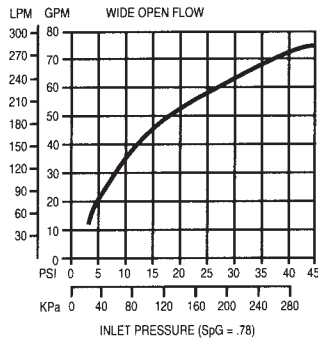


# HUSKY VIII

## HIGH VOLUME AUTOMATIC SHUT-OFF NOZZLE

### Husky VIII Nozzle:

- Automatic shut-off nozzles for Truck Stop and other High Volume applications.
- Husky VIII nozzle shuts off:
  - when the gas tank is full.
- Nozzle is equipped with unique Flo-Stop device that shuts off nozzle if it falls from fill tank or raises above the horizontal.
- Flow rates up to 75 GPM.
- 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 spit-back spillage. Spout replacement is fast and easy.

- Old style spout without bushing available on request.



### SPECIFYING INFORMATION

Model Number	Fuel	Hold-open Clip	Weight Lbs. (kg.)	Thread
173310	Diesel or Gasoline	yes	4.1 (1.86)	NPT
173338	Diesel or Gasoline	yes	4.1 (1.86)	BSP
503010 w/o bushing	Diesel or Gasoline	yes	4.0 (1.81)	NPT

### CONSTRUCTION

Body	Aluminum
Disc	Viton® (Fluorocarbon)
Packing	Double O-Ring seal protected by fiber reinforced Teflon
Lever	One piece contoured steel
Inlet	1" NPT, BSP

### PATENTS AND LISTINGS

Patent Nos.	4,596,278	4,809,753	4,658,987
Listings	U. L.	U.L.C.	

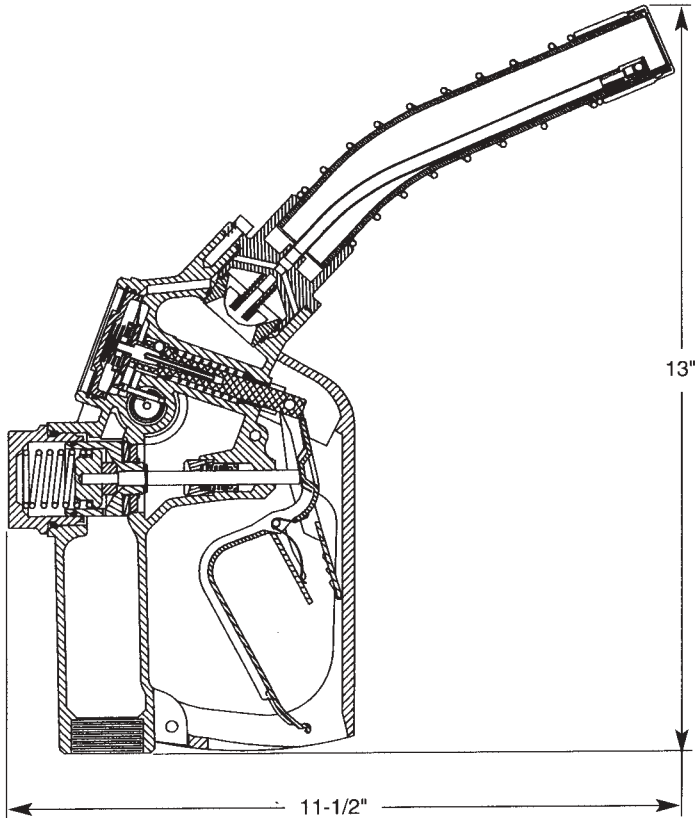
Viton® is a registered trademark of DuPont Dow Elastomers.



# HUSKY VIII

## HIGH VOLUME AUTOMATIC SHUT-OFF NOZZLE

- ACCESSORIES
- FEATURES
- DIMENSIONS



SAFE-T-BREAKS®	Model No.	Description
	2276	1"M x 1"F NPT
	1551	Scuff Guard

SWIVELS	Model No.	Description
	0087	1"M x 1"F
	0095	1"M x 1"F 70° Pump Swivel

SPOUTS	Model No.	Description
	2279	High Flow w/ spout bushing
	5017	High Flow w/o spout bushing

