

# XS E85 Nozzles



XS E85

CONVENTIONAL ETHANOL FUELING

## Pressure-activated, automatic shut-off nozzle for full-service and self-service 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.
- 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 neck or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Aluminum body, spout, and internal parts are nickel plated to prevent contamination and corrosion from E85 blends.
- New poppet seal conjunction with poppet design in flow control (“to penny” dispenser) provides enhanced endurance over time.
- Optional cold weather seals are rated to -40 °F/C.
- Optional Gilbarco, Tokheim, and Wayne handguards can be fitted with a magnet to trigger the dispenser’s proximity switch, or can be provided without the magnet for dispensers equipped with a standard “flapper” switch.
- All seals are UL approved fluorocarbon compounds to prevent degradation from Ethanol blends.
- Compatible with unleaded and all Ethanol blends through E-85.
- Comes standard with smooth full grip guard.
- ADA-compliant EZ Lever reduces the force required to open the main poppet valve by 50%, resulting in a lever operating force of 15 lbs.

## New Unleaded Nozzles with NPT Inlet

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
659504	with Two Notch Hold Open Clip	3.0 (1.4)
659559	with Two Notch Hold Open Clip and 1808 Waffle Splash Guard	3.1 (1.4)
659589	with Single Notch Hold Open Clip, POPD®S and 1808 Waffle Splash Guard	3.2 (1.5)
666164	with Two Notch Hold Open Clip, 1808 Waffle Splash Guard and Cold Weather Seals	3.1 (1.4)
6595179	with Single Notch Hold Open Clip and 1808 Waffle Splash Guard	3.1 (1.4)
E659504	with Two Notch Hold Open Clip and Mate Guard	3.0 (1.4)
E659559	with Two Notch Hold Open Clip, Mate Guard and 1808 Waffle Splash Guard	3.1 (1.4)
E659595	with Two Notch Hold Open Clip, POPD®S Mate Guard and 1808 Waffle Splash Guard	3.1 (1.5)

^ NOT LISTED



MODEL NO. 659504



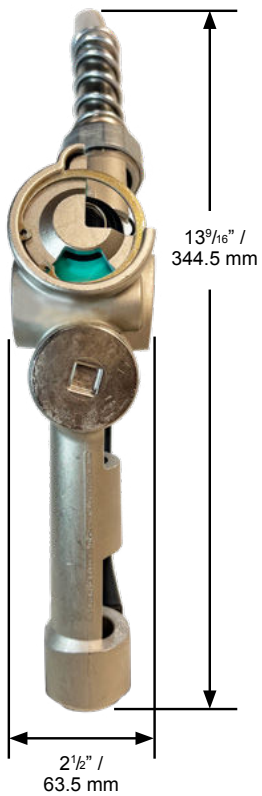
WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



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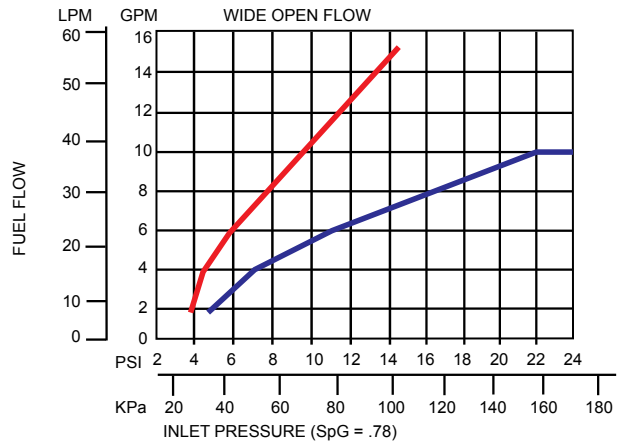
Pressure-activated, automatic shut-off nozzle for full-service and self-service stations.

