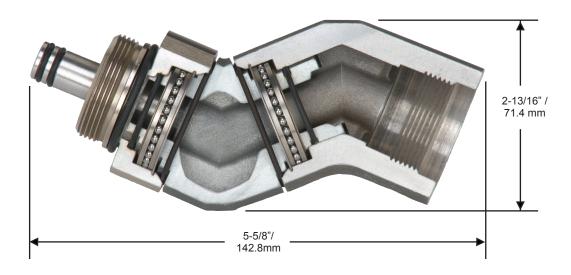
WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



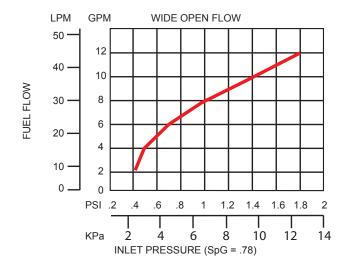
## **VR Swivels**

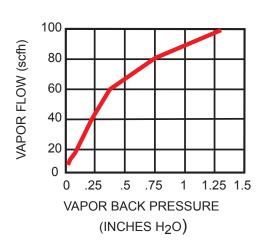
Vapor Recovery Swivel is compatible with most vacuum assist vapor recovery systems.

## **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









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

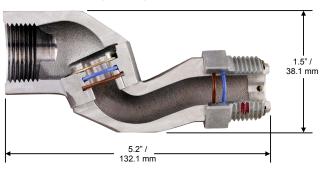


## **High Volume Swivels**

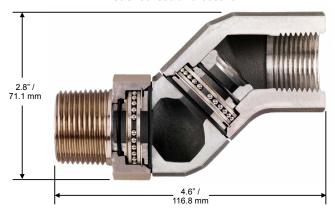
For truck and high volume fueling.

## **Dimensions**

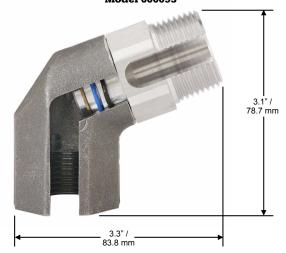
Model 000087, 003306, 003395 and 007254



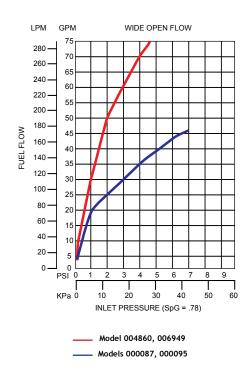
Model 004860 and 006949



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







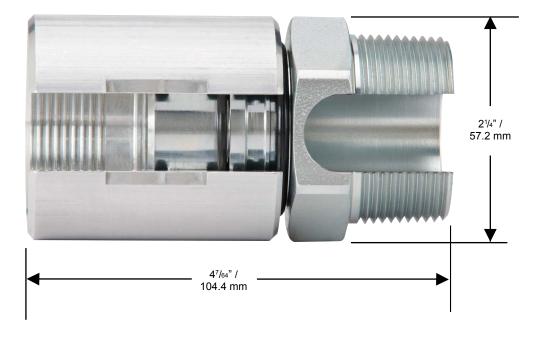


## Ultra High Flow Swivels

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









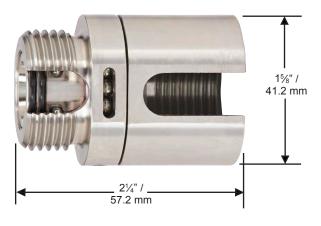
**Diesel Exhaust Fluid Inline Swivels.** 

