



# HUSKY

## PRODUCT OVERVIEW





**Husky V-34  
Vapor Recovery  
Vacuum Assist**

*Pressure Activated  
Nozzle*

The Husky V-34 is designed for use in self-service, full-service and unattended stations • Strong vapor valve that is mechanically operated by the on-off action of the lever • Vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points, and fugitive evaporative emissions from fuel remaining in the vapor path of the hose • Uses conventional spout with spout ring and soft vapor splash guard • Steel reinforced spout bushing keeps spout tip round • Vapor assist is achieved at the body-end of the spout, where a ‘vapor ring’ captures emissions • Spout covered by one year warranty.

**Husky 6051 for  
SaberVac™ System**

Husky 6051 nozzle for use with the SaberVac™ System to provide more efficient vapor collection. Many of the same features of the V34 nozzle but requires a Balance Coaxial hose.

**Husky V  
Vapor Recovery  
Balance System**

*Same Size as  
Conventional Nozzle*

The Husky V nozzle will fit most existing dispensers; conversions to Stage II can be faster, easier and less costly • The bellows is made of high molecular weight polyurethane, has great flexibility, resistance to cuts, and has the lightest “force” needed to insert/seal of any bellows nozzle • Aluminum casting and design provides a lightweight, easier to handle nozzle. • Vapor valve in body, not on the spout • Steel reinforced spout bushing keeps spout tip round • Available in short or long spout versions.

**Husky X Series  
Conventional  
Fueling**

*Automatic Shut off  
3/4" Inlet*

**X S Nozzle**

Pressure activated for self-service, full-service and unattended stations • Shuts off when the pump shuts off, when the gas tank is full • Flo-Stop shuts off nozzle if it falls from fill tank or the spout raises above the horizontal • Aluminum reinforced spout bushing keeps spout tip round, and acts as captive fastener to prevent tip-end sensor damage • Flo-Equalizer regulates flow to 10 GPM max • Accu-Flo provides to-the-penny dispensing.

**X Nozzle**

Automatic shut off nozzle • Equipped with Flo-Stop and Flo-Equalizer (see above) • Also has aluminum reinforced spout bushing.

**X-FS Nozzle**

For farm, 12V skid tank and consumer pumps (Strong flow, up to 18 GPM) • Has built-in hook, or fits “holster lock” • Not to be used with gravity tanks; not legal for retail dispensing.

**Husky 1 Series  
Conventional  
Fueling**

*Automatic Shut Off  
1" Inlet*

**1-A Nozzle**

Equipped with Flo-Stop that shuts off nozzle if it falls from fill tank or spout raises above horizontal.

**1-HS Nozzle**

Truck stop nozzle; for flow up to 25 GPM dispensing • Full nozzle guard and lever cover protect vehicle and customer’s hands • Accu-Flo provides to-the-penny dispensing

**1-GS Nozzle**

Automatic shut off nozzle for farm, 12V skid tank pumps, or larger pumps without air eliminators • Flo-Stop shuts off nozzle if it falls from fill tank or spout raises above horizontal • Not to be used with gravity tanks; not legal for retail dispensing.

**Husky VIII Series  
Truck Stop & High  
Volume Fueling**

*1" Inlet*

**VIII S Nozzle**

Premier nozzle for unattended self-service and unattended stations • Shuts off when pump shuts off, when the gas tank is full, when the lever is opened before the pump is turned on • Flow rates up to 75 GPM • Equipped with Flo-Stop to shut off nozzle if it falls from fill tank or raises above the horizontal • 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 • Comes with full grip hand-guard and waffle splash guard.

**VIII Nozzle**

Automatic shut off with all the features of the VIII Series, except for pre-pay functionality.

**1690 Nozzle  
Truck Stop & High  
Volume Fueling**

*1-1/2" Inlet*

Super high volume nozzle that dispenses up to 100 GPM • 30% lighter than similar nozzles • Extra large hand opening accommodates gloves/mittens • Check valve in body, not spout, for fast, inexpensive spout replacement • Automatic shut off, with dual poppets for easy opening • Two position hold-open latch, and right angle design allows nozzle to fit close to walls, corners • Model available for use in Canada is U.L. Listed. • Cast-in protective standoff provides durability with rough usage.



**4034**  
**Safe-T-Break®**  
**Vapor Recovery**  
**Vapor Assist**

For vapor assist systems: coaxial hoses with fuel "outside" hose, vapor return "inside" hose • Stops flow of fuel on both sides of the separation • Easily reconnectable • Retains U.L. Listing after reconnecting • Separates at less than 200 lbs. pull force • Reconnects with minimal force • Unique design includes vapor valve that stops vapors from escaping after a driveaway, and pre-loaded shock absorbing wave spring to minimize nuisance breaks.

**5134**  
**Safe-T-Break®**  
 Same as Model 4034  
 • Service reconnectable for areas or sites requiring service technicians to reinstall  
 • Snaps back together easily, with reconnection tool, sold separately.

**3360VR**  
**Safe-T-Break®**  
**Vapor Recovery**  
**Balance Systems**

Same features and benefits as Model 4034 • For balance systems: coaxial hoses with fuel "inside" hose, vapor return in "outside" hose.

**3360**  
**Safe-T-Break®**  
**Conventional**  
**Fueling**  
*3/4" Inlet*

Reconnectable Safe-T-Break® for conventional fueling application • Retains U.L. Listing after reconnecting • Separates at less than 200 lbs. pull force, minimizing backlash • Stops flow of fuel on both sides of the separation • Reconnects with minimal force.

**2273**  
**Safe-T-Break®**  
**Disposable Model,**  
**Conventional**  
**Fueling**  
*3/4" Inlet*

Lightweight, inexpensive and disposable  
 • Uses same dual check valve design as the 3360 valve to stop flow on both sides of the separation.  
 • Separates under 250 lbs. pull force • Most widely used break-away valve on the market.

**2276**  
**Safe-T-Break®**  
**Truck Stop &**  
**High Volume**  
*1" Inlet*

For truck and high volume fueling  
 • Reconnectable and retains U.L. Listing after reconnection  
 • Internal pressure balancing chamber prevents line shock and nuisance separations • Separates at less than 200 lbs. pull force, minimizing backlash.

**4885 Vent Cap**  
**for UST**

Uniquely designed to provide protection and durability needed in a UST vent cap • Model 4885 has three separate valves to control over-pressure and vacuum conditions in USTs • Vacuum valve is diaphragm operated, providing 10 times more sealing force than gravity devices; consistently opens at 8" of water column vacuum • First over-pressure valve is diaphragm operated, giving 10 times more sealing than gravity devices; opens at 3" of water column pressure • Safety over-pressure valve is designed to handle high pressure/-high flow conditions; will vent up to 7900 SCFH at 2 psi.  
 • Model 4885 (Threaded) Vent Cap easily installs using the cast on hex nut. Allows tightening without having to go between vent pipes. Meets new CARB EVR Standard CP-201. • Also available in 2" slip on (Model 4620).





**4605 Swivel for Vapor Recovery**

4605 swivel is compatible with most inverted vapor recovery systems • Has 360° rotation and double o-rings at each swivel joint • Can be installed at the nozzle, or mounted at the dispenser • Double ball bearing construction assures long life and superior performance • Exceptional flow rate and reduced back pressure • Compatible with fuels containing alcohol.

**0350 Swivel for Conventional Fueling**  
3/4" Inlet

For use in standard fueling applications  
• Multi-plane, full 360° rotation • High flow rate due to laminar flow design  
• Double o-ring seals at each swivel provide long life and low temperature performance  
• Compatible with fuels containing alcohol • Compact and lightweight for easy handling.

**0355 Swivel**  
Same as Model 0350, except anodized black.

**2272 Swivel for Conventional Fueling**  
3/4" Inlet

Same quality construction as other conventional swivels, except for use as 90° pump swivel.

**4860 Swivel for Truck Stop & High Volume Applications**  
1" Inlet

Designed for use with high flow nozzles and flow rates up to 100 GPM • Double ball bearing construction assures long life and superior performance  
• 75% less back pressure • 360° rotation  
• High flow rate due to laminar flow design  
• Double o-ring seals provide long life at low temperatures  
• Compatible with fuels containing alcohol.

**0095 Swivel**  
High flow rate  
• Compact • Compatible with fuel containing alcohol  
• 70° angle.

**0087 Swivel for Truck Stop & High Volume**  
1" Inlet

Multi-plane 360° spherical rotation  
• High flow rate  
• Double o-ring seals at each swivel  
• Compatible with fuels containing alcohol.

**Waffle Gas Guard**

The Waffle Gas (splash) Guard, with its distinctive 'waffle' pattern, was invented by Husky in 1989. This strong, rigid guard has excellent performance qualities in sealing to the fill pipe and in 'guarding' against gas spit-back. It is available in 16 colors. Its distinctive pattern also means the Waffle Guard is easy to install.

**Full Grip Guard**

The full grip guard provides your customers with maximum protection and comfort. These guards are easy to install, come in 16 colors, and can be silk-screened with your logo. The full grip guards are made to resist damage from gasoline, are easy to clean and economical to replace.



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# HUSKY V-34 CONVAC

## VACUUM ASSIST NOZZLE FOR

VAPORVAC® (GILBARCO), WAYNE®VAC (WAYNE), MAXVAC™ (TOKHEIM) SYSTEMS

### Pressure Activated Vacuum Assist Nozzle for self service, full service and unattended stations

- V-34 Nozzle shuts off:
  - when the pump shuts off.
  - when the gas tank is full.
  - when the lever is opened before the pump is turned on.
  - when the leak detector has not completed its test cycle.
- Strong vapor valve in the nozzle that is mechanically operated by the on-off action of the nozzle's lever.
- Nozzle is equipped with unique Flo-Stop device that shuts off nozzle if it falls from fill tank or raises above the horizontal.
- Husky vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points, and fugitive evaporative emissions from fuel remaining in the vapor path of the hose.
- Uses conventional spout with spout ring and soft vapor escape guard. Vapor assist is achieved at the body-end of the spout, where a "Vapor Ring" captures emissions.
- Spout covered by one year warranty.



### SPECIFYING INFORMATION

Model Number	Fuel Clip	Hold-open Lbs. (kg.)	Weight
6250041	Unleaded	Yes	3.1 (1.42)
6250081	Unleaded	No	3.1 (1.42)
6250031	Leaded	Yes	3.1 (1.42)
6250071	Leaded	No	3.1 (1.42)

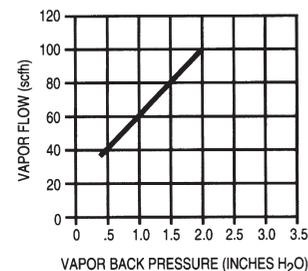
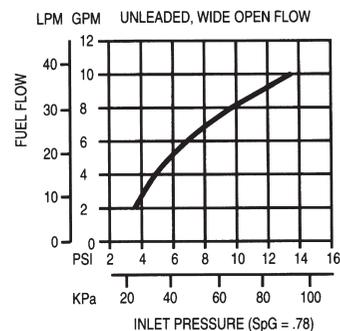
### CONSTRUCTION

Body	Aluminum
Disc	Viton® (Fluorocarbon)
Packing	Fiber Reinforced Teflon
Lever	One Piece Contoured Steel
Inlet	M34 x 1.5

### PATENTS AND LISTINGS

Patent Nos.	4,010,781 4,658,987 4,809,753
Listings	U. L. C.A.R.B.

Viton® is a registered trademark of DuPont Dow Elastomers.

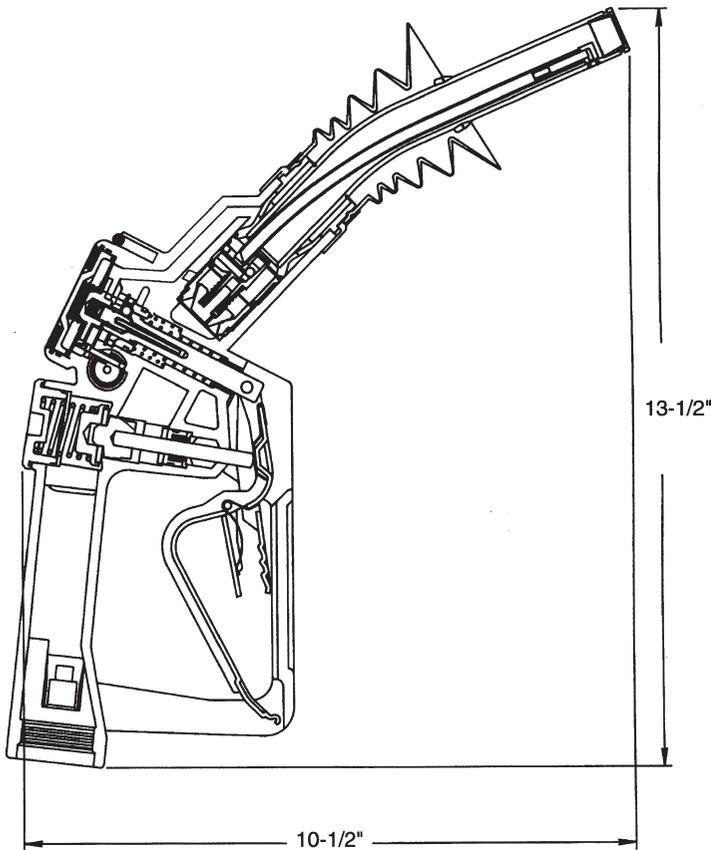


# HUSKY V-34 CONVAC

## VACUUM ASSIST NOZZLE FOR

VAPORVAC® (GILBARCO), WAYNE®VAC (WAYNE), MAXVAC™ (TOKHEIM) SYSTEMS

- ACCESSORIES
- FEATURES
- DIMENSIONS



SPOUTS	Model No.	Description
	6291	Complete Assembly Kit Unleaded*
	6261	Complete Assembly Kit Leaded*
	6391	Unleaded Spout
	6361	Leaded Spout
	4000	Vapor Escape Guard
	4039	Vapor Guard Clamp

\* Includes spout, vapor escape guard and clamp.

SAFE-T-BREAKS®	Model No.	Description
	4034	Reconnectable Safe-T-Break® (with Vapor Valve)
	5134	Service Reconnectable Safe-T-Break® (with Vapor Valve)
	5172	Reconnect Assembly Tool required to reconnect Model 5134
	5164	O-Ring Kit for Model 5134

GUARDS	Model No.	Description
	6951	Full Grip Guard
	4231	Full Grip ReGuard

TESTING	Model No.	Description
	4360	Air/Liquid (A/L) Spout Adaptor for testing vacuum assist systems
	0397	Spout Gauge (Measures conformance of spout to regulatory standards)

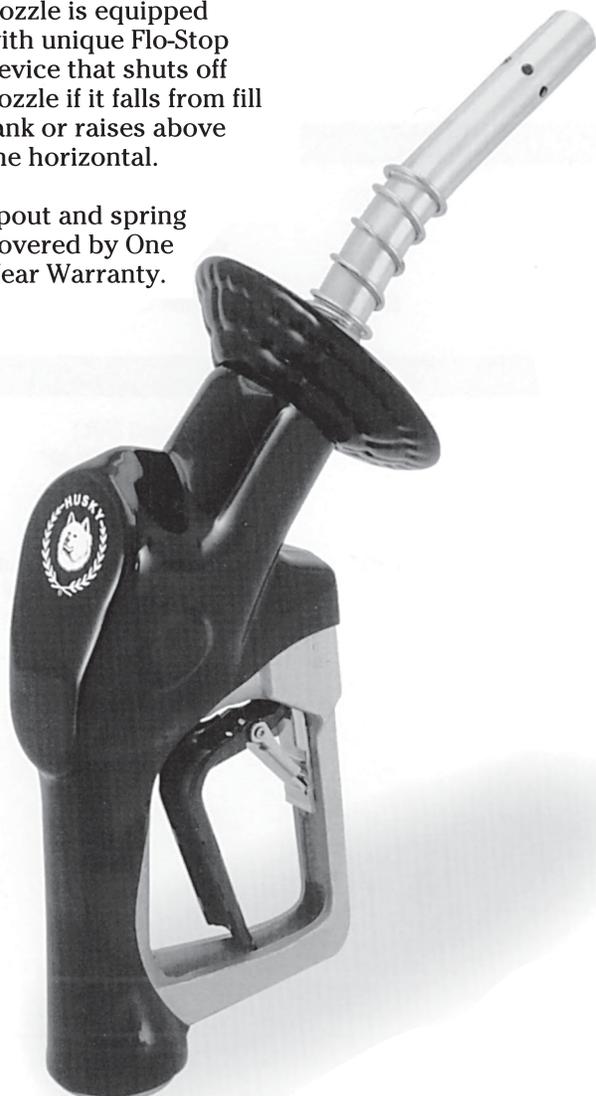


# HUSKY V-3

## VACUUM ASSIST NOZZLE FOR GILBARCO, SCHLUMBERGER AND HASSTECH

### Pressure Activated Vacuum Assist Nozzle for self service, full service and unattended stations

- V-3 Nozzle shuts off:
  - when the pump shuts off.
  - when the gas tank is full.
  - when the lever is opened before the pump is turned on.
  - when the leak detector has not completed its test cycle.
- Nozzle is equipped with unique Flo-Stop device that shuts off nozzle if it falls from fill tank or raises above the horizontal.
- Spout and spring covered by One Year Warranty.
- Husky vapor return line is an internal part of the body casting, thus eliminating potential vapor leak points.
- Uses coaxial spout with spout spring and has large vapor-capturing holes at the end of the spout.
- Plunger design provides a better seal to eliminate potential leaking and staining.