## Dimensions



## Construction

Body	Nickel-plated die cast aluminum with high-impact polymer handguard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber-reinforced Teflon®
Lever	Two piece polymer EZ Lever
Inlet	3/4" (19 mm) NPT or 3/4" (19 mm) BSP





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## Nozzle Options

### Nozzle Guard Options

Full Grip Guard

POPD<sup>®</sup>S Full Grip Guard

POPD<sup>®</sup>H Full Grip Guard

Mate Guard

POPD<sup>®</sup>S Mate Guard

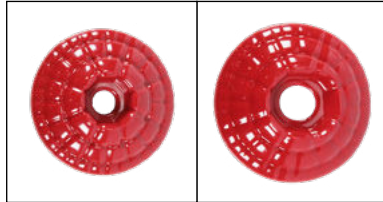
POPD<sup>®</sup>H Mate Guard



### Waffle Guard Options

1807 Waffle Guard

1808 Waffle Guard



### Handguard Options

Standard Polymer Handguard

Gilbarco Polymer Handguard (with or without Magnet)

Tokheim Polymer Handguard (with or without Magnet)

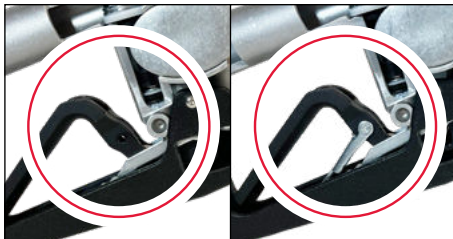
Wayne Polymer Handguard (with or without Magnet)



### Lever Options

Lever without Hold Open Clip

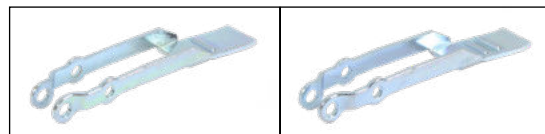
Lever with Hold Open Clip



### Latch Plate Options

1 - Position Latch Plate

2 - Position Latch Plate





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## System Options

### Safe-T-Breaks®

MODEL NO.	DESCRIPTION
006273	3/4" F x 3/4" F Non-Reconnectable E85 Safe-T-Break® Trebuchet MS
006360 <sup>^</sup>	3/4" F x 3/4" F Reconnectable E25/E85 Safe-T-Break®

### 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
000397	Unleaded Spout Gauge
007089	Nozzle Service Kit
007490	Internal Flo-Equalizer® - 10 gpm / 37.9 Lpm

### Swivels

MODEL NO.	DESCRIPTION
006350 <sup>^</sup>	3/4" M x 3/4" F NPT Multi-Plane E85 Swivel

### Guards

MODEL NO.	DESCRIPTION
001506	Protection Package
001806	Full Grip Reguard
001807	Waffle Splash Guard with Small Hole
001808	Waffle Splash Guard
001809	Reguard Protection Package
003440	Mate Easy-On Package
003795	Mate Guard
004145	Full Grip Guard
006628	POPD® S Clear Cover
006665	POPD® S Full Grip Guard
007205	POPD® S Full Grip Reguard
007361	Black Handle Cover
007999	POPD® H Clear Cover
008165	POPD® S Mate Guard
008166	POPD® H Mate Guard
008175	POPD® EZS Nozzle Guard
008176	POPD® EZH Nozzle Guard
008185	POPD® H Full Grip Guard
008192	POPD® H Full Grip Reguard
014524	International Mate Package
014530	International Mate Guard
015247	International POPD® H Mate Guard
015253	International POPD® H Mate Package

### Guard Color Chart

COLOR	SUFFIX	COLOR	SUFFIX	COLOR <i>CUSTOM</i>	SUFFIX
Blue	-01	Gold	-08	Amoco Blue	-07 <i>CUSTOM</i>
Red	-02	Silver	-09	Apple Green	-18 <i>CUSTOM</i>
Green	-03	BP Green	-16	Purple	-19 <i>CUSTOM</i>
Black	-04	M Blue	-21	Pink	-20 <i>CUSTOM</i>
Yellow	-05	Orange	-39	BPS Green	-22 <i>CUSTOM</i>
White	-06				

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 (159504-01). For custom colors, a minimum order of 4,000 guards will be required.



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