## **Dimensions**

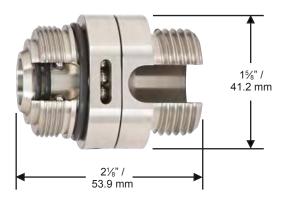




### Model 007467/008510/008822



### 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	3/4" M x 3/4"	NPTF	Multi-Plane Swivel	.44/.19







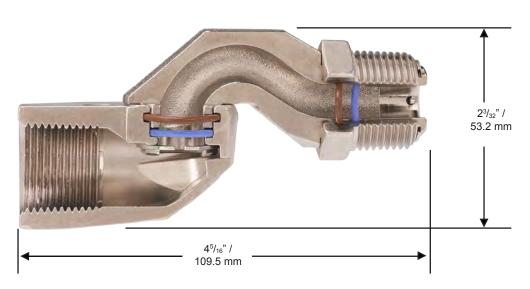


## E85 Swivel

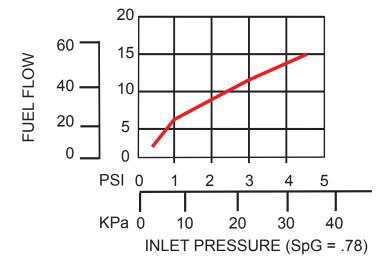
Husky Model 6350 Multi-Plane Swivel.

## **Dimensions**

**Model 6350** 



## **Flow Charts**









# Safe-T-Breaks®

# Standard STB



#### All Husky<sup>®</sup> Safe-T-Breaks<sup>®</sup> 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-Break® 0.78 (0.35)	
006130**	$3$ " F x $3$ " F PCC Non-Reconnectable Safe-T-Break $^{\circ}$ with scuff guard 0.52 (0.23)	
015130**	$4$ " F x $\frac{1}{4}$ " F LH PCC Non-Reconnectable afe-T-Break® with scuff guard 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

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

<sup>\*\*</sup>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





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



# Magbreak<sup>®</sup> 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



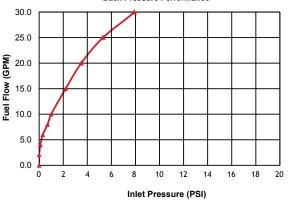
#### G2 Magbreak®

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**®

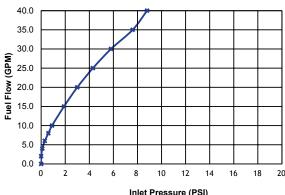
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
008331	Magbreak ® 1" F NPT CK(separates at less than 225 pounds pull force) 1.09 (.	
009911	G2 Magbreak ® 1" F BSP(separates at less than 200 pounds pull force) 1.09 (.5	
010328	Magbreak ® 3/4" F NPT CK(separates at less than 225 pounds pull force) 1.2	

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



→ 3/4" G2 MAGBREAK®





→ 1" MAGBREAK®



# Magbreak<sup>®</sup> 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®





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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.

#### 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.

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**

**Reconnectable with NPT** 

MODEL NO.	DESCRIPTION	SHIPPING WEIG	HT LBS (KG)
002273	¾" F x ¾" F Non-Reconnectable Safe-T-Break® 0.78 (0.35)		0.78 (0.35)
006130**	3" F x $3$ " F PCC Non-Reconnectable Safe-T-Break® with scuff guard 0.52 (0.23)		
002273R	%" F x %" F Non-Reconnectable Safe-T-Break® For Retail 0.52 (0.23)		0.52 (0.23)

#### **Reconnectable with BSPP**

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

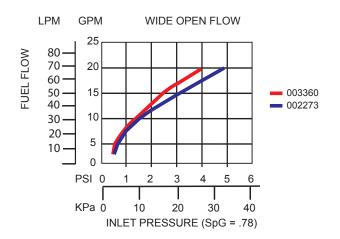
#### **Non-reconnectable with BSPP**

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

#### Construction

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



















# F&C Standard STB

All Husky<sup>®</sup> Safe-T-Breaks<sup>®</sup> 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**

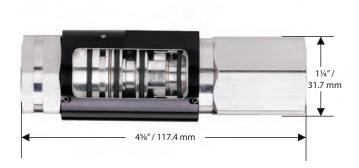
COLOR	SUFFIX	COLOR	SUFFIX
■ Blue	-01	☐ White	-06
Red	-02	■ Gold	-08
Green	-03	Silver	-09
■ Black	-04	■ BP Green	-16
Yellow	-05	Pink	-20

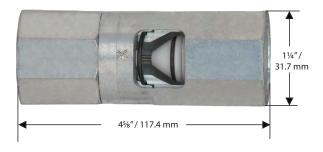
<sup>\*\*</sup>Safe-T-Breaks® and Safe-T-Break® Scuff Guards are to be ordered with the corresponding guard color option added to the model number.