### SPECIFYING INFORMATION

Model Number	Fuel	Hold-open Clip	Weight Lbs. (kg.)
6201049	Unleaded	Yes	3.1 (1.42)
6201089	Unleaded	No	3.1 (1.42)
6201039	Leaded	Yes	3.1 (1.42)
6201079	Leaded	No	3.1 (1.42)

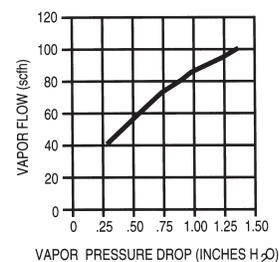
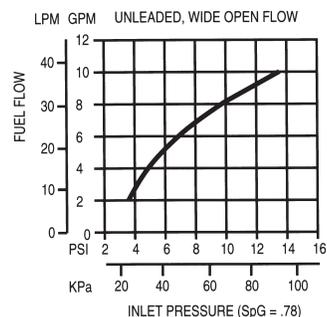
### CONSTRUCTION

Body	Aluminum
Disc	Viton® (Fluorocarbon)
Packing	Double O-Ring Seal Fiber Reinforced Teflon
Lever	One Piece Contoured Steel
Inlet	M34 x 1.5

### PATENTS AND LISTINGS

Patent Nos.	4,010,781	4,658,987	4,809,753
Listings	U. L. CARB		

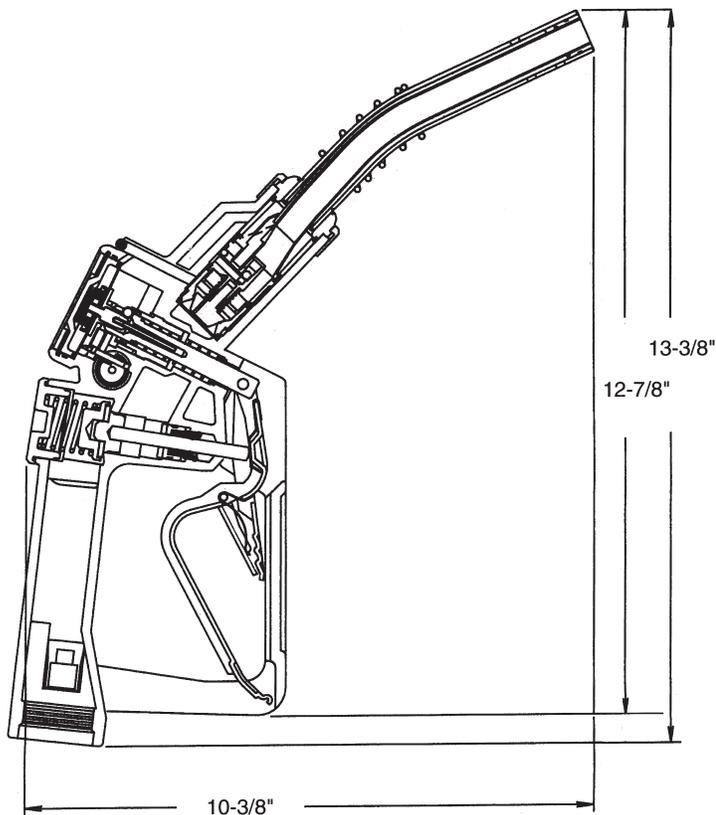
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# HUSKY V-3

## VACUUM ASSIST NOZZLE FOR GILBARCO, SCHLUMBERGER AND HASSTECH

- ACCESSORIES
- FEATURES
- DIMENSIONS



### SPOUTS

Model No.	Description
6289	Unleaded Spout
6279	Leaded Spout

### SAFE-T-BREAKS®

Model No.	Description
4034	Reconnectable Safe-T-Break® (with Vapor Valve)
5134	Service Reconnectable Safe-T-Break® (with Vapor Valve)
5172	Reconnect Assembly Tool required to reconnect Model 5134 Safe-T-Break®
5164	O-Ring Kit for Model 5134 Safe-T-Break®

### GUARDS

Model No.	Description
5170	Full Grip Guard
5169	Full Grip ReGuard
6955	Waffle Gas Guard

### TESTING

Model No.	Description
4360	Air/Liquid (A/L) Spout Adaptor for testing vacuum assist systems
0397	Spout Gauge (Measures conformance of spout to regulatory standards)

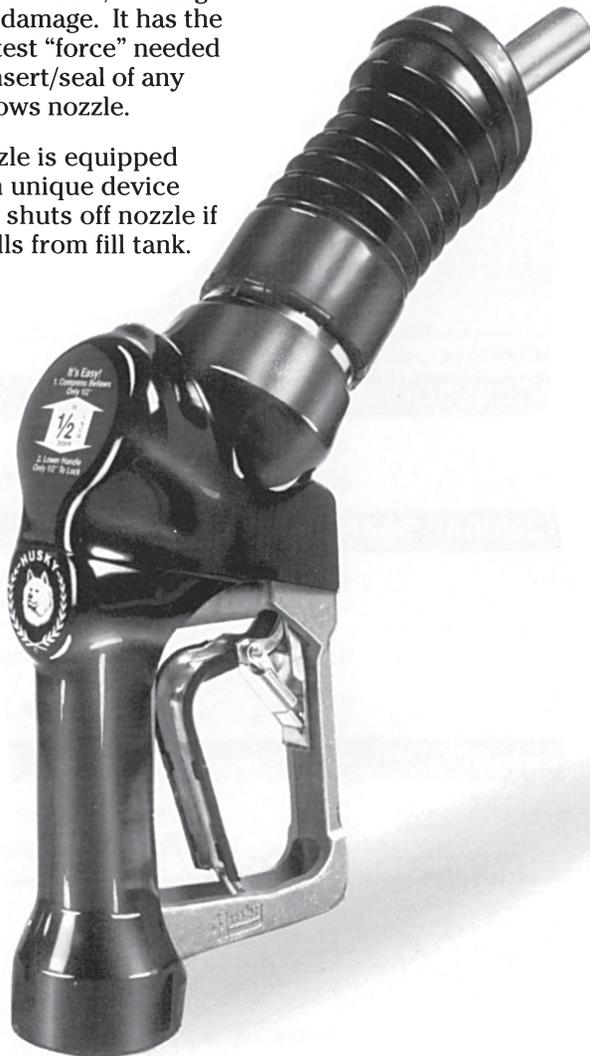


## BALANCE SYSTEM VAPOR RECOVERY NOZZLE

**Husky  $\nabla$  is a vapor recovery nozzle designed for new Stage II installations that is the same physical size as a conventional, non-vapor recovery nozzle.**

- The Husky  $\nabla$  will fit most existing dispensers. Conversions to Stage II can be faster, easier and less costly.
- The bellows—made of high molecular weight polyurethane—is 65% more flexible than previous bellows, and provides 55% greater resistance to cuts, scuffing and damage. It has the lightest “force” needed to insert/seal of any bellows nozzle.
- Nozzle is equipped with unique device that shuts off nozzle if it falls from fill tank.

- Vapor valve in body, not in spout.
- Easy and inexpensive to maintain due to the one-piece bellows, the uncluttered spout, and the simple, single bellows clamp.
- Another version of the nozzle—with longer spout and bellows — is available for replacing vapor recovery nozzles already installed.
- Aluminum casting and design provides a lightweight, easier to handle nozzle.



### SPECIFYING INFORMATION

Model Number	Fuel	Hold-open Clip	Weight Lbs. (kg.)	Spout
5010	Unleaded	yes	3.3 (1.49)	Short
5020	Unleaded	no	3.3 (1.49)	Short
5110	Leaded	yes	3.3 (1.49)	Short
5120	Leaded	no	3.3 (1.49)	Short
5210	Unleaded	yes	3.4 (1.54)	Long
5220	Unleaded	no	3.4 (1.54)	Long
5310	Leaded	yes	3.4 (1.54)	Long
5320	Leaded	no	3.4 (1.54)	Long

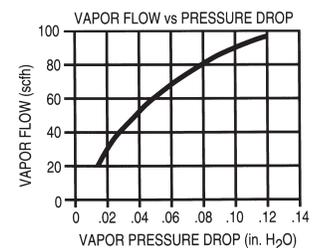
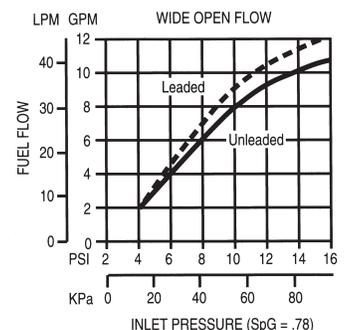
### CONSTRUCTION

Body	Aluminum
Disc	Viton® (Fluorocarbon)
Packing	Fiber reinforced Teflon
Lever	One piece contoured steel
Inlet	1-7/8" x 12

### PATENTS AND LISTINGS

Patent Nos.	5,085,258 5,127,451
Listings	U.L. C.A.R.B.

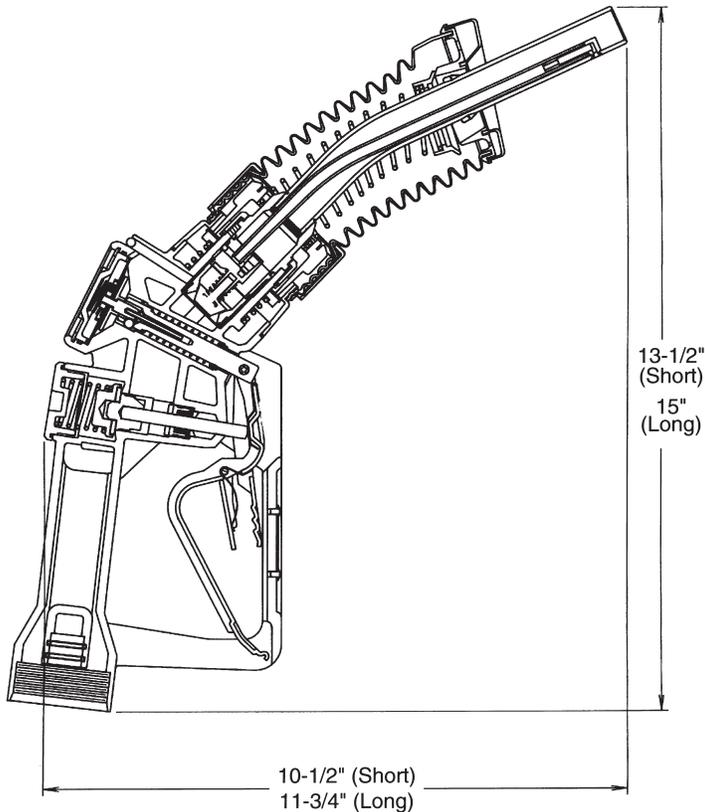
Viton® is a registered trademark of DuPont Dow Elastomers.



# HUSKY

## BALANCE SYSTEM VAPOR RECOVERY NOZZLE

- ACCESSORIES
- REPLACEMENT PARTS
- FEATURES
- DIMENSIONS



### REPLACEMENT PARTS

Short Spout	Model No.	Description
	5800-01	Complete Assembly Kit-Unleaded*
	5800-02	Complete Assembly Kit-Leaded*
	5801	Bellows
	5802-01	Spout-Unleaded
	5802-02	Spout-Leaded
	5803	Bellows Spring Assembly

\* Includes short spout, bellows, spring and clamp.

Long Spout	Model No.	Description
	5900-01	Complete Assembly Kit-Unleaded*
	5900-02	Complete Assembly Kit-Leaded*
	5901	Bellows
	5902-01	Spout-Unleaded
	5902-02	Spout-Leaded
	5903	Bellows Spring Assembly

\* Includes long spout, bellows, spring and clamp.

### ACCESSORIES

2879	Bellows Clamp
3364	Bellows Clamp Tool

### COAXIAL SAFE-T-BREAKS®

3360VR	Reconnectable Safe-T-Break® (with vapor valve)
2715	10" Coaxial Hose
3990	Scuff Guard for 3360VR

GUARDS	Model No.	Description
	5950	Full Grip Guard
	4190	Full Grip ReGuard



# HUSKY BREAKAWAY VALVES

## FOR VAPOR RECOVERY APPLICATIONS

### Model 3360VR

- All Husky Safe-T-Breaks stop the flow of fuel on both sides of the separation.
- For balance systems: coaxial hoses with fuel "inside" hose, vapor return in "outside" hose.
- Easily reconnectable. Meets U.L. Std. 567, Seventh Edition.
- Unique vapor valve stops vapors from escaping after a drive-away.
- Separates at less than 200 lbs. pull force to minimize backlash damage.
- Reconnects with only 10-12 lbs. force.
- Unique pre-loaded shock absorbing wave spring minimizes nuisance breaks.

### Model 4034

- For vapor assist systems: coaxial hoses with fuel "outside" hose, vapor return "inside" hose.
- Same features and benefits as Model 3360VR.

### Model 5134 (not shown)

- Service reconnectable for areas or sites requiring service technicians to reinstall.
- Snaps easily back together with reconnection tool (sold separately).
- Same style and design as Model 4034 including same fuel/vapor paths and separation force.

### SPECIFYING INFORMATION

Model Number	Description	Length in. (cm.)	Weight lbs. (kg.)
3360VR	Reconnectable Coaxial Safe-T-Break® For Balance and Amoco V-1 Systems	6.87 (17.46)	1.23 (.56)
4034	Inverted Coaxial Safe-T-Break® For Vapor Assist Systems	6.37 (16.19)	.93 (.42)
5134	Service Reconnectable Safe-T-Break® For Vapor Assist Systems	6.37 (16.19)	.93 (.42)

### CONSTRUCTION

Body	Aluminum
Seals	Viton® (Fluorocarbon)
Springs	Stainless Steel
Threads	<b>3360VR</b> – 1-7/8" x 12 <b>4034/5134</b> – M34 x 1.5

Stainless steel load and latch spring reverse mechanism.

Hardened stainless steel latch ring and balls.

### PATENTS AND LISTINGS

Patent Nos. 4,827,977

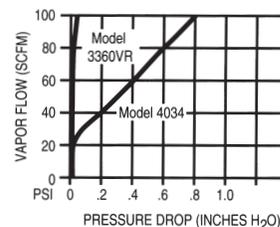
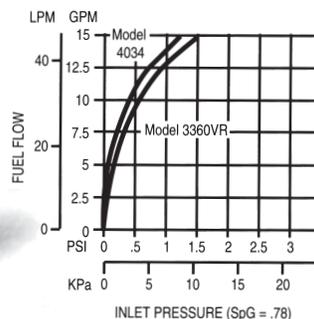
Listings U.L. C.A.R.B.

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Model 3360VR

Model 4034

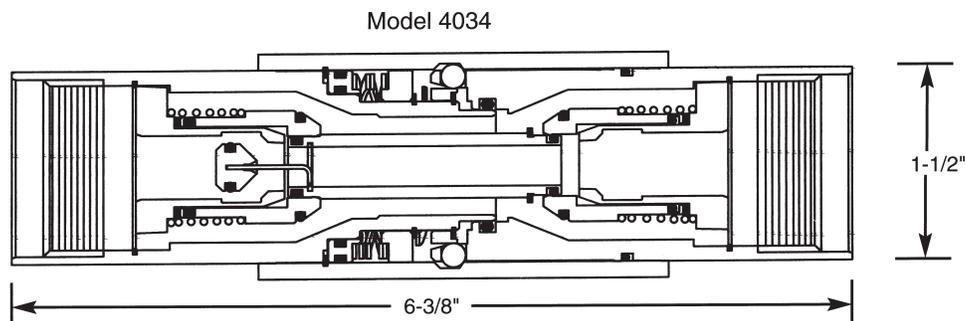
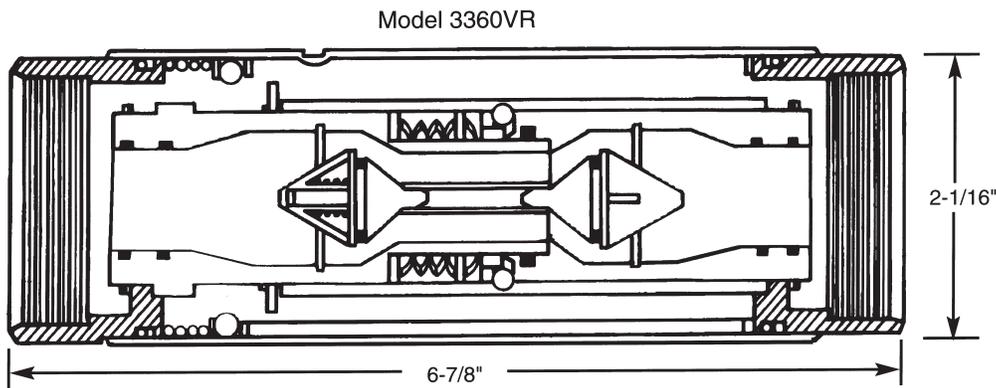


# HUSKY BREAKAWAY VALVES

## FOR VAPOR RECOVERY APPLICATIONS

- ACCESSORIES
- FEATURES
- DIMENSIONS

ACCESSORIES	Model No.	Description
	2715	10" Coaxial hose for 3360VR Safe-T-Break®
	3990	Scuff Guard for 3360VR Safe-T-Break®
	1551	Scuff Guard for 4034 Safe-T-Break®
	5172	Assembly Tool for 5134 Safe-T-Break®
	5164	O-Ring Kit for 5134 Safe-T-Break®

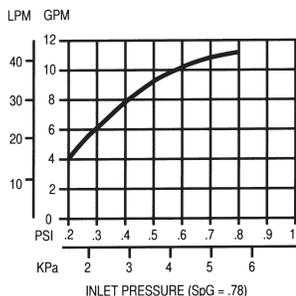


# HUSKY 4605

## SWIVEL FOR INVERTED VAPOR RECOVERY SYSTEMS

**Swivel is compatible with most inverted vapor recovery systems**

- Model 4605 has 360° rotation at each swivel joint, and double o-rings at each swivel joint.
- Swivel can be installed at the nozzle, or mounted at the dispenser.
- Acetal bearings mean easy joint movement and eliminate metal-to-metal friction, thus extending swivel life.
- Swivel has two plane rotation.
- Exceptional flow rate and reduced back pressure.
- Lightweight and compact.