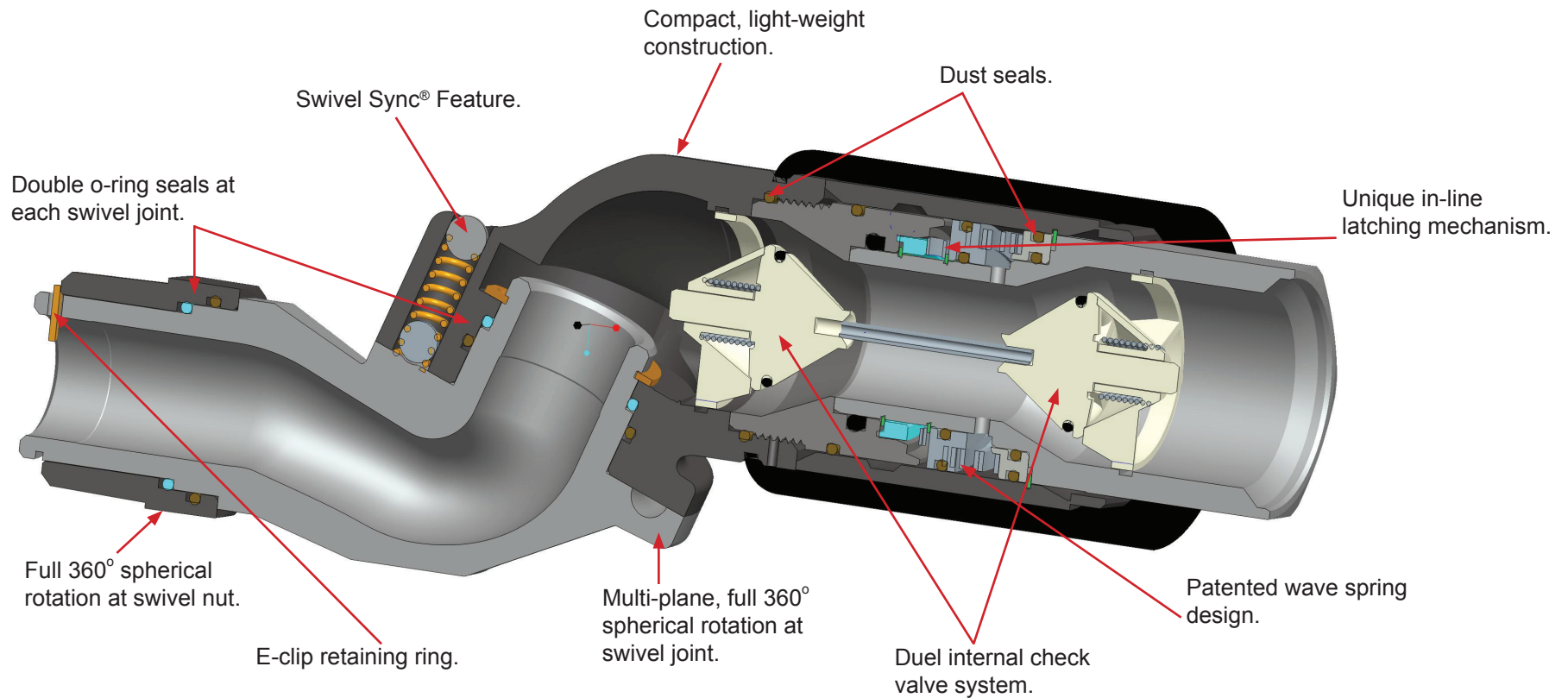
GUARDS	Model No.	Description
	4740	Full Grip Guard
	1808	Waffle Gas Guard



# SWIVEL·SAFE-T-BREAK®

## COMBO FEATURES

Part # 5969-bsp-Reconnectable 1" M x 1" F



April 2009

**PacificGauge**  
The Good People

# FLAME ARRESTERS

Our Tradition. Your Future.

**FLAME ARRESTERS** hinder the progress of flames to the protected parts of equipment meant for storage, distribution, transport and processing flammable gases and fumes of class IIA and IIB explosive liquids range.

## Main Advantages

- Top grade quality
- High operational reliability
- Low demand on maintenance
- Long life



The flame arresters plugs are constructed and manufactured by experts with special care and the guarantee of high quality workmanship making use of experience gathered over decades of development and production.

# FLAME ARRESTERS

The construction and parameters of the flame arresters comply with the demanding requirements of the Czech National Standard EN 12874.