**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)
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 (.		.69 (.31)

#### Reconnectable with BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIG	HT LBS (KG)
003076	1" F x 1" F Reconnectable Safe-T-Break® .7!		.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

200 180

160 140 120

> 80 20

60 40-20

FUEL FLOW 100 GPM

45

30

25

PSI

KPa 0

Reconnect	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

30 40

INLET PRESSURE (SpG = .78)

002276

005812

#### Model 002276



#### Model 005812













# F&C High Volume STB

All Husky<sup>®</sup> Safe-T-Breaks<sup>®</sup> 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

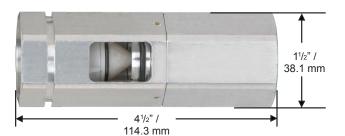
#### **Color Chart**

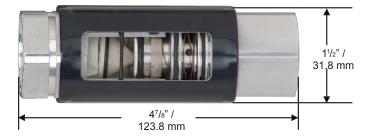
COLOR SUFFIX	SUFFIX	COLOR	
■ Blue	-01	☐ White	-06
Red	-02	■ Gold	-08
■ Green	-03	Silver	-09
■ Black	-04	■ BP Green	-16
Yellow	-05	Pink	-20

<sup>\*\*</sup>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**

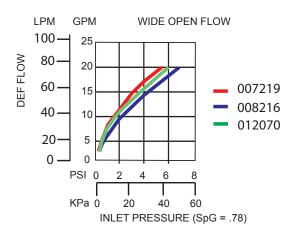
- Reconnectable Safe-T-Break.®
- Maximum separation of 200 lbf / 889.6 N.
- 100% DEF compatible parts.
- Instant-closing, dual poppet check valve design.
- · Comes standard with guard.
- DEF compatible thread sealant required for 3/4" NPT threads.

#### 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**

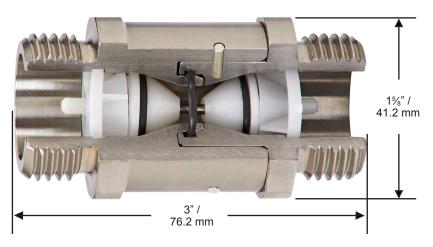
#### **Guards**

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

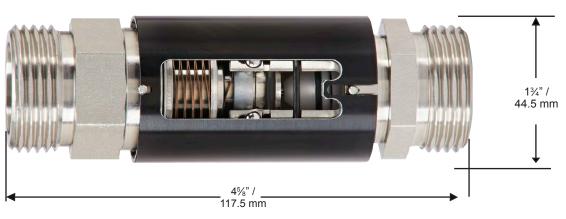


# 4½" / 117.4 mm

Model 012070/012659

31.7<sup>±</sup>mm

Model 008216





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# 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)
006301	1" F x 1" F PCC Non-Reconnect	table Safe-T-Break®	.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-Reconnectable Safe-T-Breaks®		
Body	Aluminum	



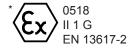
Model 002276

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<sup>®</sup> Safe-T-Breaks<sup>®</sup> 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

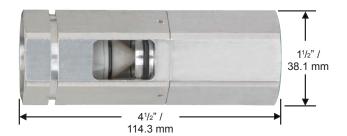
#### **Color Chart**

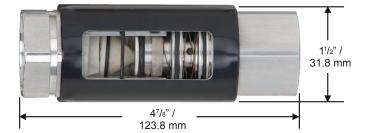
COLOR SUFFIX	SUFFIX	COLOR	
■ Blue	-01	☐ White	-06
Red	-02	■ Gold	-08
Green	-03	Silver	-09
■ Black	-04	■ BP Green	-16
Yellow	-05	Pink	-20

<sup>\*\*</sup>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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# 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

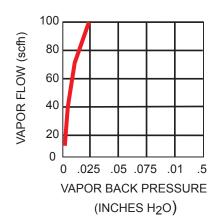
Body	Aluminum
Seals	Fluorocarbon
Springs	Stainless Steel
Threads	1 <sup>7</sup> / <sub>8</sub> " x 12
	Stainless steel load and latch spring reverse mechanism Hardened stainless steel latch ring and balls



Model 3600VR



Model 005900

















# Balance Vapor STB

All Husky<sup>®</sup> Safe-T-Breaks<sup>®</sup> 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