### SPECIFYING INFORMATION

Model Number	Description	Weight Lbs. (kg.)
4605	Inverted M34 x 1.5"	.98 (.44)

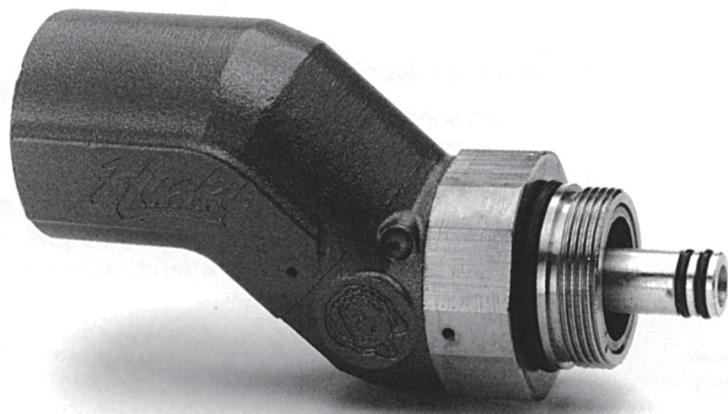
### CONSTRUCTION

Body	Zinc
Inlet Body	Aluminum
Swivel Nut	Electroless, Nickel Plated Aluminum
Inner O-ring	Fluorosilicone
Outer O-ring	Viton® (Fluorocarbon)
Threads	M34 x 1.5"

### LISTINGS

U.L. C.A.R.B.

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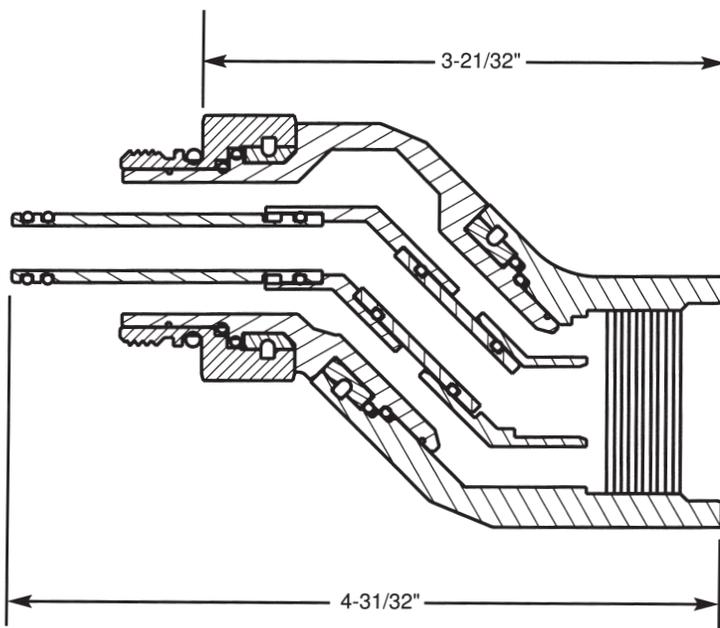


Model 4605

# HUSKY 4605

## SWIVEL FOR INVERTED VAPOR RECOVERY SYSTEMS

- ACCESSORIES
- FEATURES
- DIMENSIONS



# HUSKY 4885

## PRESSURE/VENT CAP FOR UST

### Three separate valves address pressure/vacuum conditions in storage tanks.

- Husky Model 4885 incorporates three separate valves to control over-pressure and vacuum conditions that arise in storage tanks. The three valve system provides the necessary protection and durability needed in a UST vent cap.
- The vacuum valve is diaphragm operated, and provides 10 times more sealing force than gravity devices. It consistently opens at 8" of water column (WC) vacuum.
- The first over-pressure valve is diaphragm operated, giving 10 times more sealing force than gravity devices. It opens at 3" of water column (WC) pressure.
- The safety over-pressure valve is designed to handle high pressure/high flow condi-

tions. This valve will vent up to 7900 SCFH at 2 psi.

- Model 4885 is certified to less than 1/3 of the new CARB EVR Standard CP-201, which allows installation of 3 P/V Vents maximum. Reduces installation time by not having to manifold the vent pipes together.
- The Model 4885 (Threaded) Vent Cap easily installs by using the cast on hex nut. Allows tightening without having to go between vent pipes.
- The Model 4620 Slip On Vent Cap, which has same features as Model 4885, has a main pliable seal that seals to the vent stack, and provides leakproof protection. The seal is at the end of the vent stack, not on the threads. Four stainless steel set screws grip the vent stack, preventing any loosening of the seal.

### SPECIFYING INFORMATION

Model Number	Description	Weight Lbs. (kg.)
4620	2" Slip-On Pressure Vent Cap	1.2 (.54)
*4885	2" Thread-On Pressure Vent Cap	1.2 (.54)

### CONSTRUCTION

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

### PATENTS AND LISTINGS

U.L. C.A.R.B. \*EVR E.O. VR.101.A

Patents Pending



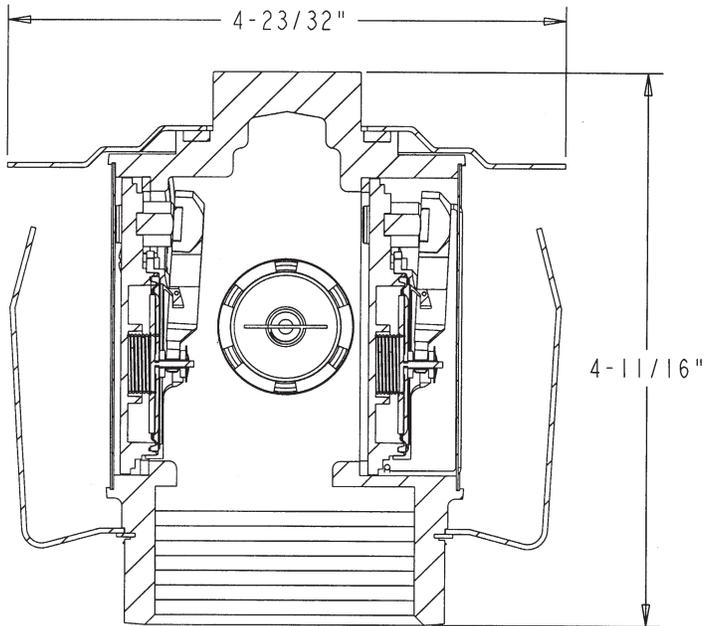
Model 4885

# HUSKY 4885

## PRESSURE/VENT CAP FOR UST

- ACCESSORIES
- FEATURES
- DIMENSIONS

ADAPTER	Model No.	Description
	5041	3" Thread to 2" Thread Pipe Adapter



3" Water Pressure Valve Shown Open



## PRESSURE ACTIVATED AUTOMATIC NOZZLE

### Husky X Nozzle:

- Pressure activated nozzle for self-service, full service and unattended stations.
- Nozzle comes with smooth Full Grip Guard. Waffle Splash Guard (shown) is optional.
- Husky X nozzle shuts off:
  - when the pump shuts off.
  - when the gas tank is full.
  - when the lever is opened before the pump is turned on.
  - when the leak detector has not completed its test cycle.
- Aluminum reinforced spout bushing keeps spout tip round, and acts as a captive fastener to prevent tip-end sensor damage.

- Standard Flo-Equalizer regulates flow to 10 GPM max.
- Nozzle is equipped with unique Flo-Stop device that shuts off nozzle if it falls from fill tank or raises above the horizontal.
- Optional polysulfide poppet disc seal helps prevent fuel leakage from main seal in extreme cold weather.



Shown with optional Waffle Splash Guard.

### SPECIFYING INFORMATION

Model Number	Fuel	Hold-open Clip	Weight Lbs. (kg.)	Thread
159504	Unleaded	yes	2.6 (1.18)	NPT
159508	Unleaded	no	2.6 (1.18)	NPT
159503	Leaded	yes	2.7 (1.22)	NPT
159507	Leaded	no	2.7 (1.22)	NPT
159516	Unleaded	yes	2.6 (1.18)	BSP
159515	Leaded	yes	2.7 (1.22)	BSP
498104 (cold weather)	Unleaded	yes	2.6 (1.18)	NPT
498108 (cold weather)	Unleaded	no	2.6 (1.18)	NPT
498103 (cold weather)	Leaded	yes	2.7 (1.22)	NPT
498107 (cold weather)	Leaded	no	2.7 (1.22)	NPT

### CONSTRUCTION

Body	One piece die cast aluminum
Disc	Viton® (Fluorocarbon)
Packing	Double O-ring seal protected by fiber reinforced Teflon
Lever	One piece contoured steel with hard plastic cover
Inlet	3/4" NPT, BSP

Viton® is a registered trademark of DuPont Dow Elastomers.

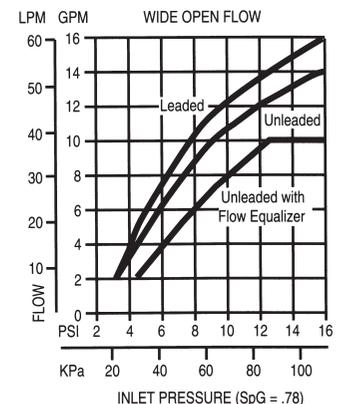
### PATENTS AND LISTINGS

Patent Nos. 4,658,987 4,825,916 301,366

Listings  US LISTED

 US LISTED

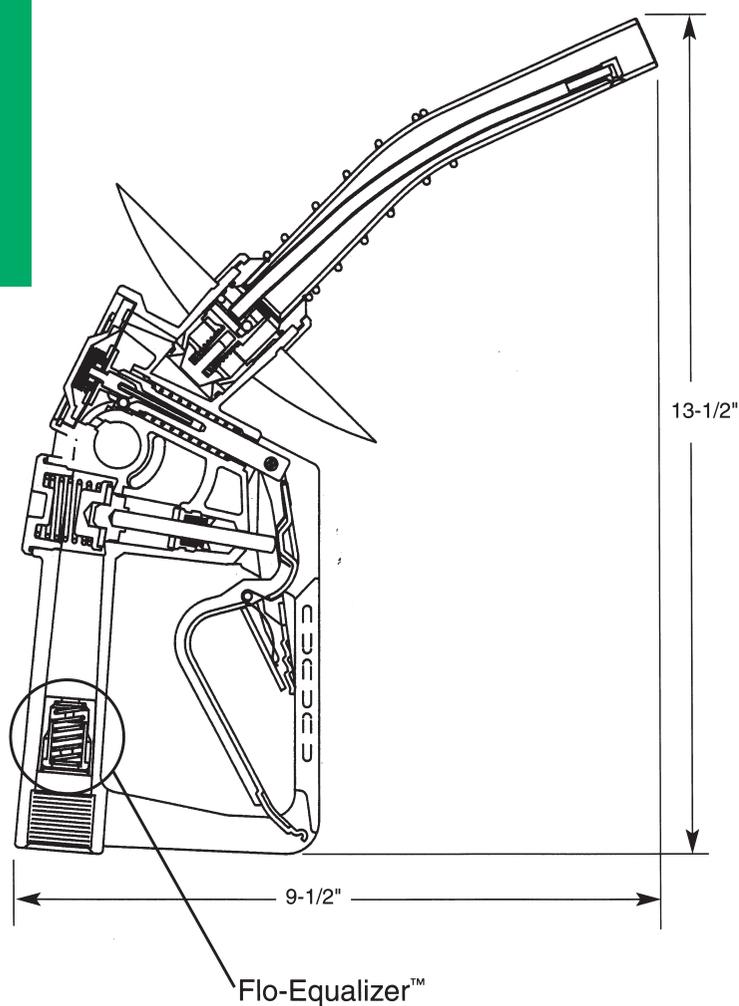
 ISO 9001 QUALITY SYSTEM



# HUSKY

## PRESSURE ACTIVATED AUTOMATIC NOZZLE

- ACCESSORIES
- FEATURES
- DIMENSIONS



### SAFE-T-BREAKS®

Model No.	Description
2273	3/4" F X 3/4" F NPT
3360	3/4" F X 3/4" F NPT (Reconnectable)

### SWIVELS

Model No.	Description
0350	3/4" M X 3/4" F Multi-plane
0355	3/4" M X 3/4" F Multi-plane (black body)
2272	3/4" M X 3/4" F 90° Pump Swivel

### SPOUTS

Model No.	Description
1473	Unleaded
1471	Leaded

### GUARDS

Model No.	Description
1806	Full Grip ReGuard
4145	Full Grip Guard (Smooth)
1808	Waffle Gas Guard
2573	Clip-on Trigger Cover

### GUARD PKGS.

Model No.	Description
1809	ReGuard Package
1506	Protection Package

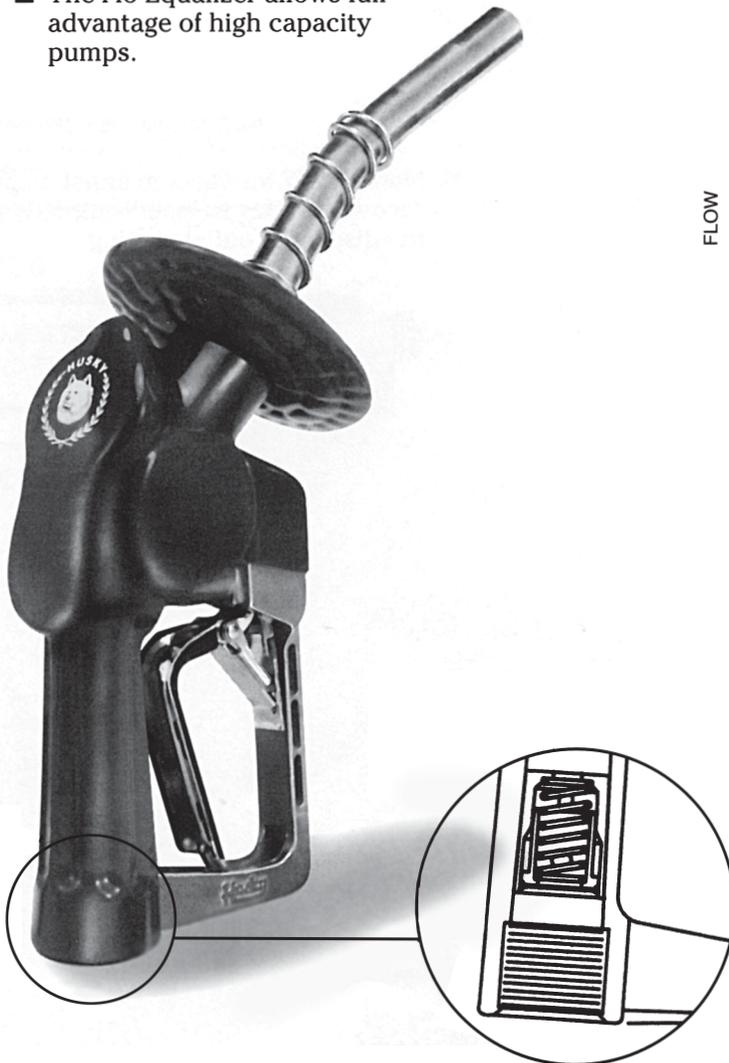


# HUSKY X, X<sup>S</sup>

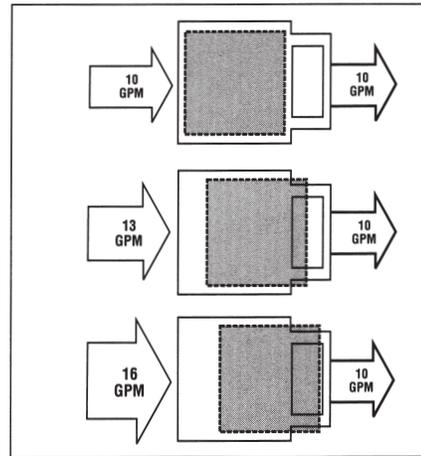
## NOZZLES WITH FLO-EQUALIZER™ FOR 10 GPM MAX.

### Husky X and X<sup>S</sup> Nozzles

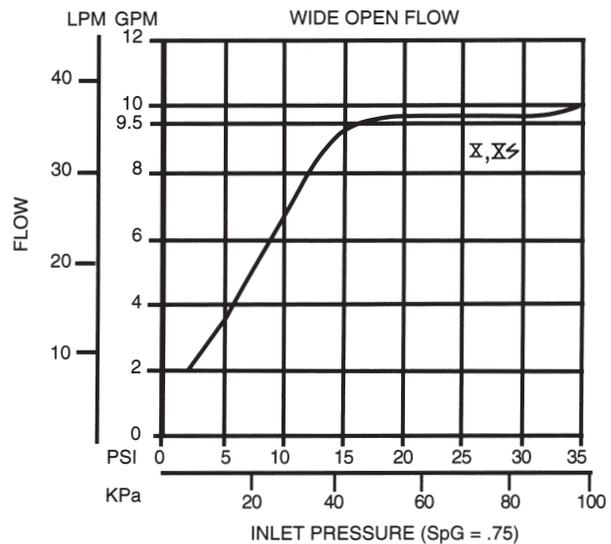
- Nozzles are equipped with a variable orifice, pressure compensating Flo-Equalizer.
- At low flow pressures, the Flo-Equalizer windows are wide open, permitting full flow when multiple vehicles are fueling.
- As flow pressures increase, such as when only one or two vehicles are fueling, the windows close, regulating the nozzles to a maximum flow of 10GPM.
- The Flo-Equalizer allows full advantage of high capacity pumps.



