

# X E85 Nozzles



X E85

CONVENTIONAL ETHANOL FUELING

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

- X E85 nozzle shuts off when the 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 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 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.
- 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 ≤5 lbs.

## New Unleaded Nozzles with NPT Inlet

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
659404N^	with Two Notch Hold Open Clip	2.9 (1.3)
659459N^	with Two Notch Hold Open Clip and 1808 Waffle Splash Guard	3.0 (1.4)
659495N^	with Two Notch Hold Open Clip, POPD® S and 1808 Waffle Splash Guard	3.0 (1.4)

^ NOT LISTED



MODEL NO.  
659404N



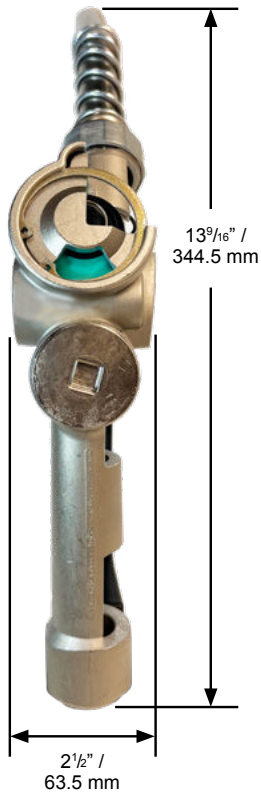
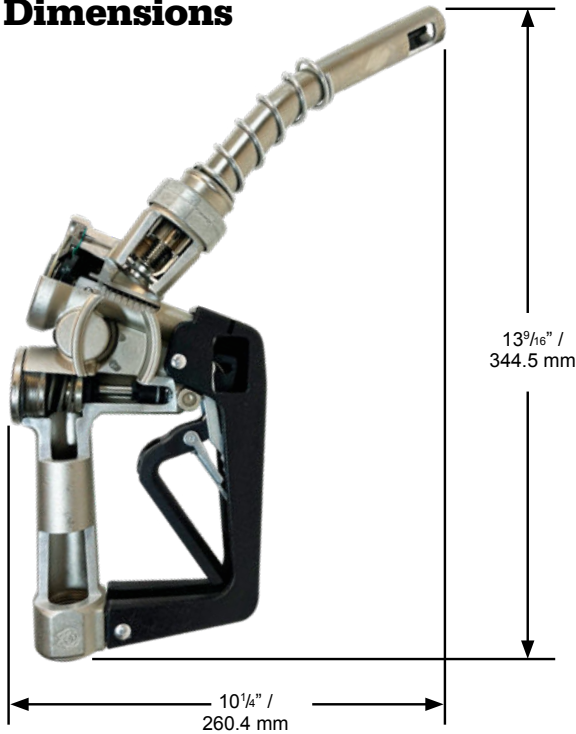
WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



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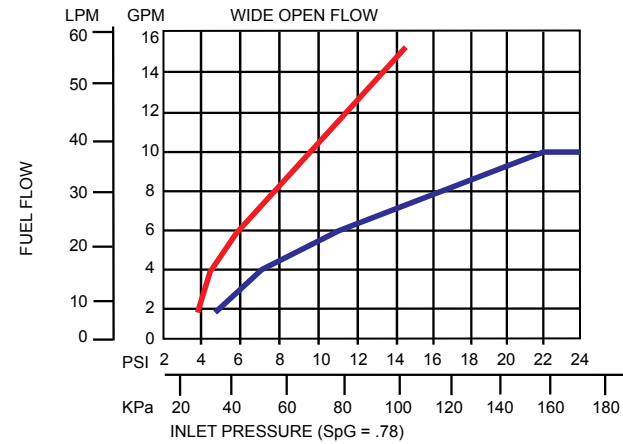
Automatic shut-off nozzle for full-service and self-service stations.

## 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®S Full Grip Guard

POPD®H Full Grip Guard

Mate Guard

POPD®S Mate Guard

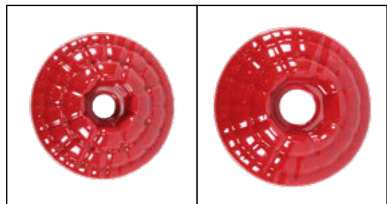
POPD®H Mate Guard



### 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)

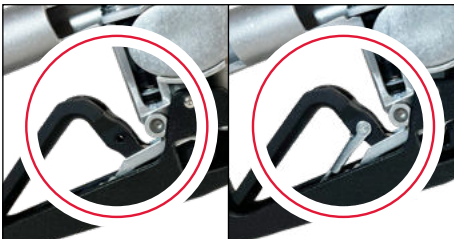
Wayne Polymer Handguard (with or without Magnet)



### Lever Options

Lever without Hold Open Clip

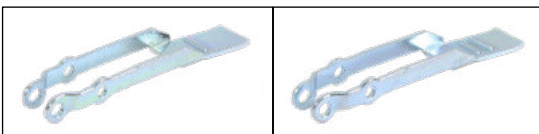
Lever with Hold Open Clip



### 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^	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^	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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