<sup>\*\*</sup>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<sup>®</sup> Safe-T-Breaks<sup>®</sup> 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

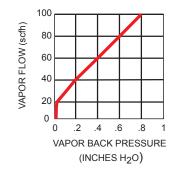
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
004034	Reconnectable Safe-T-Break®	1.0 (.45)
004034A*	Reconnectable Safe-T-Break® - A	Atex 1.0 (.45)
006560	Reconnectable Safe-T-Break® fo	or 1-1/4" THREADS 1.0 (.45)

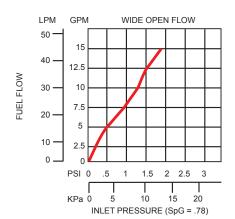
#### Non-reconnectable

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



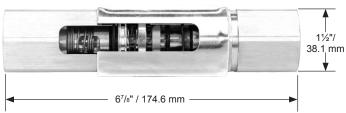
#### Model 005134



#### Model 006560



#### Model 015377





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# 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®

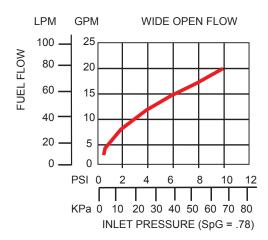
MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
006273	¾" F x ¾" F Standard Non	-Reconnectable
	Safe-T-Break®	.30 (.13)

#### 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.

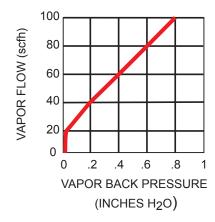
- Stops flow on both sides of break.
- Reconnectable Safe-T-Break® for the vapor assist systems: coaxial hoses with fuel "outside" hose, vapor return "inside" hose.
- Unique vapor valve stops vapors from escaping after a drive away.
- Separates at less than 225 lbs / 1000.9 N to minimize backlash damage.

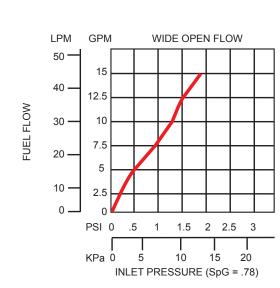
#### Vac Assist MAGBREAK®

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®











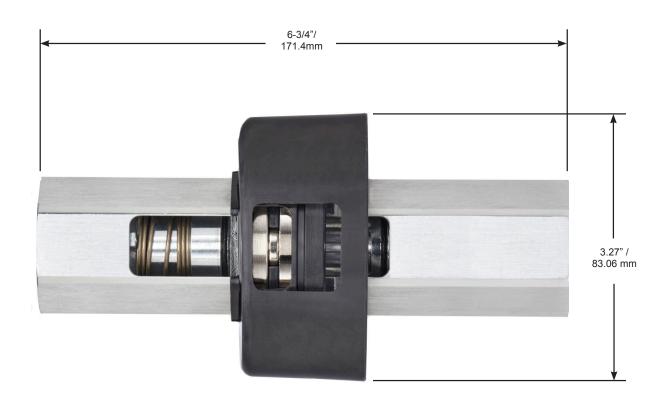
## VAC ASSIST MAGBREAK®

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.

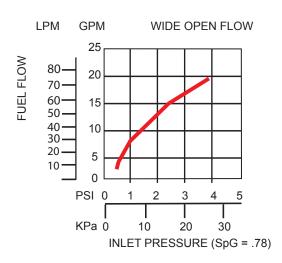
#### E25 Safe-T-Breaks®

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**

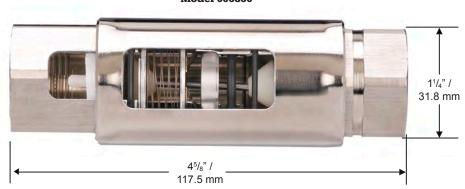
#### **Guards**

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





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# 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.

