

# X DEF Nozzles



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

- X DEF nozzle shuts off when tank is full.
- Lighter than stainless steel nozzles.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Less expensive than comparable nozzles.
- Tilt poppet design provides precise “to-the-penny” dispensing.
- Stainless steel spout for durability.
- Flow characteristics of nozzle reduces crystallization of DEF.
- Complies with ISO Standard 22241-2:2006.
- Optional Flo-Equalizer® prohibits the nozzle from exceeding 3 gpm 11.4 Lpm.
- ADA-compliant EZ Lever reduces the force required to open the main poppet valve by 50%, resulting in a lever operating force  $\leq 5$  lbs.



MODEL NO.  
11676155N

## New X DEF Nozzle with 3/4" NPT

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

<sup>^</sup> NOT LISTED

## New X DEF Nozzle with 3/4" BSPP

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1167691N^	with Two Notch Hold Open Clip, Spout Ring and Magnetic Accufuel® Spout	3.0 (1.3)
11676154N^	with Two Notch Hold Open Clip	3.0 (1.3)
11676180N^	with Two Notch Hold Open Clip without Waffle Guard	3.0 (1.3)
11676190N^	with Two Notch Hold Open Clip and Long Spout	3.0 (1.3)
11676290N^	with Two Notch Hold Open Clip, Spout Ring and Magnetic Accufuel® Long Spout	3.0 (1.3)
12150154N^	with Two Notch Hold Open Clip and Gilbarco Magnetic Handguard	3.0 (1.3)
1215091N^	with Two Notch Hold Open Clip, Spout Ring, Magnetic Accufuel® Spout and Gilbarco Magnetic Handguard	3.0 (1.3)
12964154N^	with Two Notch Hold Open Clip, and Wayne Magnetic Handguard without Spout Groove	3.0 (1.3)
12970154N^	with Two Notch Hold Open Clip and Wayne Magnetic Handguard	3.0 (1.3)
13410204N^	with Two Notch Hold Open Clip, without Spout Groove	3.0 (1.3)
11676302N^	with Two Notch Hold Open Clip, without Spout Groove and Flo-Equalizer® (3 gpm)	3.0 (1.3)

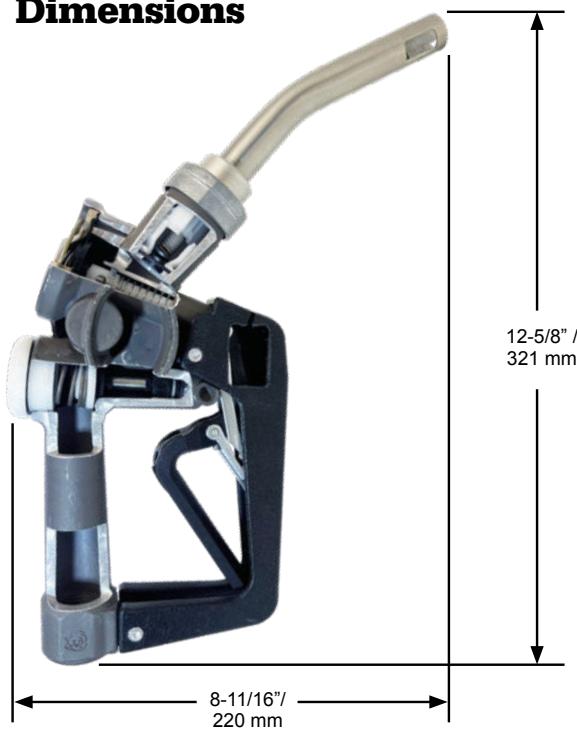
<sup>^</sup> NOT LISTED



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

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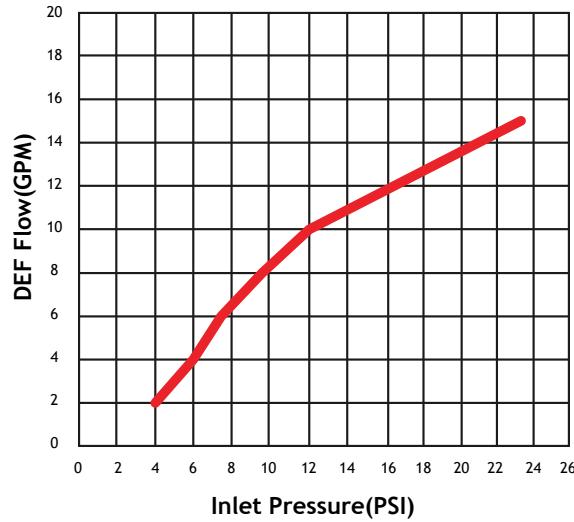
## Dimensions



## Construction

Body	Die cast, anodized aluminum with high-impact polymer handguard
Seals	Fluorocarbon
Spout	19 mm diameter
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 BSPP

X DEF NOZZLE AVERAGE BACK PRESSURE PERFORMANCE VERIFICATION





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## Nozzle Options

### Nozzle Guard Options

Full Grip Guard



Mate Guard

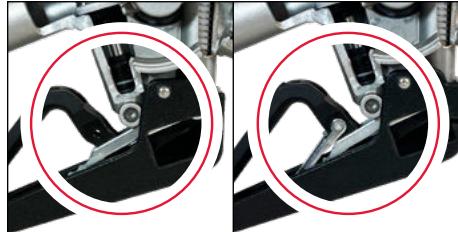
### Waffle Guard Options

1808 Waffle Guard



### Lever Options

Lever without Hold Open Clip



Lever with Hold Open Clip

Standard Polymer Handguard



### Handguard Options

Gilbarco Polymer Handguard (with or without Magnet)



Tokheim Polymer Handguard (with or without Magnet)

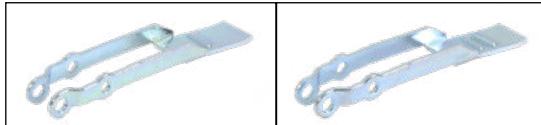


Wayne Polymer Handguard (with or without Magnet)



### Latch Plate Options

1 - Position Latch Plate



2 - Position Latch Plate





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## 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®

### Swivels

#### 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
012604	3/4" M x 3/4" F NPT Roller Bearing Inline Swivel
012656	3/4" M x 3/4" F BSPP Roller Bearing Inline Swivel

### Spouts

#### MODEL NO. DESCRIPTION

007360	with Spout Ring and Flo-Stop®
007362	with Flo-Stop®
007364	with Spout Ring and Magnetic Accufuel® Safety Feature

### Guards

#### MODEL NO. DESCRIPTION

001808	Waffle Splash Guard
003795	Mate Nozzle Guard
004145	Full Nozzle Guard
007361	Handle Cover (Black)
014114	International Mate Nozzle Guard

### 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®

### Guard Color Chart

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