Flo-Equalizer At Work



Patent No. 4,825,916

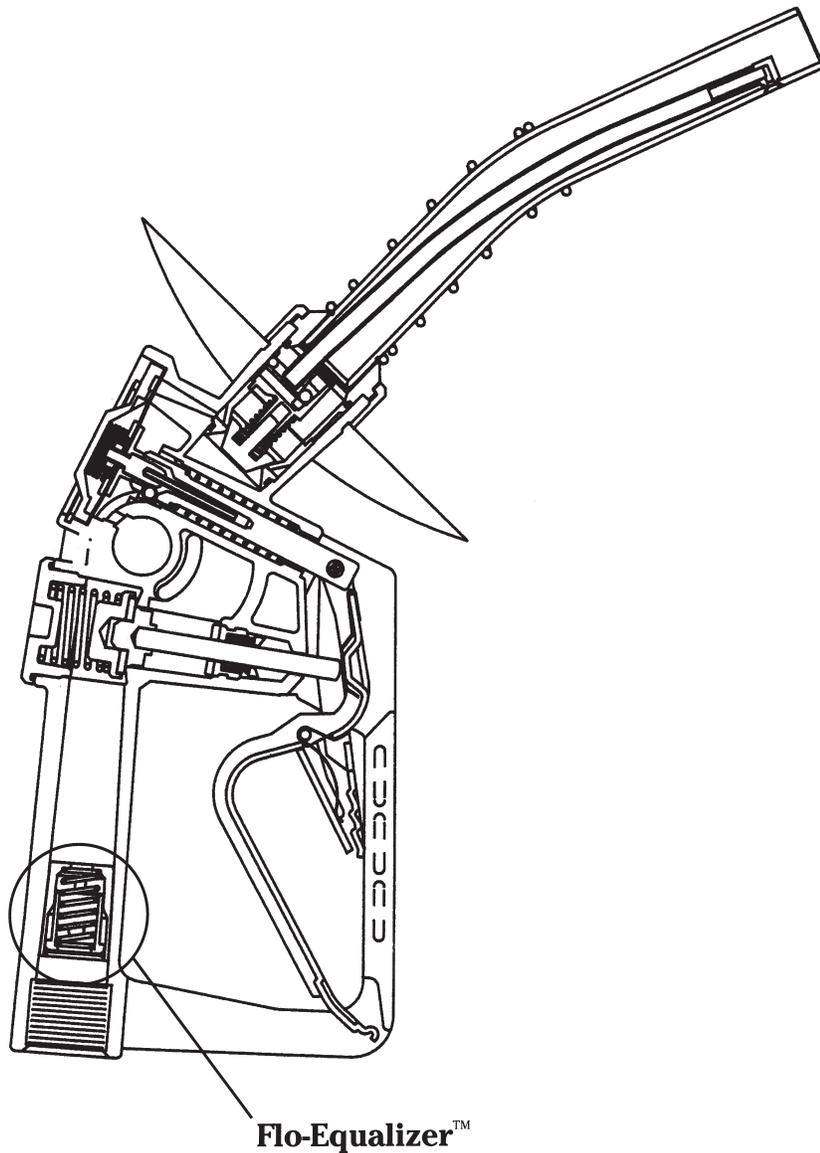


Husky X Automatic Nozzle, Model No. 1594  
 Husky X<sup>S</sup> Pressure Activated Nozzle, Model No. 1595  
 (See Catalog for detail.)



# HUSKY X, X<sup>S</sup>

## NOZZLES WITH FLO-EQUALIZER FOR 10 GPM MAX.

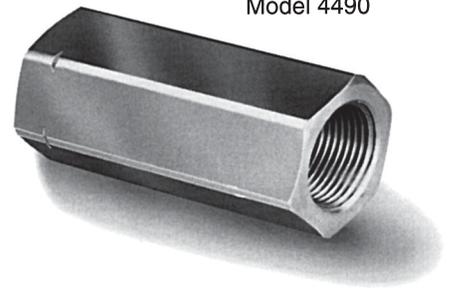


Flo-Equalizer™

### Husky Flo-Equalizer for Conventional or Vacuum Assist

- **Model 4490** for conventional, or vapor recovery systems. Installs in-line within the fuel line. The furnished nipple can be used in either end of the 4490 for correct installation.

Model 4490



- **Model 5837** for vacuum assist, vapor recovery systems. Installs directly into the dispenser outlet casting.

Model 5837



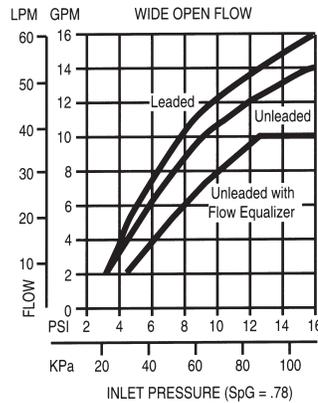
# HUSKY X<sup>2</sup> MATE

## PRESSURE ACTIVATED AUTOMATIC NOZZLE

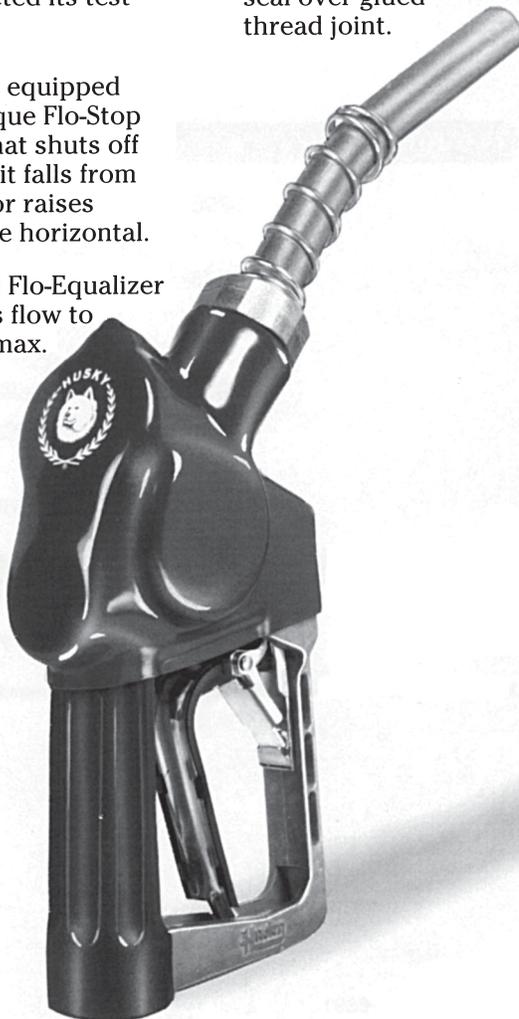
CONVENTIONAL FUELING

### Husky X<sup>2</sup> Mate Nozzle:

- Pressure shut-off nozzle for self-service, full service, and unattended stations.
- Nozzle comes with Mate Guard and black nylon snap-on handle cover.
- Husky X<sup>2</sup> Mate nozzle shuts off:
  - when the pump shuts off.
  - when the gas tank is full.
  - when the lever is opened before the pump is turned on.
  - when the leak detector has not completed its test cycle.
- Nozzle is equipped with unique Flo-Stop device that shuts off nozzle if it falls from fill tank or raises above the horizontal.
- Standard Flo-Equalizer regulates flow to 10 GPM max.



- Steel reinforced spout bushing keeps spout tip round, and acts as a captive fastener to prevent tip-end sensor damage.
- Swaged spout with O-ring offers superior seal over glued thread joint.



### SPECIFYING INFORMATION

Model Number	Fuel	Hold-open Clip	Weight Lbs. (kg.)	Thread
E159504	Unleaded	yes	2.5 (1.13)	NPT
E159508	Unleaded	no	2.5 (1.13)	NPT
E159503	Leaded	yes	2.6 (1.18)	NPT
E159507	Leaded	no	2.6 (1.18)	NPT
E159516	Unleaded	yes	2.5 (1.13)	BSP
E159515	Leaded	yes	2.6 (1.18)	BSP

### CONSTRUCTION

Body	One piece die cast aluminum
Disc	Viton (Fluorocarbon)
Packing	Double O-ring seal protected by fiber reinforced Teflon
Lever	One piece contoured steel with hard plastic cover
Inlet	3/4" NPT, BSP

### PATENTS AND LISTINGS

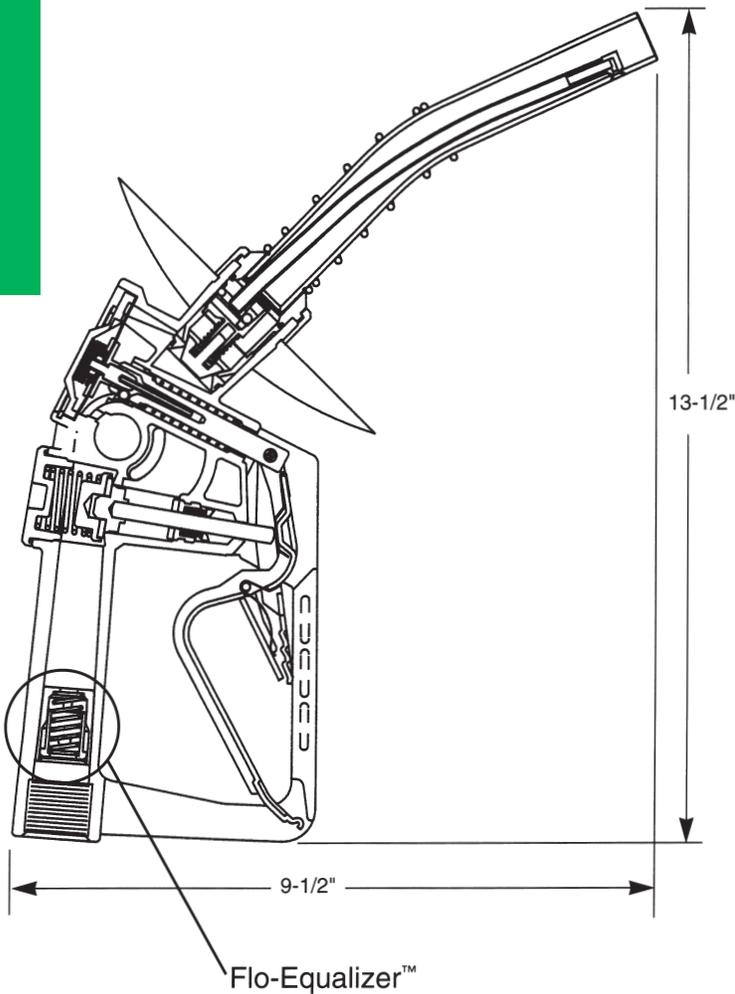
Patent Nos.	4,658,987	4,809,753	4,825,916	301,366
Listings	U.L.	U.L.C.	BASEEFA	



# HUSKY X<sup>2</sup> MATE

## PRESSURE ACTIVATED AUTOMATIC NOZZLE

- ACCESSORIES
- FEATURES
- DIMENSIONS



SAFE-T-BREAKS®	Model No.	Description
	2273	3/4"F X 3/4"F NPT
	3360	3/4"F X 3/4"F NPT (Reconnectable)

SWIVELS	Model No.	Description
	0350	3/4"M X 3/4"F Multi-plane
	0355	3/4"M X 3/4"F Multi-plane (black body)
	2272	3/4"M X 3/4"F 90° Pump Swivel

SPOUTS	Model No.	Description
	1473	Unloaded
	1471	Loaded

GUARDS	Model No.	Description
	3795	Mate Guard
	3376	Black nylon snap-on Handle Cover
	1808	Waffle Gas Guard (Optional)
	2573	Clip-on Trigger Cover

GUARD PKGS.	Model No.	Description
	3440	Easy-on Package

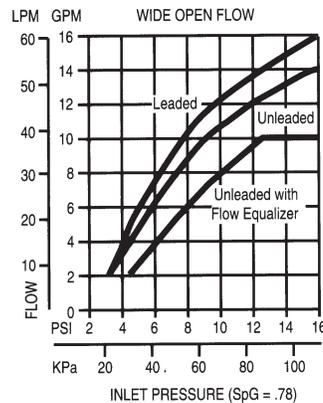


# HUSKY X

## AUTOMATIC SHUT-OFF NOZZLE

### Husky X Nozzle:

- Automatic shut-off nozzle.
- Husky X 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.
- Nozzle comes with smooth Full Grip Guard. Waffle Splash Guard (as shown) is optional.
- Steel reinforced spout bushing keeps spout tip round, and acts as a captive fastener to prevent tip-end sensor damage.



- Standard Flo-Equalizer regulates flow to 10 GPM max.



### SPECIFYING INFORMATION

Model Number	Fuel	Hold-open Clip	Weight Lbs. (kg.)	Thread
159404	Unleaded	yes	2.5 (1.13)	NPT
159408	Unleaded	no	2.5 (1.13)	NPT
159403	Leaded	yes	2.6 (1.58)	NPT
159407	Leaded	no	2.6 (1.58)	NPT
159416	Unleaded	yes	2.5 (1.13)	BSP
159415	Leaded	yes	2.6 (1.58)	BSP

### CONSTRUCTION

Body	One piece die cast aluminum
Disc	Viton® (Fluorocarbon)
Packing	Double O-Ring seal protected by Fiber Reinforced Teflon
Lever	One piece contoured steel with hard plastic cover
Inlet	3/4" NPT, BSP

### PATENTS AND LISTINGS

Patent Nos.	4,825,916 D301366
Listings	U.L. U.L.C.

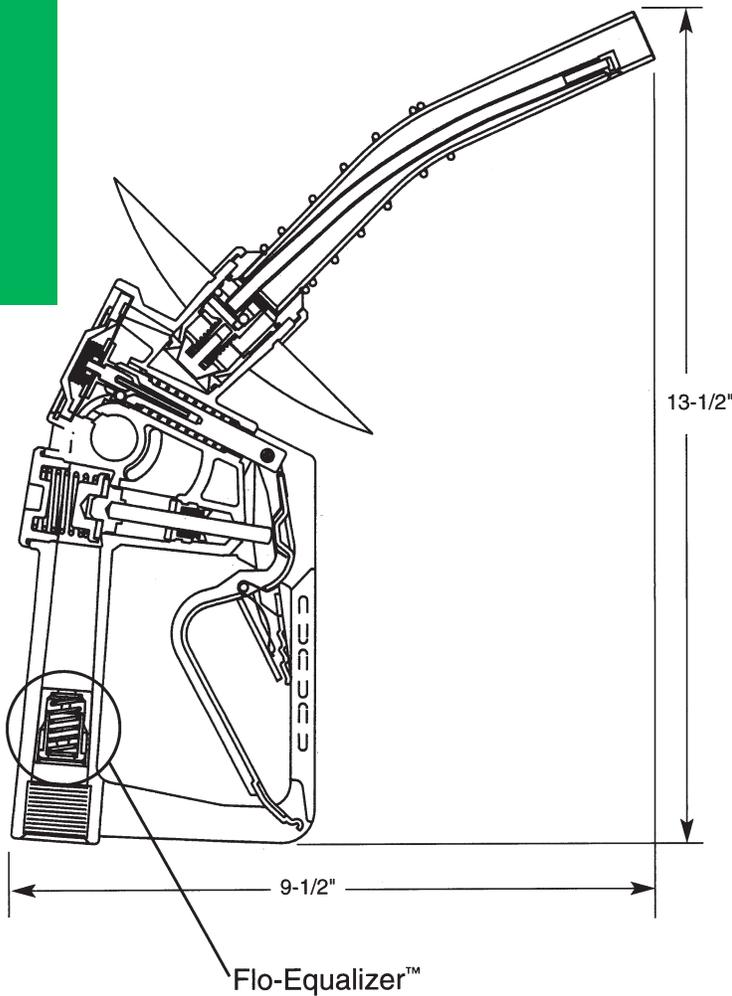
Viton® is a registered trademark of DuPont Dow Elastomers



# HUSKY X

## AUTOMATIC SHUT-OFF NOZZLE

- ACCESSORIES
- FEATURES
- DIMENSIONS



SAFE-T-BREAKS®	Model No.	Description
	2273	3/4"F x 3/4"F NPT
	3360	3/4"F x 3/4"F NPT (Reconnectable)

SWIVELS	Model No.	Description
	0350	3/4"M x 3/4"F Multi-plane
	0355	3/4"M x 3/4"F Multi-plane (black body)
	2272	3/4"M x 3/4"F 90° Pump Swivel

SPOUTS	Model No.	Description
	1473	Unleaded
	1471	Leaded

GUARDS	Model No.	Description
	4145	Full Grip Guard (smooth)
	1806	Full Grip ReGuard
	1808	Waffle Gas Guard
	2573	Clip-on Trigger Cover

GUARD PKGS.	Model No.	Description
	1809	ReGuard Package
	1506	Protection Package

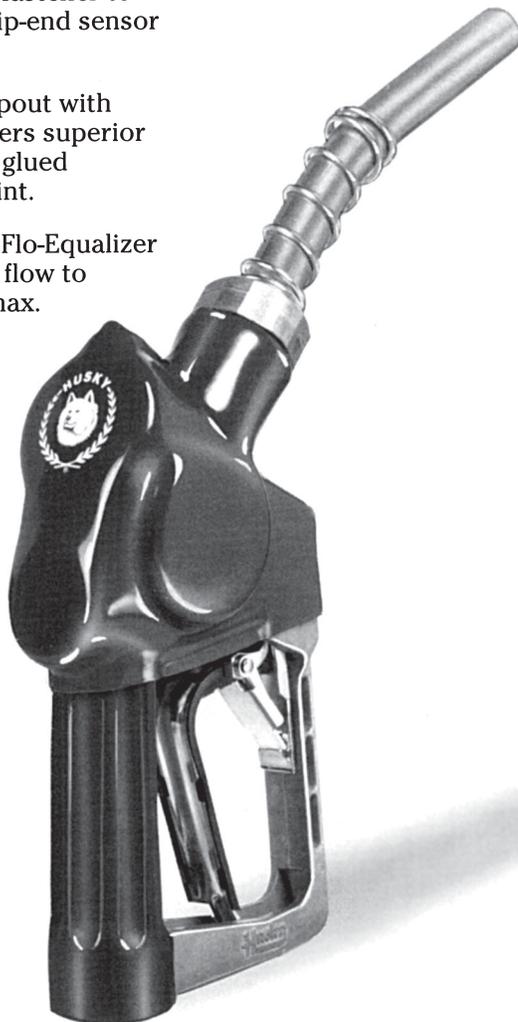
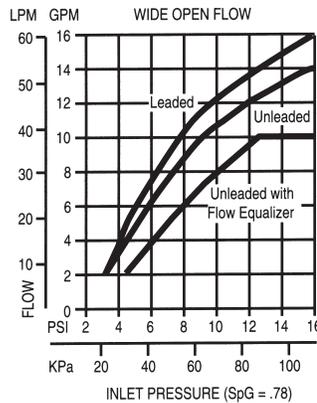


# HUSKY X MATE

## AUTOMATIC SHUT-OFF NOZZLE

### Husky X Mate Nozzle:

- Automatic shut-off nozzle.
- Nozzle comes with Mate Guard and black nylon, snap-on Handle Cover.
- Nozzle is equipped with unique Flo-Stop device that shuts off nozzle if it falls from fill tank or raises above the horizontal.
- Steel reinforced spout bushing keeps spout tip round, and acts as a captive fastener to prevent tip-end sensor damage.
- Swaged spout with O-ring offers superior seal over glued thread joint.
- Standard Flo-Equalizer regulates flow to 10 GPM max.