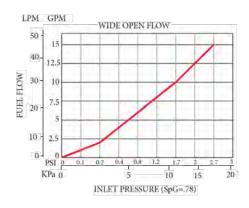
#### **New Inline SAFE-T-BREAK®**

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

#### Construction

Body	Aluminum	_
Seals	Fluorocarbon	
Threads	M34 x 1.5	











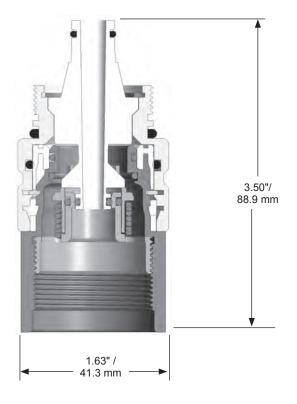


# **Inline STB**

**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.

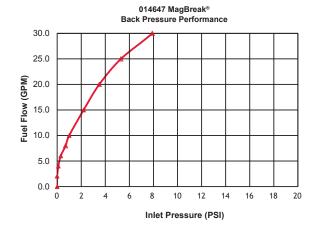
- High impact resistant polymer housing.
- Compatible with unleaded, diesel, and all Ethanols blends through E85
- Features same separation mechanism as Model 008330
- Lighter than competing magnetic breakaways.
- Two straight screwdrivers used to separate.
- For easier install and maintenance on other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











# E25/E85 MAGBREAK®

All Husky<sup>®</sup> Safe-T-Breaks<sup>®</sup> 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)	

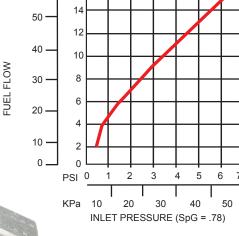
#### Construction

LPM 60

GPM

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

WIDE OPEN FLOW















# **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®

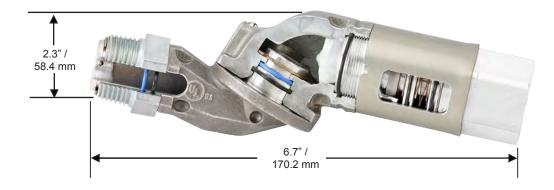
#### **Color Chart**

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

<sup>\*\*</sup>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 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











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

<sup>\*\*</sup>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

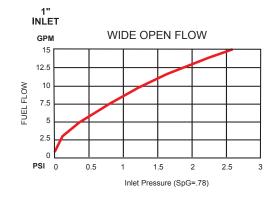
Body: Anodized aluminum /Alodined Aluminum

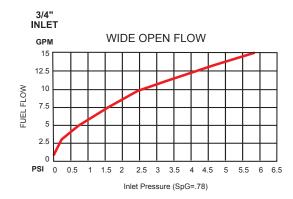
Seals: Fluorocarbon

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















# **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

<sup>\*\*</sup>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)



#### 1

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

#### **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

<sup>\*</sup>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.





# **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<sup>®</sup>.
- · 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 (.18)
003358	XFS Spout Assembly with Hanging	Hook .6 (.27)
014378	X, XS®, 1A, 1GS Spout Assembly wi with Streamshaper®	ithout Spout Spring, .4 (.18)
014421	X, XS®, 1A, 1GS Spout Assembly wi Spout Ring	ith Streamshaper® and .4 (.18)

## High Flow/High Volume Spout Assemblies

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
005215	1HS, 1GS Spout Assembly	.4 (.18)





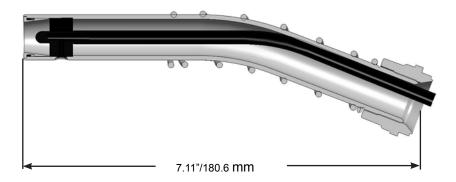


# 1GS Spouts

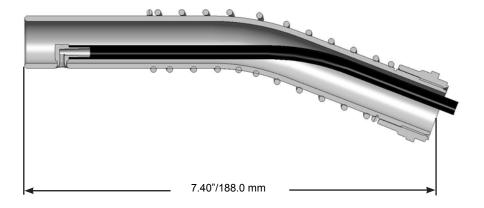
Spout assemblies.

