

**Pressure Activated, automatic shut-off nozzle 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.
- Optional aluminum bushing 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 neck or raises above the horizontal.
- StreamShaper® reduces turbulence for straighter fuel flow and less splash back spillage.
- Strong flow (up to 75 gpm / 283.9 Lpm)
- Dual poppet design equalizes pressure on both sides of the main poppet valve in order to aid in lifting the lever, and ultimately opening the main poppet valve for full flow.
- 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.
- Comes standard with smooth full grip guard and 1808 waffle splash guard.



MODEL NO. 177610

**New High-Flow Diesel PHG Nozzles with NPT Inlet**

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
177610	with Three Notch Hold Open Clip, Polymer Handguard, 1808 Waffle Splash Guard and Spout Bushing	4.3 (2.0)
177612	without Hold Open Clip, with Polymer Handguard, 1808 Waffle Splash Guard and Spout Bushing	4.2 (1.9)
177681	with Three Notch Hold Open Clip, Polymer Handguard and Spout Bushing, without Waffle Splash Guard	4.3 (2.0)
177690	with Three Notch Hold Open Clip, Polymer Handguard, POPD®S, 1808 Waffle Splash Guard and Spout Bushing	4.3 (2.0)
504010	with Three Notch Hold Open Clip, Polymer Handguard and 1808 Waffle Splash Guard, without Spout Bushing	4.2 (1.9)
504012	without Hold Open Clip and Spout Bushing, with Polymer Handguard and 1808 Waffle Splash Guard	4.2 (1.9)
651910	with Three Notch Hold Open Clip, Polymer Handguard, 1808 Waffle Splash Guard, Spout Bushing and Cold Weather Seals	4.3 (2.0)
651981	with Three Notch Hold Open Clip, Polymer Handguard, Spout Bushing and Cold Weather Seals, without Waffle Splash Guard	4.2 (1.9)
652110	with Three Notch Hold Open Clip, Polymer Handguard, 1808 Waffle Splash Guard and Cold Weather Seals, without Spout Bushing	4.3 (2.0)
1776240	with Single Notch Hold Open Clip, Polymer Handguard, 1808 Waffle Splash Guard and Spout Bushing	4.3 (2.0)
5040132	with Three Notch Hold Open Clip, and Polymer Handguard, without Waffle Splash Guard and Spout Bushing	4.2 (1.9)
6519159	without Hold Open Clip, with Polymer Handguard, 1808 Waffle Splash Guard, Spout Bushing and Cold Weather Seals	4.2 (1.9)
11043132	with Three Notch Hold Open Clip, Polymer Handguard and Short Spout Spring, without Waffle Splash Guard and Spout Bushing	4.2 (1.9)
17761001	with Three Notch Hold Open Clip, Polymer Handguard, 1808 Waffle Splash Guard, 3" Longer Spout and Spout Bushing, without StreamShaper®	4.4 (2.0)
1678110N^	with Three Notch Hold Open Clip, Polymer Handguard, 1808 Waffle Splash Guard, Cold Weather Seals and Spout Bushing	4.6 (2.0)

^ NOT LISTED

**New High-Flow Diesel PHG Nozzles with BSP Inlet**

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
504038	with Three Notch Hold Open Clip, Polymer Handguard and 1808 Waffle Splash Guard, without Spout Bushing	4.2 (1.9)