The complete range of flame arresters has been certified by the  $\text{CE}$  1026 AO FTZÚ notified organ, s.p. (national corporation) Ostrava-Radvanice according to the 94/9/EC – ATEX Guidelines.

The quality system for the manufacture of flame arresters has been certified by the  $\text{NO}$   $\text{CE}$  1026 – AO FTZÚ, s.p. (national corporation) Ostrava-Radvanice according to supplement IV of the 94/9/EC – ATEX guideline – certificate no. FTZÚ 02 ATEX Q 20.

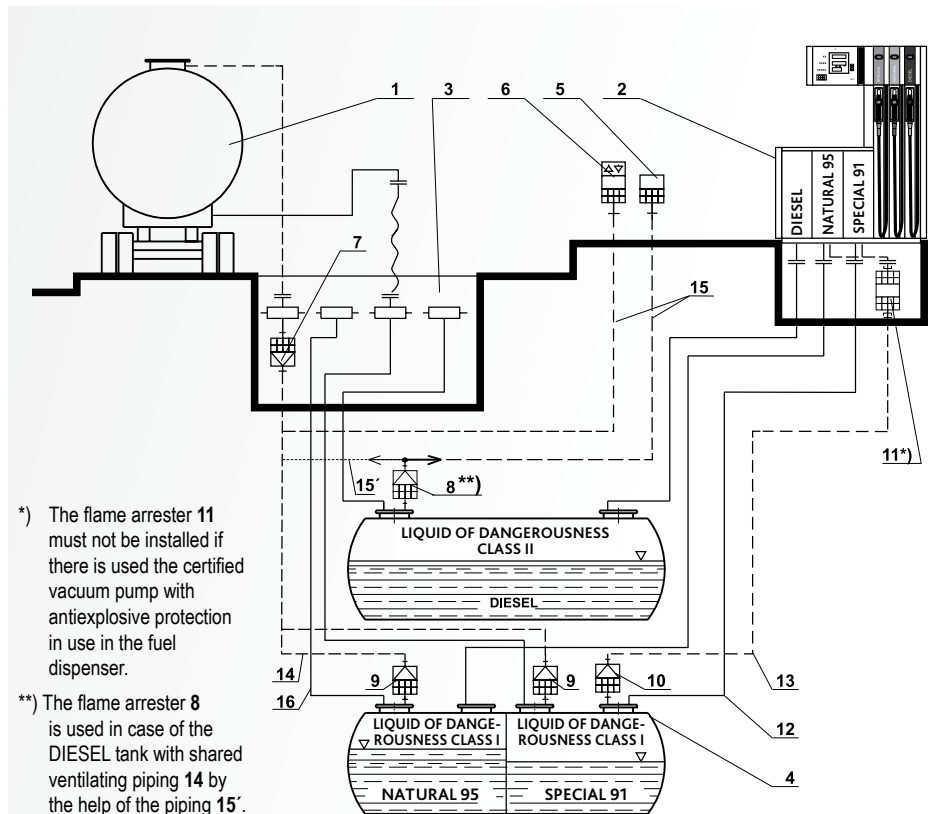
## An overview of the flame arresters

		DN 25	DN 50	DN 80	DN 100
Anti-detonation	J 13x Bi-directional detonation in-line	J 131.25/P4AD2 J 131.25/P4BD2	J 134.50/P7AD2/II J 134.50/P4BD2/II	J 134.80/P7AD2/II J 134.80/P4BD2/II	J 134.100/P7AD2/II *) J 134.100/P4BD2/II *)
	J 47x Unidirectional detonation angular	—	J 474.50/1/P4AD/II	J 474.80/1/P4AD/II	—
Anti-deflagration	J 37x Deflagration end-of-line	—	J 371.50/1/P7AE/II	J 374.80/1/P7AE/II	J 374.100/1/P7AE/II
	J 34x Deflagration valved end-of-line – for vapour recovery	—	J 341.50/1/P7AE/II	—	J 344.100/1/P7AE/II

\*) Flame arresters of the DN 100 range will be available after evaluating verification of the entire series has been completed.