### **Dimensions**

### **Unlead Spouts**



**Light Duty Diesel Spout** 



**High Flow/High Volume Spout** 









### 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 Ac	cufuel® 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 Ad	ccufuel® 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)





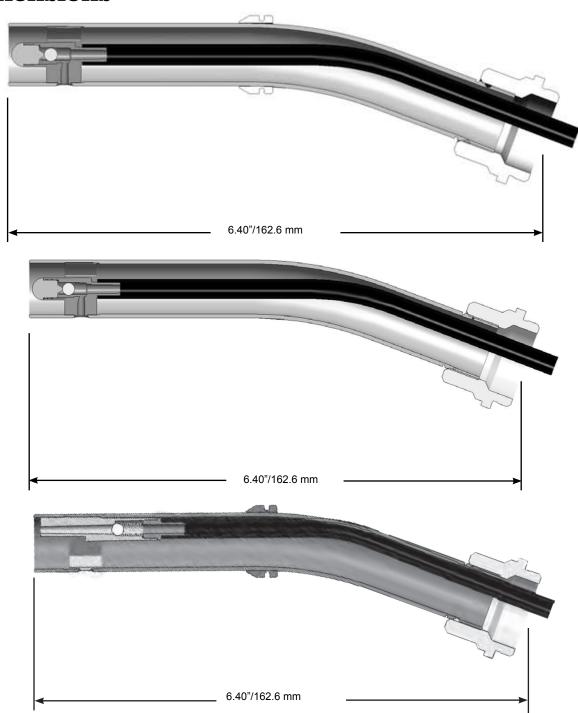




# DEF Spouts

**Spout Assemblies.** 

### **Dimensions**







# 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)





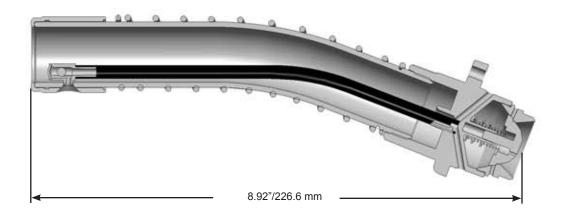


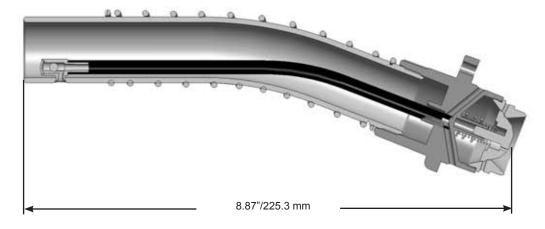
# VIII, VIIIS Spouts

Spout assemblies.

### **Dimensions**

### **High Flow/High Volume Spouts**











# 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)



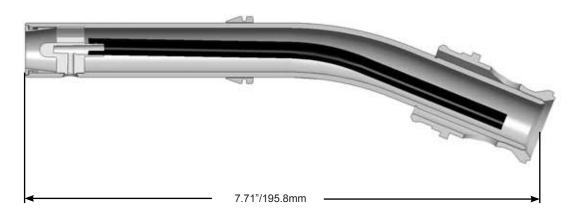


# V3 & V34 Spouts

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)	





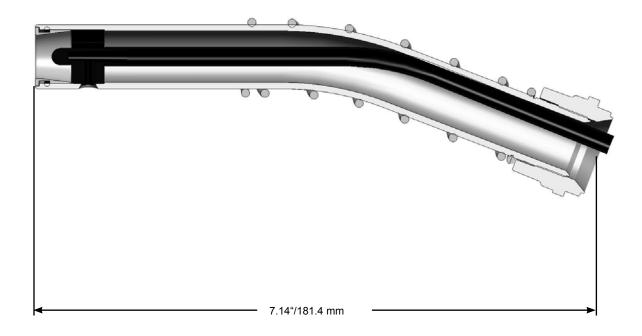
SPOUT ASSEMBLIES



# 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.	









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# 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).