### SPECIFYING INFORMATION

Model Number	Fuel	Hold-open Clip	Weight Lbs. (kg.)	Thread
E159404	Unleaded	yes	2.4 (1.09)	NPT
E159408	Unleaded	no	2.4 (1.09)	NPT
E159403	Leaded	yes	2.5 (1.13)	NPT
E159407	Leaded	no	2.5 (1.13)	NPT
E159416	Unleaded	yes	2.4 (1.09)	BSP
E159415	Leaded	yes	2.5 (1.13)	BSP

### CONSTRUCTION

Body	One piece die cast aluminum
Disc	Viton (Fluorocarbon)
Packing	Double O-ring seal protected by fiber reinforced Teflon
Lever	One piece contoured steel with hard plastic cover
Inlet	3/4" NPT, BSP

### PATENTS AND LISTINGS

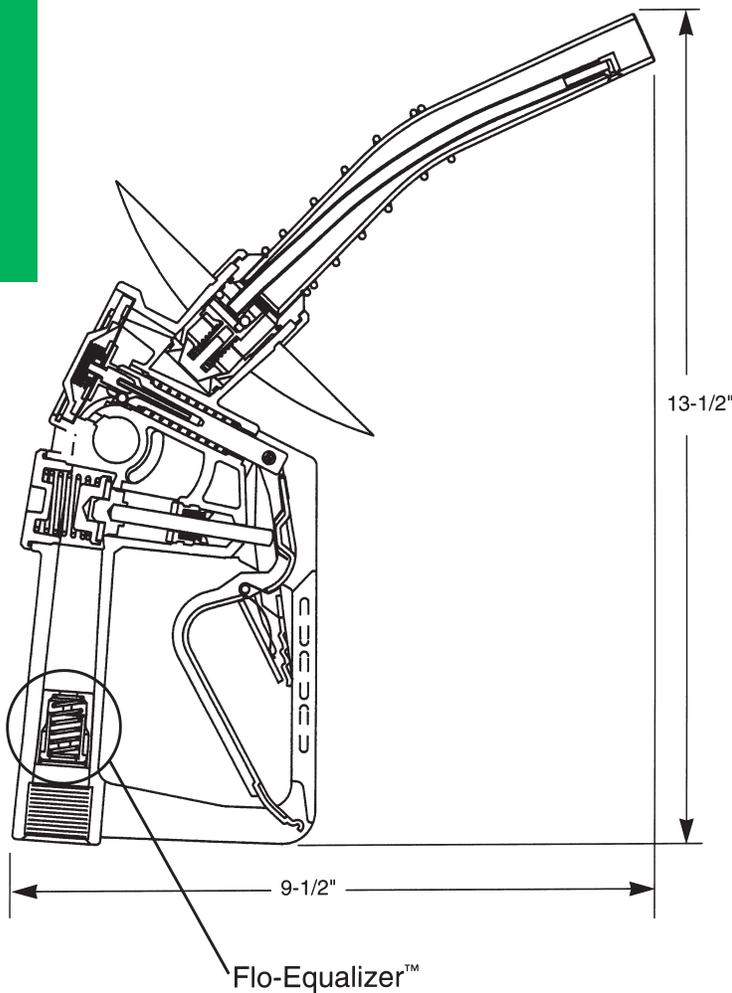
Patent Nos.	4,825,916	301,366
Listings	U.L. U.L.C.	BASEEFA



# HUSKY X MATE

## AUTOMATIC SHUT-OFF NOZZLE

- ACCESSORIES
- FEATURES
- DIMENSIONS



SAFE-T-BREAKS®	Model No.	Description
	2273	3/4"F X 3/4"F NPT
	3360	3/4"M X 3/4"F NPT (Reconnectable)

SWIVELS	Model No.	Description
	0350	3/4"M X 3/4"F Multi-plane
	0355	3/4"M X 3/4"F Multi-plane (black body)
	2272	3/4"M X 3/4"F 90° Pump Swivel

SPOUTS	Model No.	Description
	1473	Unleaded
	1471	Leaded

GUARDS	Model No.	Description
	3795	Mate Guard
	3376	Black nylon snap-on Handle Cover
	1808	Waffle Gas Guard (Optional)
	2573	Clip-on Trigger Cover

GUARD PKGS.	Model No.	Description
	3440	Easy-on Package

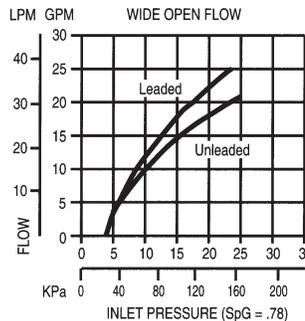


# HUSKY 1-A

## AUTOMATIC SHUT-OFF NOZZLE

### Husky 1-A Nozzle:

- Automatic shut-off nozzle.
- Nozzle is equipped with unique Flo-Stop device that shuts off nozzle if it falls from fill tank or raises above the horizontal.
- Nozzle comes with Full Grip Guard. Waffle Splash Guard (not shown) is optional.
- Inlet size 1" (3/4" reducer bushing optional).



### SPECIFYING INFORMATION

Model Number	Fuel	Hold-open Clip	Weight Lbs. (kg.)	Thread
209804	Unleaded	yes	2.9 (1.31)	NPT
209808	Unleaded	no	2.9 (1.31)	NPT
209803	Leaded	yes	2.9 (1.31)	NPT
209807	Leaded	no	2.9 (1.31)	NPT
209816	Unleaded	yes	2.9 (1.31)	NPT
209815	Leaded	yes	2.9 (1.31)	NPT

### CONSTRUCTION

Body	Die Cast Aluminum
Disc	Viton® (Fluorocarbon)
Packing	Double O-Ring Seal Protected by Fiber Reinforced Teflon
Lever	One piece contoured steel with hard plastic cover
Inlet	1" NPT, BSP

### PATENTS AND LISTINGS

Patent Nos.	4,809,753
Listings	U. L.

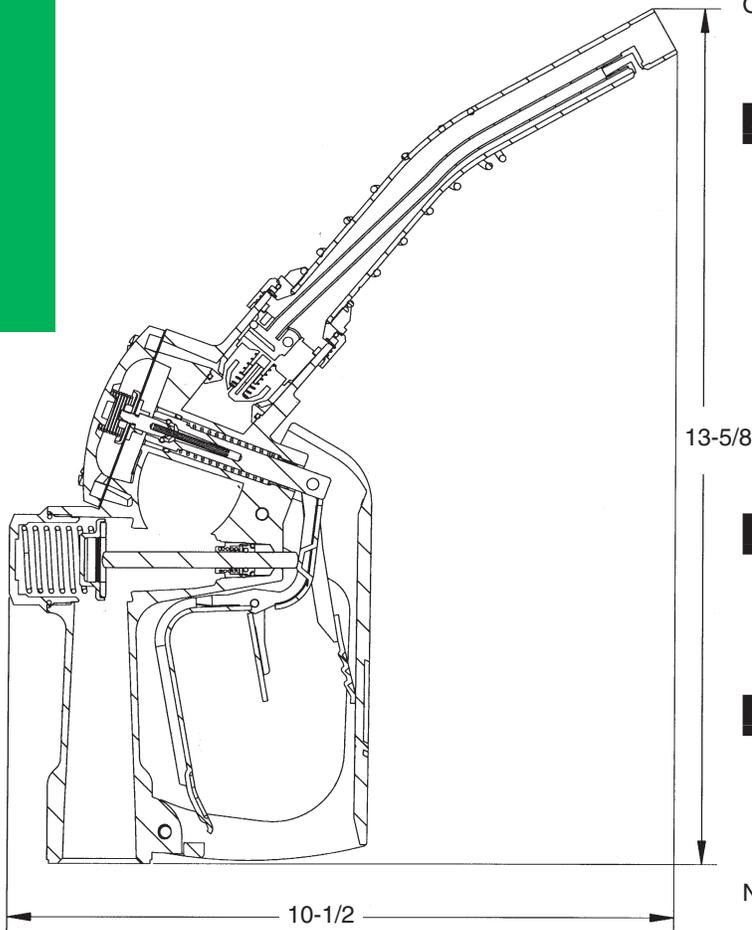
Viton® is a registered trademark of DuPont Dow Elastomers



# HUSKY 1-A

## AUTOMATIC SHUT-OFF NOZZLE

- ACCESSORIES
- FEATURES
- DIMENSIONS



### SPOUTS

	Model No.	Description
New Style	1473	Unleaded
	1471	Leaded
Old Style	0738	Unleaded
	0736	Leaded

### SWIVELS

Model No.	Description
0087	1"M x 1"F
0350	3/4"M x 3/4"F (Use w/reducer bushing)
0095	1"M x 1"F 70° Pump Swivel
4860	1" x 1" High Flow

### SAFE-T-BREAKS®

Model No.	Description
2276	1"F x 1"F NPT
3360	3/4"F x 3/4"F NPT

### GUARDS

	Model No.	Description
New Style	0554	Full Grip Guard
	1804	Full Grip ReGuard
	1808	Waffle Gas Guard
Old Style	1807	Waffle Gas Guard
	2573	Clip-on Trigger Cover

### GUARD PKGS.

Model No.	Description
1811	ReGuard Package
0099	Protection Package



# HUSKY BREAKAWAY VALVES

## FOR STANDARD FUELING APPLICATION

CONVENTIONAL FUELING

### Husky Model 3360 Reconnectable Safe-T-Break®

- U.L. Listed to Std. 567, Seventh Edition
- All Husky Safe-T-Breaks® stop the flow of fuel on both sides of the separation.
- Unit features unusual interface between a pre-loaded spring and a single turn wave spring that enables valve to resist sudden pressure build-up in hose and resultant nuisance separations.
- Unit separates at less than 200 lbs. pull force, which minimizes “backlash” force of separation, reducing damage to equipment.
- Model 3360 is reconnectable and retains U.L. listing after reconnecting.
- The 3360 Reconnectable Safe-T-Break® passed demanding U.L. test requirements on separations without unit leaking or failing.

### Husky Model 2273 Safe-T-Break®

- All Husky Safe-T-Breaks® stop the flow of fuel on both sides of the separation.
- Unit is lightweight, inexpensive and disposable.
- Features same instant-closing dual poppet check valve design as the Model 3360.
- Maximum separation 250 lbs. pull force.

### SPECIFYING INFORMATION

Model Number	Description	Length In. (cm.)	Weight Lbs. (kg.)
3360	3/4" F X 3/4" F NPT Reconnectable Safe-T-Break®	4.62 (11.7)	.53 (.24)
2273	3/4" F X 3/4" F NPT Safe-T-Break®	3.43 (8.7)	.69 (.31)

### CONSTRUCTION

#### Model 3360

Body	Aluminum
Seals	Viton® (Fluorocarbon)
Springs	Stainless Steel
Threads	3/4" NPT, BSP
Stainless steel load and latch spring reverse mechanism.	
Hardened stainless steel latch ring and balls.	

#### Model 2273

Body	Zinc alloys to prevent galvanic corrosion
Threads	3/4" NPT, BSP

### PATENTS AND LISTINGS

Patent Nos. 4,827,977 4,667,883 4,828,183

Listings 

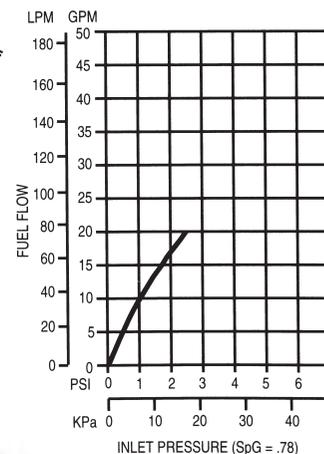
Viton® is a registered trademark of DuPont Dow Elastomers.



Model 3360



Model 2273



# HUSKY BREAKAWAY VALVES

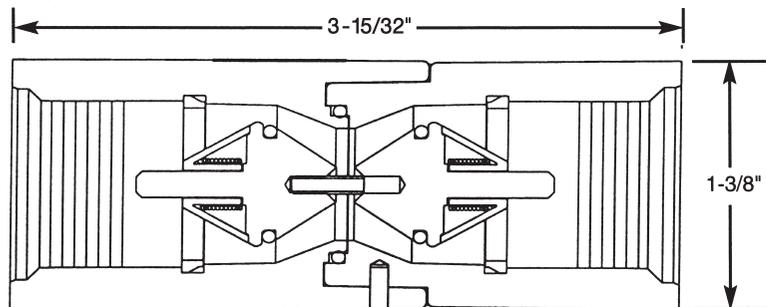
## FOR STANDARD FUELING APPLICATION

- ACCESSORIES
- FEATURES
- DIMENSIONS

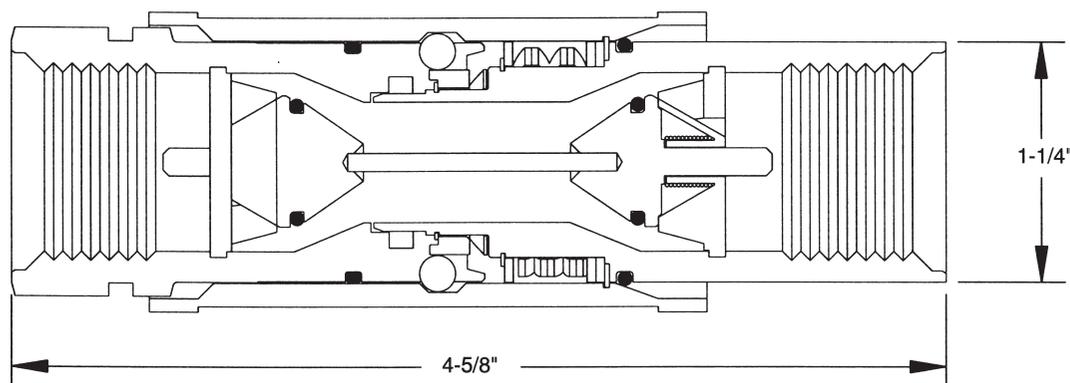
### ACCESSORIES

Model No.	Use with Valve No.	Description
2274	3360, 2273	3/4" M x 3/4" M Hose
2275	3360, 2273	3/4" M x 3/4" M Swivel Hose
3096	3360	Scuff Guard

Model 2273



Model 3360

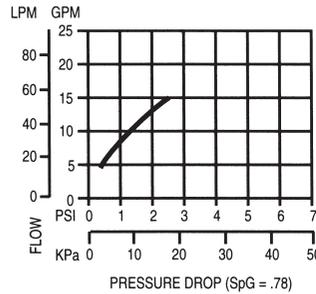


# HUSKY SWIVELS

## FOR STANDARD FUEL NOZZLES

### Husky VI Swivels:

- Multi-plane, full 360° spherical rotation for easy movement of nozzle.
- High flow rate due to laminar flow design.
- Compact and light weight for easy handling.
- Double O-ring seals at each swivel provide long life and low (-40°) temperature performance.
- Compatible with fuels containing alcohol.
- High strength step shoulder bearing diameters and impact absorbing stops.



### SPECIFYING INFORMATION

Model Number	Model Lbs. (kg.)	Description	Weight
VI	0350	Multi-plane 3/4"M x 3/4"F	.43 (.20)
VI	0352	Multi-plane 1"M x 3/4"F	.43 (.20)
VI	0355	Multi-plane 3/4"M x 3/4"F (Black body)	.43 (.20)
VI	0356	Multi-plane 1"M x 3/4"F (Black body)	.43 (.20)
VI -90	2272	90° Pump Swivel 3/4"M x 3/4"F	.35 (.16)

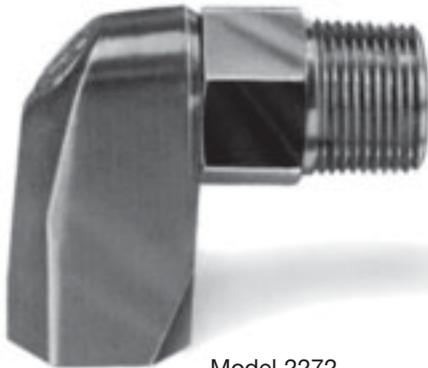
### CONSTRUCTION

Body	High Aluminum Zinc Alloy
Inner O-ring	Fluorosilicone
Outer O-ring	Viton® (Fluorocarbon)
Threads	3/4" NPT, BSP

### PATENTS AND LISTINGS

Patent Nos.	4,615,547 D268612 48,133 (Canada)
Listings	US LISTED

Viton® is a registered trademark of DuPont Dow Elastomers.