^ NOT LISTED



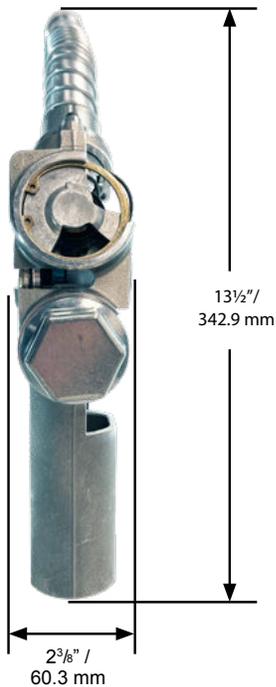
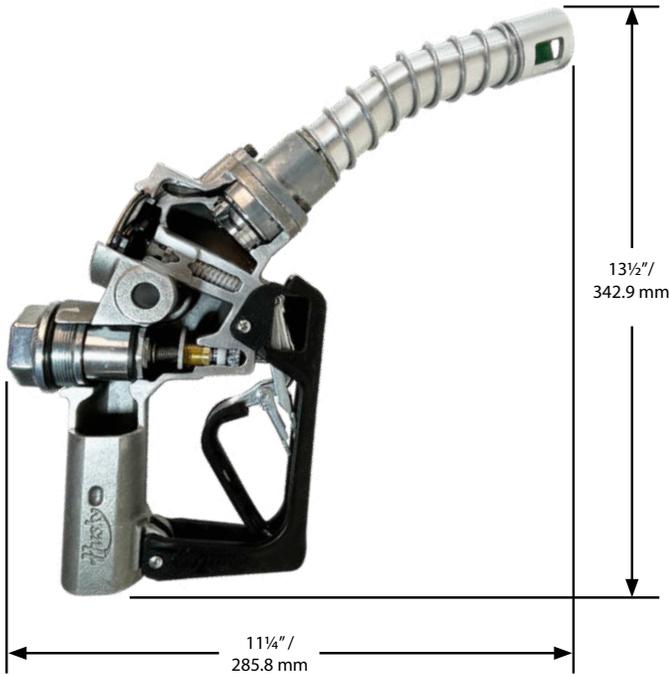
WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



# VIIIS Nozzles

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

## Dimensions



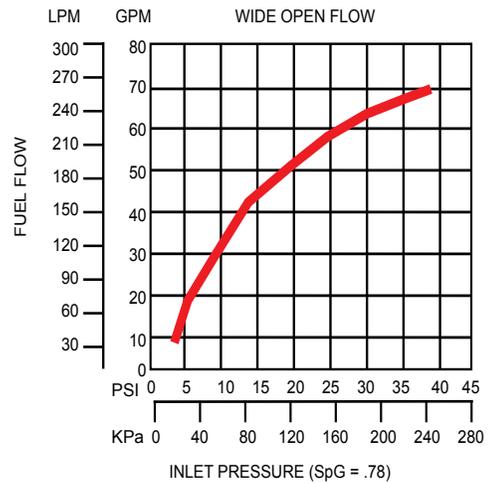
## New High-Flow Diesel MHG Nozzles with NPT Inlet

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
749610	with Three Notch Hold Open Clip, Metal Handguard, 1808 Waffle Splash Guard and Spout Bushing	4.5 (2.0)
749612	without Hold Open Clip, with Metal Handguard, 1808 Waffle Splash Guard and Spout Bushing	4.4 (2.0)
751010	with Three Notch Hold Open Clip, Metal Handguard and 1808 Waffle Splash Guard, without Spout Bushing	4.4 (2.0)

^ NOT LISTED

## Construction

Body	One piece sand cast aluminum with high-impact polymer or metal handguard
Seals	Fluorocarbon
Packing	Double o-ring seal protected by fiber-reinforced Teflon®
Lever	One piece contoured steel with hard polymer lever cover
Inlet	1" (25.4 mm) NPT or 1" (25.4 mm) BSP





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## Nozzle Options

### Nozzle Guard Options



### Waffle Guard Options

1808 Waffle Guard



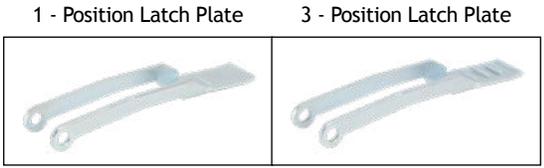
### Handguard Options



### Lever Options



### Latch Plate Options





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## System Options

### Safe-T-Breaks®

MODEL NO.	DESCRIPTION
002276	1" F x 1" F NPT 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
005231	1" F x 1" F Low Pull 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®
006914	1" F x 1" F BSPP Non-Reconnectable Safe-T-Break®
008331	1" F x 1" F NPT CK Reconnectable MAGBREAK®
009911	1" F x 1" F BSPP Reconnectable G2 MAGBREAK®

### 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
002279	Complete Spout Assembly with Spout Bushing
003589	Complete Long Spout Assembly without Spout Bushing
005017	Complete Spout Assembly without Spout Bushing
007218	Complete Long Spout Assembly with Spout Bushing
011043	Complete Spout Assembly without Spout Bushing, with Small Spout Spring
011129	Complete Long Spout Assembly without Spout Bushing and UL Groove
010434	Unleaded Long Spout 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
003593	Hold Open Clip Kit
006645	Plunger Assembly Lift Tool
007089	Nozzle Service Kit

### Swivels

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

### Guards

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

### 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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