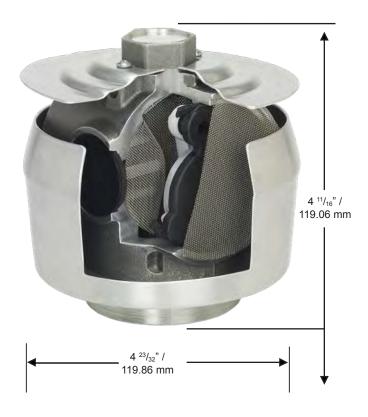
### **Dimensions and System Options**

### **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

<sup>\*</sup>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





# 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

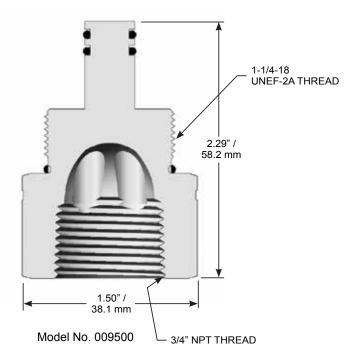


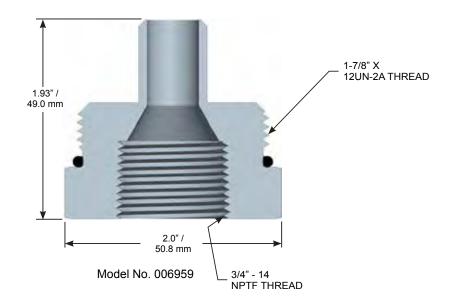
# **HCA Hose Conversion Adaptor**

### **Hose Conversion Adaptor**

### **Dimensions**











### 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**

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
COLOR	301117	COLOR	JUI 1 IX
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







# Flo-Equalizers<sup>TM</sup>

# 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®

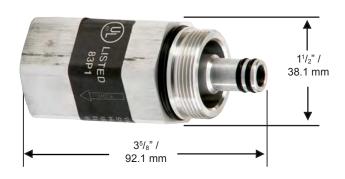
Husky Flo-Equalizers® limit fuel flow to a maximum 10 gpm / 37.9 Lpm to comply with Comprehensive Environmental Response, Compensation, and Liability Act.

### **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 Adapte	or .30 (.13)
008413	Hose Barb $\frac{3}{4}$ " 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	r .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

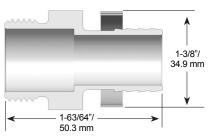
**Diesel Exhaust Fueling Adaptors.** 

### **Dimensions and System Options**

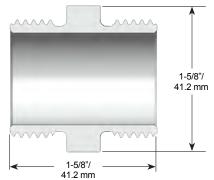
### **Accessories**

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

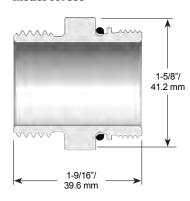
### Model 007214



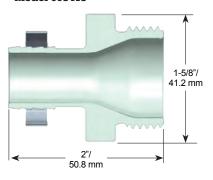
Model 007285



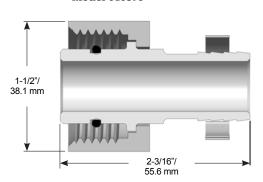
Model 007356



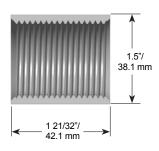
Model 008413



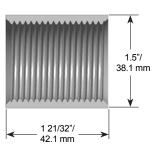
Model 010579



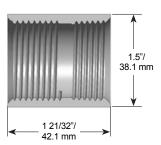
Model 010675



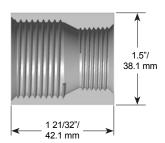
Model 010227



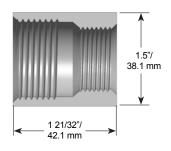
Model 010549



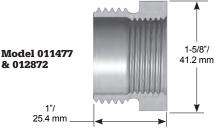
Model 010551



Model 010553











# 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	HT 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<sup>®</sup> Hardwall

**Premium Hardwall Gasoline Pump Hose.** 

### **System Options**

### **Available in these Sizes**

II	D	NON	N OD	MAX	( WP	WEI	GHT
Size	MM	IN	мм	PSI	MPA	LB/FT	KG/M
5/8"	16	1.03	26	150	1.03	0.39	0.58
3/4"	19	1.17	30	150	1.03	0.47	0.70
1"	25	1.45	37	150	1.03	0.64	0.95

### **Couplings**

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

Reattachable fixed (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	NOM 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**

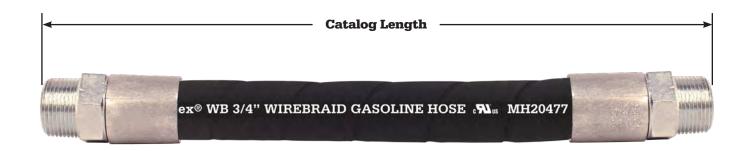
ID		NON	N OD	MAX	( WP	WEI	GHT
Size	мм	IN	MM	PSI	MPA	LB/FT	KG/M
5/8"	16	0.97	25	150	1.03	0.35	0.52
3/4"	19	1.10	28	150	1.03	0.42	0.63
1"	25	1.34	34	150	1.03	0.50	0.74

#### **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' Farn	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.