Model 2272



Model 0355  
Black

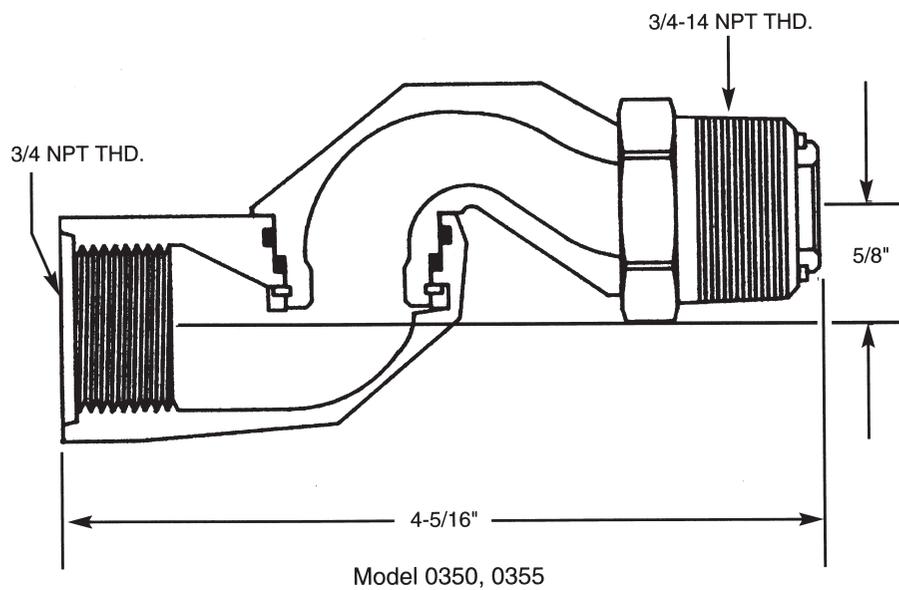
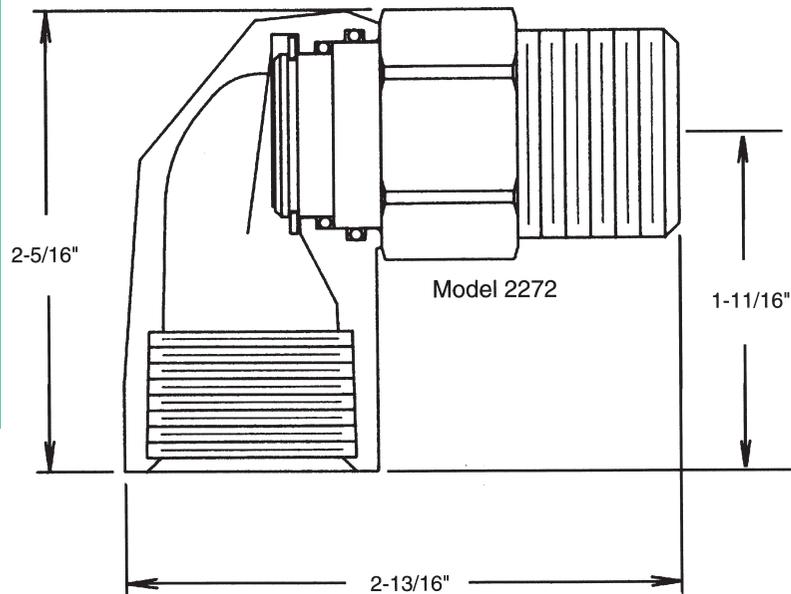


Model 0350

CONVENTIONAL FUELING

# HUSKY SWIVELS

## FOR STANDARD FUEL NOZZLES



## HIGH VOLUME PRESSURE ACTIVATED AUTOMATIC NOZZLE

### Husky VIII Nozzle:

- Automatic shut-off nozzles for Truck Stop and other High Volume applications.
- Pressure shut-off nozzle for unattended self-service and unattended stations.
- Husky VIII nozzle shuts off:
  - when the pump shuts off.
  - when the gas tank is full.
  - when the lever is opened before the pump is turned on.
  - when the leak detector has not completed its test cycle.
- Flow rates up to 75 GPM.
- Nozzle is equipped with unique Flo-Stop device that shuts off nozzle if it falls from fill tank or raises above the horizontal.
- 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.
- Full Grip handguard and Waffle Splash Guard standard on all nozzles.
- Old spout style without bushing available on request.



### SPECIFYING INFORMATION

Model Number	Fuel	Hold-open Clip	Weight Lbs. (kg.)	Thread
177610	Diesel or Gasoline	yes	4.2 (1.91)	NPT
177638	Diesel or Gasoline	yes	4.2 (1.91)	BSP
504010 (w/o bushing)	Diesel or Gasoline	yes	4.0 (1.81)	NPT

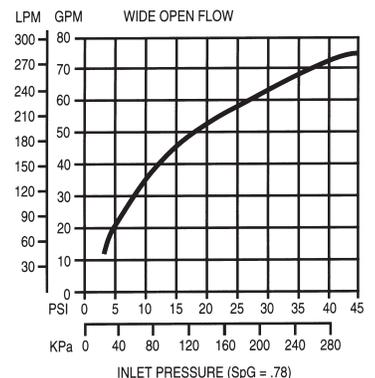
### CONSTRUCTION

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.	

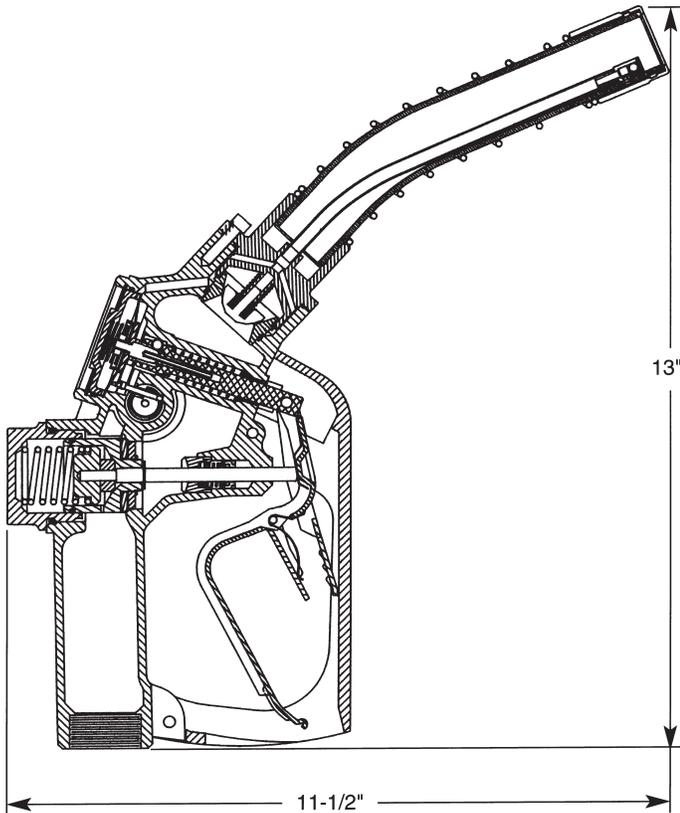
Viton® is a registered trademark of DuPont Dow Elastomers.



# HUSKY

## HIGH VOLUME PRESSURE ACTIVATED AUTOMATIC NOZZLE

- ACCESSORIES
- FEATURES
- DIMENSIONS



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

SWIVELS	Model No.	Description
	4860	1"M x 1"F High Flow
	0087	1"M x 1"F
	0095	1"M x 1"F 70° Pump Swivel

SPOUTS	Model No.	Description
	2279	High Flow With Bushing
	5017	High Flow Without Bushing

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

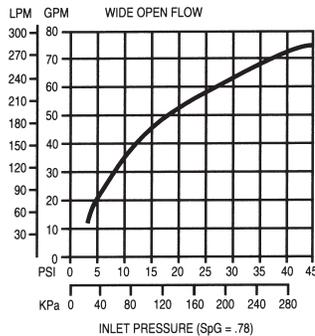


# HUSKY VIII

## 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.

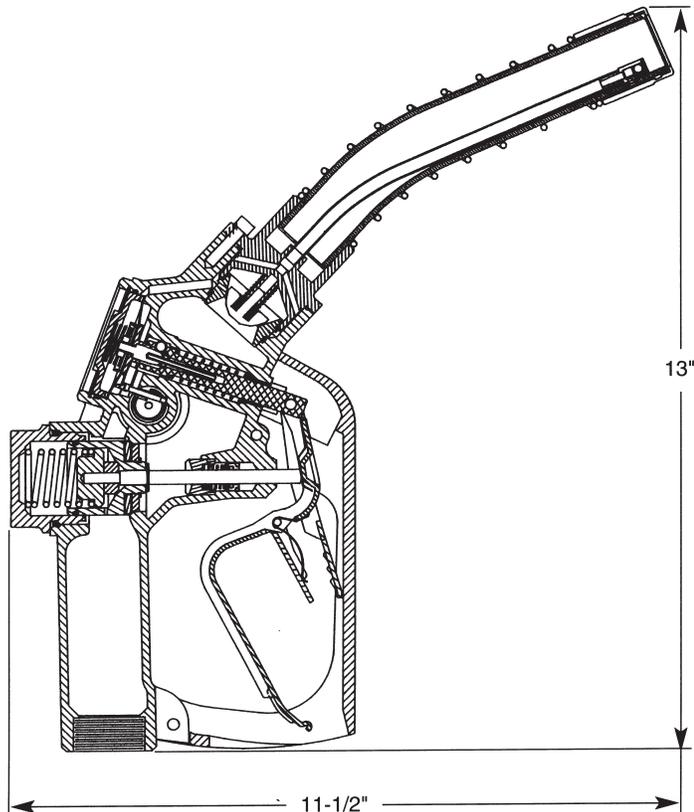
Viton® is a registered trademark of DuPont Dow Elastomers.



# 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

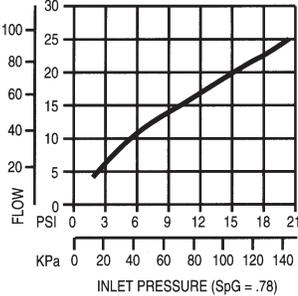


# HUSKY 1-HS

## AUTOMATIC SHUT-OFF NOZZLE

### Husky 1-HS Nozzle:

- Truck stop nozzle with single poppet, high flow nozzle for up to 25 GPM dispensing.
- Full nozzle guard and lever cover protect vehicle and nozzle, and insulate customers' hands from the elements.
- Accu-Flo poppet allows accurate, "to-the-penny" fuel dispensing.



### SPECIFYING INFORMATION

Model Number	Fuel	Hold-open Clip	Weight Lbs. (kg.)	Thread
026810	Diesel or Gasoline	yes	2.92 (1.32)	NPT
026812	Diesel or Gasoline	no	2.92 (1.32)	NPT
026838	Diesel or Gasoline	yes	2.92 (1.32)	BSP

### CONSTRUCTION

Body	Die Cast Aluminum
Disc	Viton® (Fluorocarbon)
Packing	Double O-Ring Seal Protected by Fiber Reinforced Teflon
Lever	One piece contoured steel with hard plastic cover
Inlet	1" NPT, BSP

### PATENTS AND LISTINGS

Patent Nos.	4,809,753
Listings	U.L. U.L.C.

Viton® is a registered trademark of DuPont Dow Elastomers

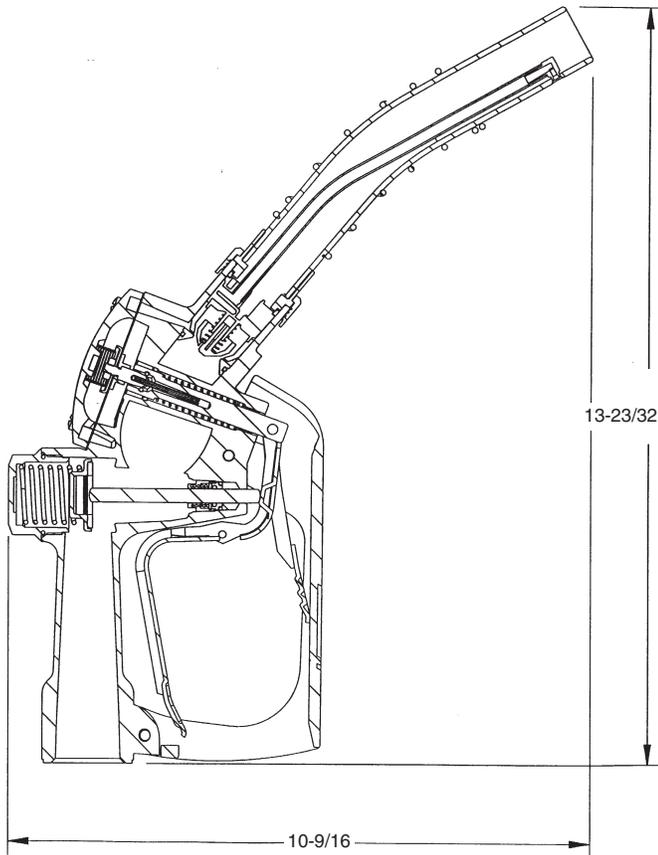


TRUCK & HIGH VOLUME

# HUSKY 1-HS

## AUTOMATIC SHUT-OFF NOZZLE

- ACCESSORIES
- FEATURES
- DIMENSIONS



### SPOUTS

	Model No.	Description
New Style	5215	High Flow
Old Style	0740	High Flow

### SWIVELS

Model No.	Description
0087	1"M x 1"F
0095	1"M x 1"F 70° Pump Swivel
4860	1" x 1" High Flow

### SAFE-T-BREAKS®

Model No.	Description
2276	1"F x 1"F NPT

### GUARDS

	Model No.	Description
	0554	Full Grip Guard
	1804	Full Grip ReGuard
	2573	Clip-on Trigger Cover
New Style	1808	Waffle Gas Guards
Old Style	1807	Waffle Gas Guards

### GUARD PKGS.

Model No.	Description
1811	ReGuard Package
0099	Protection Package

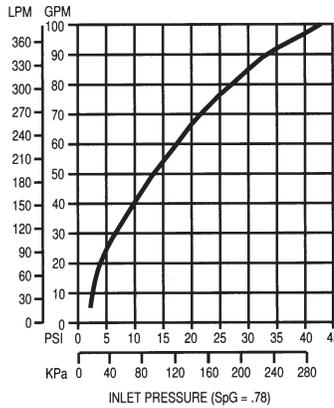


# HUSKY 1690

## HIGH VOLUME AUTOMATIC SHUT-OFF NOZZLE

**Husky Model 1690 provides 100 GPM; 30% lighter than similar nozzles**

- Model 1690 is designed with extra large hand opening to accommodate gloves or mittens.
- Check valve is in nozzle body, not the spout, for inexpensive, fast spout replacement.
- Self-adjusting stem packing. No field adjustment is required.
- Automatic shut-off, with dual poppets for easy opening.
- Two position hold-open latch.
- Right angle design allows nozzle to "fit" close to walls and corners.
- Cast-in protective standoffs provide durability with rough usage.
- Model 1691 available for Canada. 1691 has all features listed above, plus CUL approved spout.



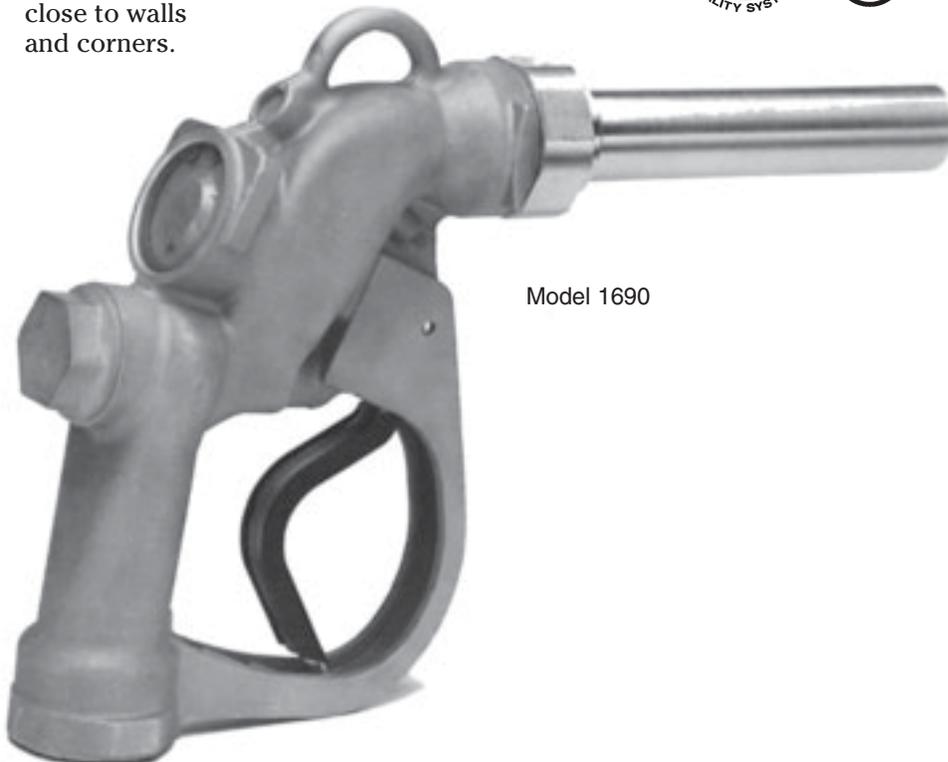
### SPECIFYING INFORMATION

Model Number	Fuel	Hold-open Clip	Weight Lbs. (kg.)
<b>169010 (U.S.)</b>	Diesel or Gasoline	yes	3.96 (1.79)
<b>169110 (Canada)</b>	Diesel or Gasoline	yes	3.96 (1.79)

### CONSTRUCTION

Body	Die Cast Aluminum
Disc	Viton® (Fluorocarbon)
Packing	Double O-Ring seal protected by Fiber Reinforced Teflon
Lever	One piece contoured steel with hard plastic cover
Inlet	1-1/2" NPT, BSP
Outlet	1-3/8" O.D. Spout

Viton® is a registered trademark of DuPont Dow Elastomers



Model 1690

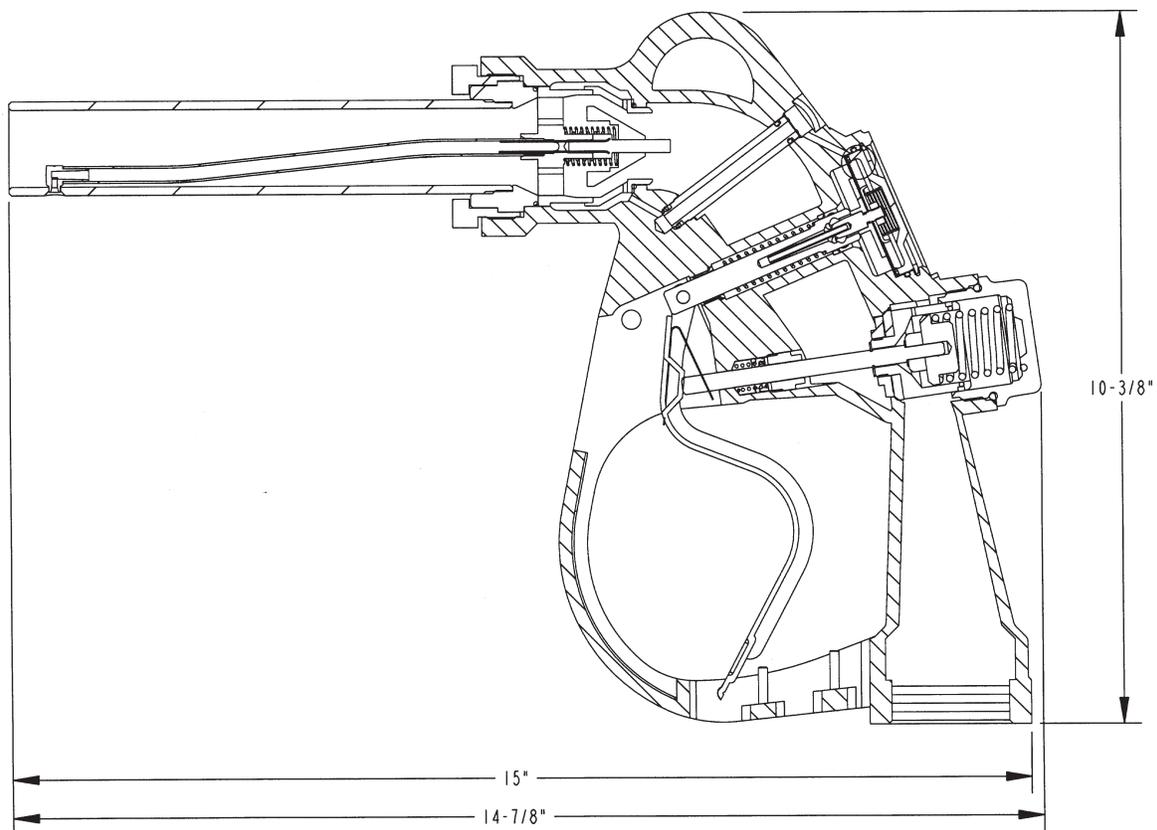
# HUSKY 1690

## HIGH VOLUME AUTOMATIC SHUT-OFF NOZZLE

- ACCESSORIES
- FEATURES
- DIMENSIONS

SPOUTS	Model No.	Description
	4889	1-3/8" O.D. Replacement Spout for U.S. Model 1690.
	5042	1-3/8" O.D. Replacement Spout for Canadian Model 1691.