## An example of antiexplosive protection of the fuel storage tanks at filling stations

- 1 Road fuel tank
- 2 Fuel dispenser
- 3 Filling shaft
- 4 Storage tank
- 5 Deflagration flame arrester end-of-line DN 50 – J 371.50/1/P7AE/II type
- 6 Deflagration valved flame arrester end-of-line DN 50 – J 341.50/1/P7AE/II type
- 7 Detonation flame piping arrester angular unidirectional for a stable detonation DN 50 – J 474.50/1/P4AD/II type
- 8,9 Detonation flame piping arrester angular unidirectional for a stable detonation DN 80 – J 474.80/1/P4AD/II (J 474.50/1/P4AD/II) type
- 10 Detonation flame piping arrester angular unidirectional for a stable detonation DN 50 – J 474.50/1/P4AD/II type
- 11 Detonation flame piping arrester in-line bi-directional for a stable detonation n DN 25 – J 131.25/P4AD2 type
- 12 Suction piping to the fuel dispenser
- 13 Piping for vapour recovery of II. stage
- 14 Piping for ventilation and vapour recovery of I. stage
- 15 Ventilation piping
- 16 Piping for fuelling into the tank



Certificate



$\text{CE}$  1026

# HUSKY PRESSURE / VACUUM VENT

## VENT CAP FOR UST

**Model 4620 and 4885 have three (3) separate valves that address pressure / vacuum conditions in underground storage tanks (UST).**

Husky pressure / vacuum (P/V) vents incorporate three (3) separate valves to control over-pressure and vacuum conditions that arise in storage tanks. The three (3) valve system provides the necessary protection and durability needed in a UST vent cap.

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.

Model 4885 and Model 4620 are not for use in California / EVR applications.

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.

Model 4885 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 4885 is a threaded vent cap that is easily installed by using the cast-on hex nut which allows tightening without having to go between vent pipes.

Model 4620 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 4620 uses four (4) stainless steel set screws to grip the vent stack preventing any loosening of the seal.

### SPECIFYING INFORMATION

Model Number	Description	Weight lbs.(kg.)
4620	2 in / 51 mm Slip-On Pressure / Vacuum Vent Cap	1.2 (.54)
4885	2 in / 51 mm Thread-On Pressure / Vacuum Vent Cap	1.2 (.54)

### CONSTRUCTION

Body	Aluminum
Screen	40 Mesh Stainless Steel
Set Screws	Stainless Steel
Deflector	Aluminum

### PATENTS and LISTINGS

Patent Numbers: 5,957,157

Listings:   Texas Commission on Environmental Quality



CARB Executive Orders:  
 G-70-186                      G-70-150-AE  
 G-70-188                      G-70-153-AD  
 G-70-196                      G-70-183-AA  
 G-70-204-A                  G-70-191-AA  
 G-70-209-A



MADE IN THE U.S.A.



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.**



Model 4885 shown

# HUSKY PRESSURE / VACUUM VENT

## VENT CAP FOR UST

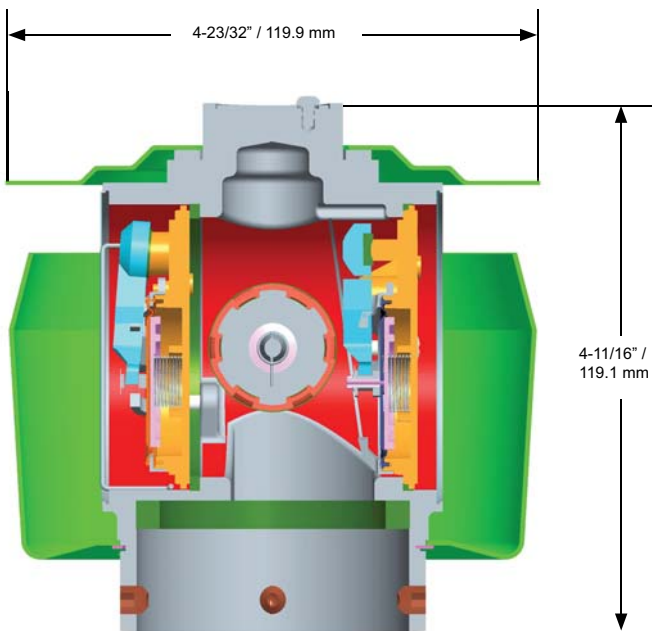
- **Dimensions**
- **Accessories**

### Adapter

Model No.	Description
5041	3 in / 76 mm thread to 2 in / 51 mm Thread Pipe Adapter

### Testing Equipment

Model No.	Description
5426	Pressure / Vacuum Vent Test Adapter



Model 4620 shown