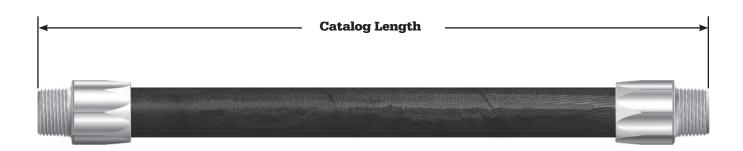
## **System Options**

#### **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 HOS	ES		
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



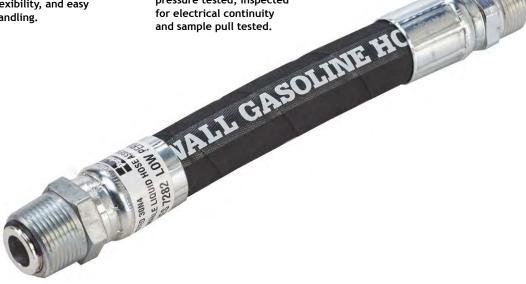
- · Recommended anywhere a hardwall hose is required.
- · Recommended for all gasoline and gasoline/ Ethanol blends at Ethanol levels designated as "gasohol" (E15 maximum or less), diesel fuel and diesel fuel/biodiesel blends with nominal biodiesel concentrations up to 20% (B0-B20), kerosene and fuel 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	3/4" LP HOSES					
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)
11/4" 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

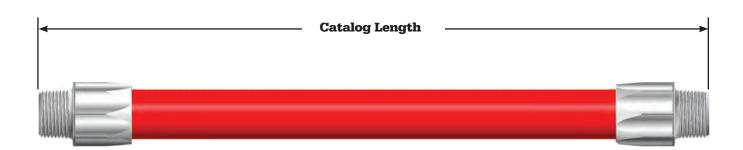
Fuel Oil Permanent Fitting fueling hose recommended for all home fuel oils, leaded and unleaded gasolines, and diesel and tractor fuels.

#### **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**

ID		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-dispen	sing needs.	
This sample chart, using	<sup>5</sup> /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	
<sup>5</sup> /8" x 9" Hardwall Whip Hose	CP10HW.75	CP10HW.75	CP10HW.75	
Safe-T-Break®	002273	003360	008330	
<sup>5</sup> /8" x 9' Hardwall Curb Hose	CP10HW09	CP10HW09	CP10HW09	
<sup>3</sup> / <sub>4</sub> " Multi-Plane Swivel	000350	000350	000350	
New XS <sup>®</sup> 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	
<sup>3</sup> /4" Multi-Plane Swivel	000350	000350	000350	
New XS <sup>®</sup> Pressure Activated Automatic Nozzle w/1808 Splash Guard	159559	159559	159559	
This sample chart, using <sup>3</sup> / <sub>4</sub>	" Softwall DEF Hoses, d	emonstrates the many o	ptions 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	7.75AN	
Safe-T-Break®		012070		
3/4" 9' Softwall DEF Hose		CP12DF09AN		
3/4" Roller Bearing Swivel		0126	604	
New X DEF Automatic Nozzle w/004809 Splas	sh Guard	11676	155N	
New Polymer DE	EF Nozzle w/ 3/4" NPT Conn			
		w/012070 Recor		
3/4" 9" Softwall DEF Whip Hose		CP12DF		
Safe-T-Break®		0120		
3/4" 9' Softwall DEF Hose	C. Grahamb, Granud	CP12DF09PB		
New Polymer DEF Automatic Nozzle w/00021	o Spiash Guard	87350	J4N	
Nevar V DEF No	ozzle w/ <sup>3</sup> /4" BSPP Connectio	ons/9' Softwall DEF Hose Kit	·e∧	
——————————————————————————————————————	DELIG W/ /4 DOI 1 COMMECULO	w/012659 Recor		
3/4" 9" Sofltwall 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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