HIGH FLOW SWIVEL	Model No.	Description
	5266	1-1/2" x 1-1/2"
	5235	1-1/4" x 1-1/4"

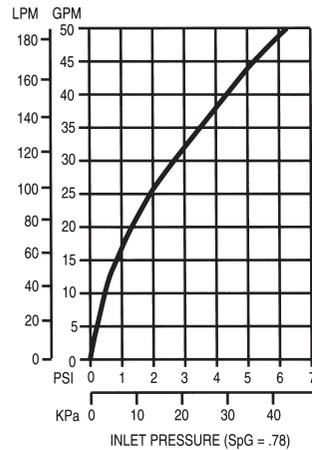


# HUSKY BREAKAWAY VALVES

## FOR TRUCK AND HIGH VOLUME FUELING

### Husky Model 2276 Safe-T-Break®

- All Husky Safe-T-Breaks® stop the flow of fuel on both sides of the separation.
- Internal pressure balancing chamber prevents “line shock” nuisance separations.
- Separates at less than 200 lbs. pull force which minimizes “back lash” force of separations, reducing damage to equipment.
- Unit quickly and easily snaps back together after driveaway break.



- Unit retains U.L. listing after separation and reconnecting.

### SPECIFYING INFORMATION

Model Number	Description	Weight Lbs. (kg.)
2276	1" F x 1" F NPT Reconnectable Safe-T-Break®	.71 (.32)

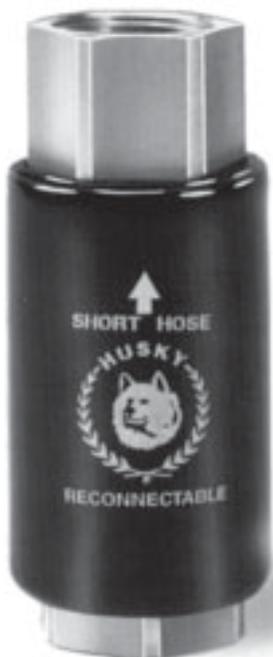
### CONSTRUCTION

Body	Aluminum
Seals	Viton® (Fluorocarbon)
Springs	Stainless Steel
Threads	1" NPT, BSP
Stainless steel load and latch spring reverse mechanism.	
Hardened stainless steel latch ring and balls.	

### PATENTS AND LISTINGS

Patent Nos.	4,827,977
Listings	US LISTED

Viton® is a registered trademark of DuPont Dow Elastomers.



Model 2276

TRUCK & HIGH VOLUME

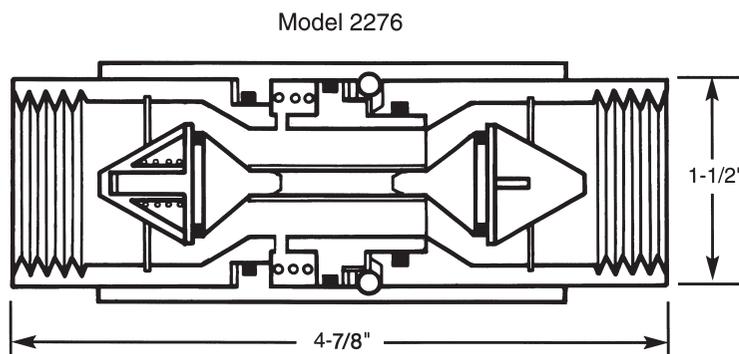
# HUSKY BREAKAWAY VALVES

## FOR TRUCK AND HIGH VOLUME FUELING

- ACCESSORIES
- FEATURES
- DIMENSIONS

### ACCESSORIES

Model No.	Use with Valve No.	Description
2277	2276	1" M x 1" M Hose
1551	2276	Scuff Guard



# HUSKY SWIVELS

## FOR TRUCK AND HIGH VOLUME FUELING

### Husky Models 0087, 0095:

- Multi-plane, full 360° spherical rotation for easy nozzle movement.
- High flow rate due to laminar flow design.
- Compact for easy handling.
- Double O-ring seals at each swivel joint provide long life and low (-40°) temperature performance.
- Compatible with fuels containing alcohol.
- High strength step shoulder bearing diameters and impact absorbing stops.

### Model 4860 offers advanced features for high flow fueling

- Same features as Models 0087 and 0095, plus:
- Model 4860 is ideal for use with high flow nozzles, and flow rates up to 100 GPM.
- Raised stainless steel ball bearings provide easy joint movement, greatly improving ease of swivel when used on higher pressure systems.
- 75% less back pressure; unit is lightweight and compact.

### SPECIFYING INFORMATION

Model Number	Description	Weight Lbs. (kg.)
0087	1"M x 1"F	.93 (.42)
0095	1"M x 1"F (70°)	.75 (.34)
4860	1"M x 1"F	1.08 (.49)

### CONSTRUCTION

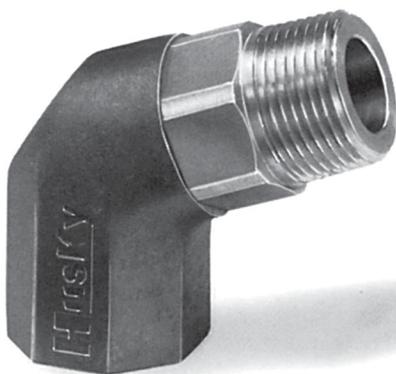
Body	High Aluminum Zinc Alloy	0087, 0095
Inlet Body	Aluminum	4860
Outlet Body	Zinc	4860
Swivel Nut	Zinc Plated Steel	4860
Inner O-Ring	Fluorosilicone	All
Outer O-Ring	Viton® (Fluorocarbon)	All
Threads	1" NPT, BSP 1" NPT	0087, 0095 4860

### PATENTS AND LISTINGS

Patent No. 4,615,547

Listings U.L. U.L.C.

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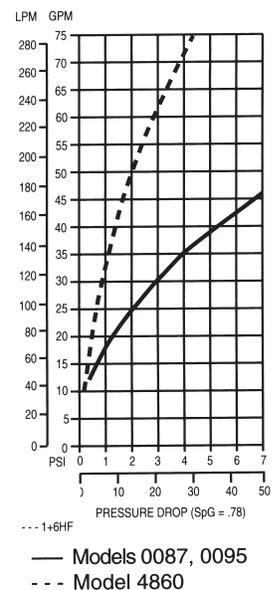
Model 0095



Model 0087

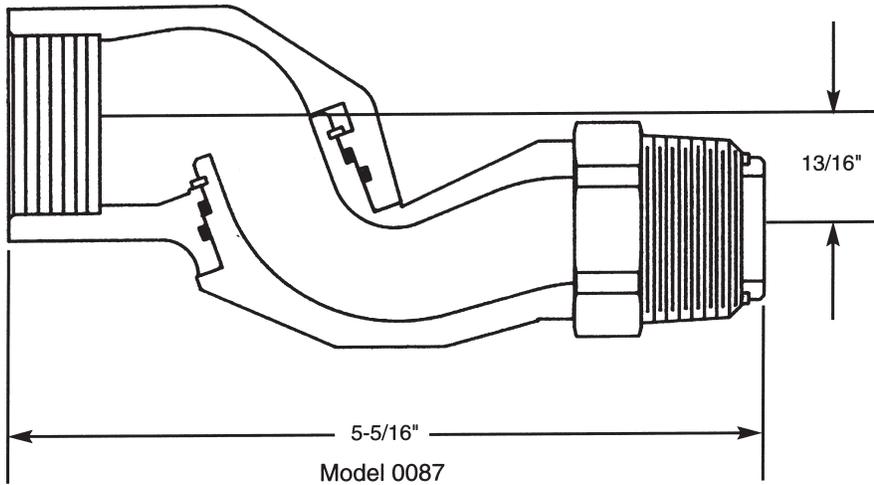
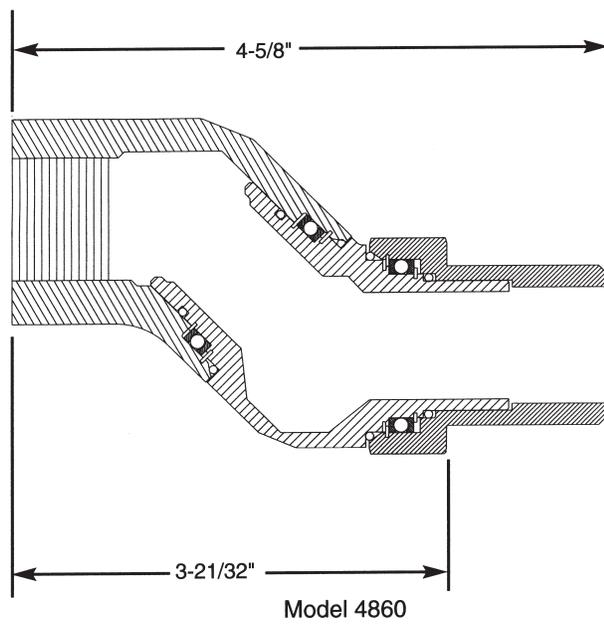
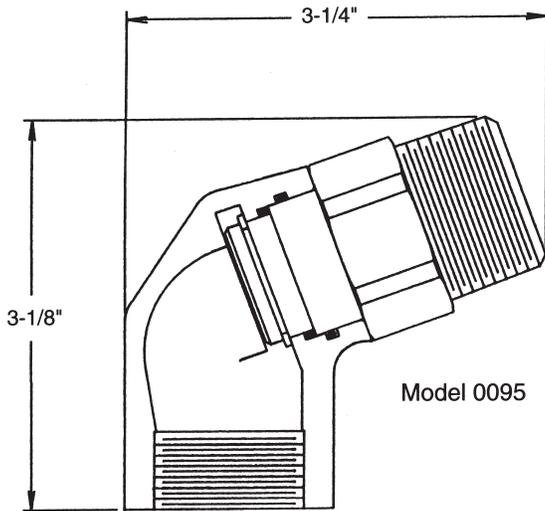


Model 4860



# HUSKY SWIVELS

## FOR TRUCK AND HIGH VOLUME FUELING

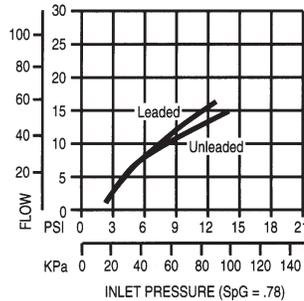


# HUSKY 1-GS

## AUTOMATIC SHUT-OFF NOZZLE

### Husky 1-GS Nozzle:

- Automatic shut-off nozzle for farm, 12V skid tank pumps, or larger pumps without air eliminators.
- Husky 1-GS nozzle shuts off - when the gas tank is full.
- Not to be used with gravity tanks. Not legal for retail dispensing.
- Nozzle is equipped with unique Flo-Stop device that shuts off nozzle if it falls from fill tank or raises above the horizontal.
- Inlet size 1" (3/4" reducer bushing optional)



### SPECIFYING INFORMATION

Model Number	Fuel	Hold-open Clip	Weight Lbs. (kg.)	Thread
045704	Unleaded	yes	3.0 (1.36)	NPT
045708	Unleaded	no	3.0 (1.36)	NPT
045703	Leaded	yes	3.1 (1.39)	NPT
045707	Leaded	no	3.1 (1.39)	NPT
045716	Unleaded	yes	3.0 (1.36)	BSP
045715	Leaded	yes	3.1 (1.39)	BSP

### CONSTRUCTION

Body	Die Cast Aluminum
Disc	Viton® (Fluorocarbon)
Packing	Double O-Ring seal protected by Fiber Reinforced Teflon
Lever	One piece contoured steel with hard plastic cover
Inlet	1" NPT, BSP

### PATENTS AND LISTINGS

Patent Nos.	4,331,190	4,809,753
Listings	U.L.	U.L.C.

Viton® is a registered trademark of DuPont Dow Elastomers



# HUSKY 1-GS

## AUTOMATIC SHUT-OFF NOZZLE

- ACCESSORIES
- FEATURES
- DIMENSIONS

SPOUTS	Model No.	Description
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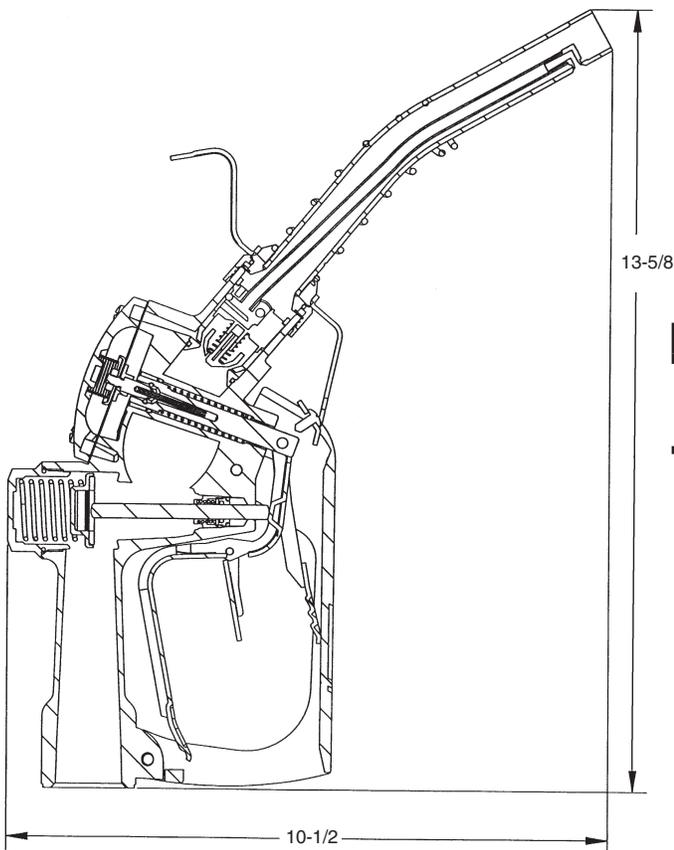
New Style	1473	Unleaded
	1471	Leaded
Old Style	1150	Unleaded
	1152	Leaded

SWIVELS	Model No.	Description
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0087	1"M x 1"F NPT
0095	1"M x 1"F 70° Pump Swivel
0350	3/4"M x 3/4"NPT (Use with reducer bushing)
4860	1" x 1" High Flow

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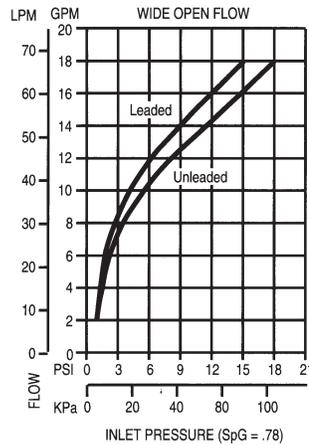


# HUSKY X-FS

## FOR FARM, SKID TANK, CONSUMER PUMPS

### Husky X-FS Nozzle:

- For farm, 12V skid tank and consumer pumps.
- Strong, improved flow—up to 18 GPM (unleaded spout).
- Dispenses 10 GPM at only 5.6 psi.
- Has built-in hook, or fits “holster lock” of skid tank pumps.
- Not to be used with gravity tanks. Not legal for retail dispensing.
- Nozzle equipped with unique Flo-Stop device that shuts off the nozzles if it falls from the fill tank, or raised above the horizontal point.



### SPECIFYING INFORMATION

Model Number	Fuel	Hold-open Clip	Weight Lbs. (kg.)	Thread
337004	Unleaded	yes	2.9 (1.32)	NPT
337008	Unleaded	no	2.9 (1.32)	NPT
337003	Leaded	yes	2.9 (1.32)	NPT
337007	Leaded	no	2.9 (1.32)	NPT
337016	Unleaded	yes	2.9 (1.32)	BSP
337015	Leaded	yes	2.9 (1.32)	BSP

### CONSTRUCTION

Body	One piece die cast aluminum
Disc	Viton® (Fluorocarbon)
Packing	Double O-Ring seal protected by Fiber Reinforced Teflon
Lever	One piece contoured steel with hard plastic cover
Inlet	3/4" NPT, BSP

### PATENTS AND LISTINGS

Patent Nos.	4,331,190	4,809,753
Listings	U.L.	U.L.C.

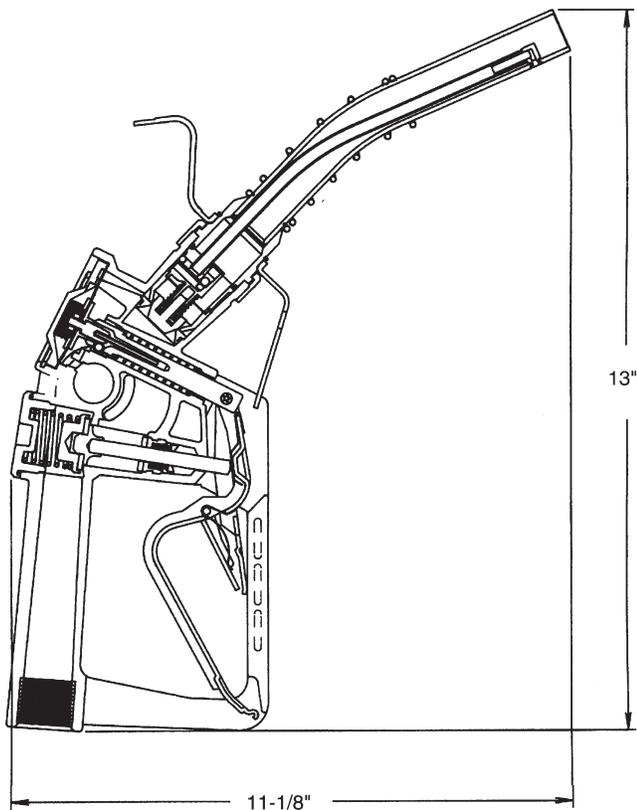
Viton® is a registered trademark of DuPont Dow Elastomers



# HUSKY X-FS

## FOR FARM, SKID TANK, CONSUMER PUMPS

- ACCESSORIES
- FEATURES
- DIMENSIONS



SPOUTS	Model No.	Description
--------	-----------	-------------

	3358	Leaded
	3356	Unleaded

SWIVELS	Model No.	Description
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	0350	3/4"M x 3/4"F
	0352	1"M x 3/4"F
	0355	3/4"M x 3/4"F (black body)
	0356	1"M x 3/4" F (black body)
	2272	3/4"M x 3/4"F 90° dispenser outlet

SAFE-T-BREAKS®	Model No.	Description
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	3360	3/4"M x 3/4"F (Reconnectable) Safe-T-Break®
	2273	3/4"F x 3/4"F NPT Safe-T-Break®



# HUSKY BREAKAWAY VALVES

## FOR FARM & COMMERCIAL APPLICATION

### Husky Model 3360 Reconnectable Safe-T-Break®

- U.L. Listed to Std. 567, Seventh Edition
- All Husky Safe-T-Breaks stop the flow of fuel on both sides of the separation.
- Unit features unusual interface between a pre-loaded spring and a single turn wave spring that enables spring to resist sudden pressure build-up in hose and resultant nuisance breaks.
- Unit separates under driveaway of 200 lbs. pull force, which minimizes “backlash” force of separation, reducing damage to equipment.
- Model 3360 is reconnectable and retains U.L. listing after reconnecting.
- The 3360 Reconnectable Safe-T-Break® passed demanding U.L. test requiring 1,000 break-aways without unit leaking or failing.

### Husky Model 2273 Safe-T-Break®

- All Husky Safe-T-Breaks stop the flow of fuel on both sides of the separation.
- Unit is lightweight, inexpensive and disposable.
- Features patented, instant-closing butterfly valve design.
- Separates under 250 lbs. pull force.

### SPECIFYING INFORMATION

Model Number	Description	Length In. (cm.)	Weight Lbs. (kg.)
3360	3/4" F X 3/4" F NPT Reconnectable Safe-T-Break®	4.5 (11.43)	.56 (.25)
2273	3/4" F X 3/4" F NPT Safe-T-Break®	3 (7.62)	.66 (.30)

### CONSTRUCTION

#### Model 3360

Body	Aluminum
Seals	Viton (Fluorocarbon)
Springs	Stainless Steel
Threads	3/4" NPT, BSP
Stainless steel load and latch spring reverse mechanism.	
Hardened stainless steel latch ring and balls.	

#### Model 2273

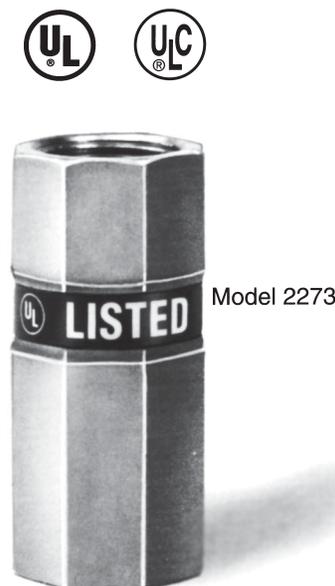
Body	Zinc alloys to prevent galvanic corrosion
Threads	3/4" NPT, BSP

### PATENTS AND LISTINGS

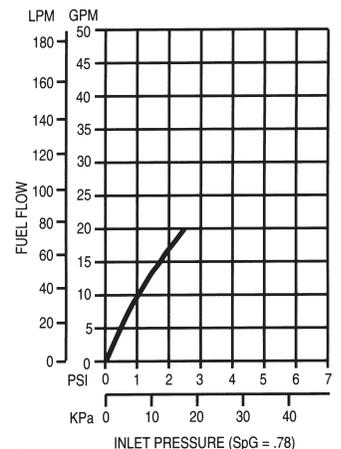
Patent Nos.	4,827,977	4,667,883	4,828,183
Listings	U.L.	U.L.C.	



Model 3360



Model 2273



# HUSKY BREAKAWAY VALVES

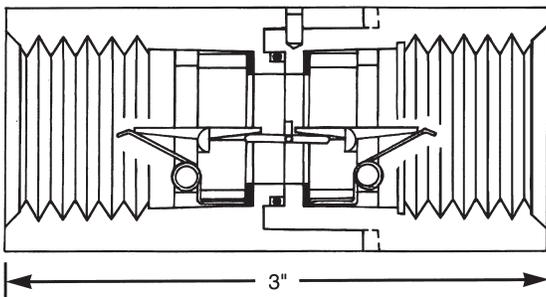
## FOR FARM & COMMERCIAL APPLICATION

- ACCESSORIES
- FEATURES
- DIMENSIONS

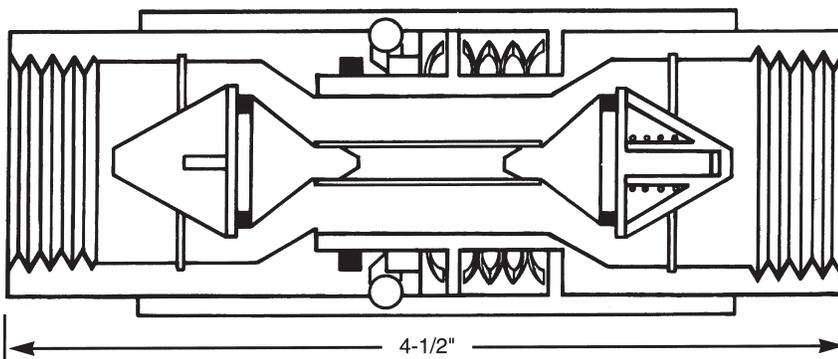
### ACCESSORIES

Model No.	Use with Valve No.	Description
2274	3360, 2273	3/4"M x 3/4"M Hose
2275	3360, 2273	3/4"M x 3/4"M Swivel Hose
3097	3360	Scuff Guard

Model 2273



Model 3360

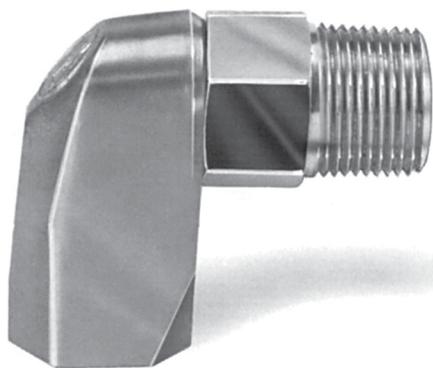
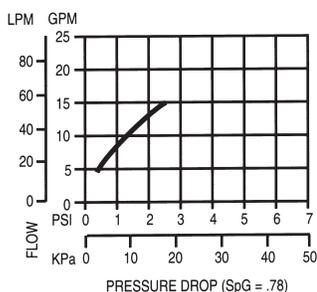


# HUSKY SWIVELS

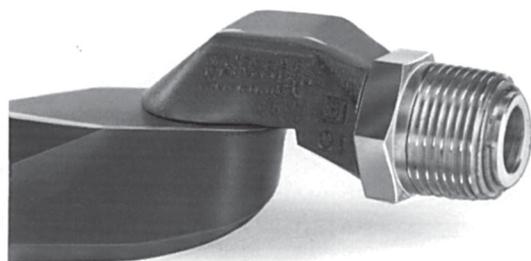
## FOR FARM & COMMERCIAL NOZZLES

### Husky VI Swivels:

- Multi-plane, full 360° spherical rotation for easy movement of nozzle.
- High flow rate due to laminar flow design.
- Compact and light weight for easy handling.
- Double O-ring seals at each swivel provide long life and low (-40°F) temperature performance.
- Compatible with fuels containing alcohol.
- High strength step shoulder bearing diameters and impact absorbing stops.



Model 2272



Model 0355  
Black

### SPECIFYING INFORMATION

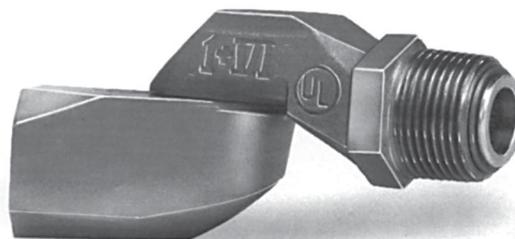
Model	Model Number	Description	Weight Ozs. (kg.)
VI	0350	Multi-plane 3/4"M x 3/4"F	7.1 (.20)
VI	0352	Multi-plane 1"M x 3/4"F	7.1 (.20)
VI	0355	Multi-plane 3/4"M x 3/4"F (Black body)	7.1 (.20)
VI	0356	Multi-plane 1"M x 3/4"F (Black body)	7.1 (.20)
VI-90	2272	90° Pump Swivel 3/4"M x 3/4"F	12 (.34)

### CONSTRUCTION

Body	High Aluminum Zinc Alloy
Inner O-ring	Fluorosilicone
Outer O-ring	Viton (Fluorocarbon)
Threads	3/4" NPT, BSP

### PATENTS AND LISTINGS

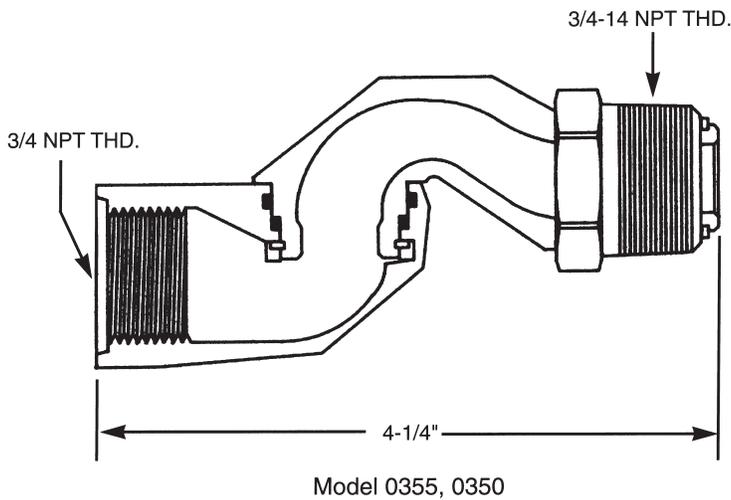
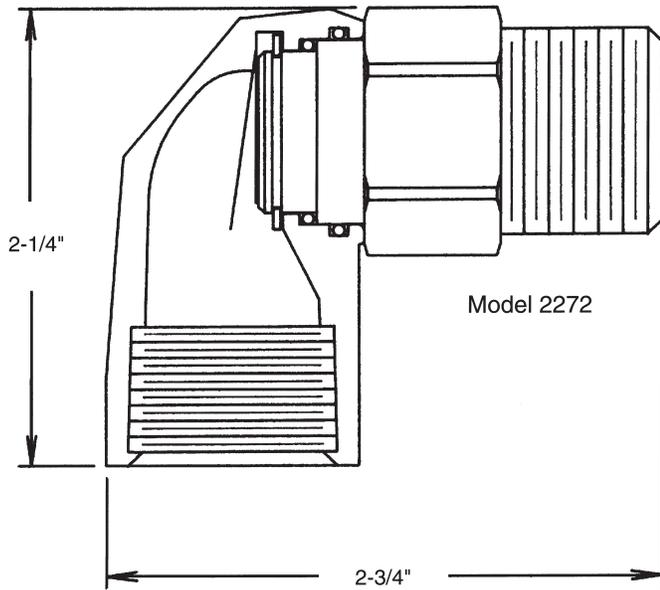
Patent Nos.	4,615,547 D268612 48,133 (Canada)
Listings	U.L. U.L.C.



Model 0350

# HUSKY SWIVELS

## FOR FARM & COMMERCIAL NOZZLES



# HUSKY GUARDS

## SCUFF GUARDS, SPLASH GUARDS



ReGuard Package

### REGUARD PACKAGE

Package contains one full grip ReGuard with tie-wrap, one waffle gas guard, one trigger cover.

For Husky Nozzle	ReGuard Pkg No.
X, X <del>S</del> , XF <del>S</del>	1809
1-A	1811
1-A3	1812
1-GS, 1-HS	1811



Easy-On Package

### EASY-ON PACKAGE

Package contains one standard short guard, handle cover, one waffle gas guard, one trigger cover.

For Husky Nozzle	Easy-On Pkg No.
X, X <del>S</del> , XF <del>S</del>	3440



Protection Package

### PROTECTION PACKAGE

Package contains one full grip guard, one waffle gas guard, one trigger cover.

For Husky Nozzle	Protection Pkg No.
X, X <del>S</del> , XF <del>S</del>	1506
1-A	0099
1-A3	0104
1-GS, 1-HS	0099

# HUSKY GUARDS

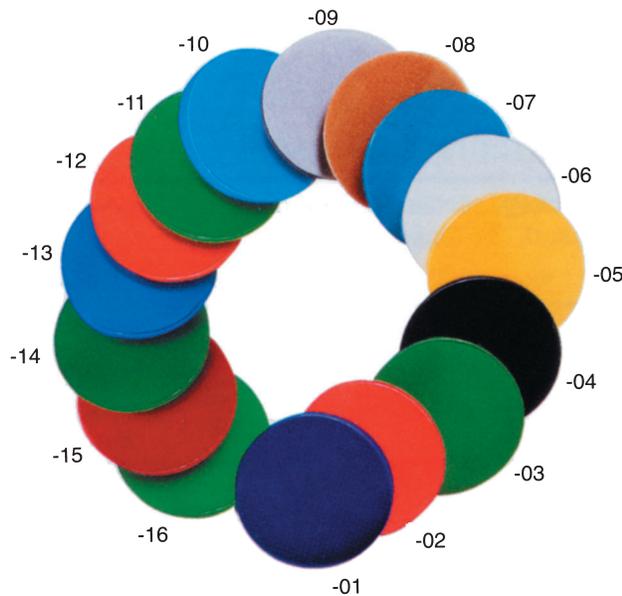
## SCUFF GUARDS, SPLASH GUARDS



Product Description	Product Number								
	V	V-1	V-34	X, X <del>S</del> , X FS	1-A	1-A3	VIII VIII	VIII (old style)	1-GS 1-HS
Full Grip ReGuard	4190	-----	4231	1806	1804	1805	-----	-----	1804
Full Grip Guard	5950	6950	6951	1492	0554	0240	-----	-----	0554
Full Grip Guard (smooth finish)	-----	-----	-----	4145	-----	-----	-----	-----	-----
Standard Guard (short)	-----	-----	-----	3795	0226	-----	-----	-----	0226
Standard Guard (short heavy duty)	-----	-----	-----	-----	-----	-----	2286	0582	-----
Waffle Gas Guard	-----	6955	6956	1808	1807	1807	1808	1808	1807
Standard Gas Guard	-----	-----	-----	-----	0227	0227	-----	-----	0227
Clip-On Trigger Cover	2573	2573	2573	2573	2574	2574	2573	-----	2574
Handle Cover (black plastic)	-----	-----	-----	3376	-----	-----	-----	-----	-----

### COLOR SELECTION

All guards are available in the following colors and should be ordered by adding the corresponding suffix number to the model number of the guard. For example, if the Full Grip ReGuard (No.1806) is desired in Blue, the order number is No. 1806-01. Custom logo can be imprinted on guards; minimum order 50 each logo.



Color	Suffix	Color	Suffix
Blue	-01	Amoco Silver	-09
Red	-02	Chevron Blue	-10
Green	-03	Chevron Green	-11
Black	-04	Chevron Red	-12
Yellow	-05	Mobile Blue	-13
White	-06	Mobile Green	-14
Amoco Blue	-07	Mobile Red	-15
Amoco Gold	-08	B.P. Green	-16

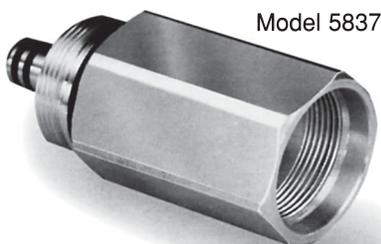
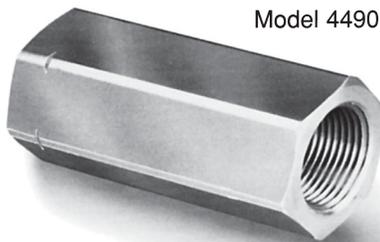


# HUSKY FLO-EQUALIZER™

## FOR CONVENTIONAL, BALANCE OR VACUUM ASSIST SYSTEMS

### Husky Flo-Equalizer™

- Three models available for installation in fueling systems, each balances fuel flow to maximum 10 GPM to comply with limitation specified in Federal Register, Vol. 58, No. 55, page 16109.
- **Model 4490** for conventional, or vapor recovery systems. Installs in-line within the fuel line. The furnished nipple can be used in either end of the 4490 for correct installation.
- **Model 5827** for balance, vapor recovery
- **Model 5837** for vacuum assist, vapor recovery systems. Installs directly into the dispenser outlet casting.
- **Model 5837** for vacuum assist, vapor recovery systems. Installs directly into the dispenser outlet casting.
- **X and X<sup>S</sup> Nozzles.** The Flo-Equalizer is installed as standard in Husky X and X<sup>S</sup> nozzles.
- All Flo-Equalizer models are pressure compensating and allow full advantage of high capacity pumps.
- Low Pressure loss at flows less than 10 GPM.



### SPECIFYING INFORMATION

Model Number*	System For	Make-up Length	Thread
4490	Conventional or vapor recovery	3-3/16	3/4"NPT
5827	Balance (vapor recovery)	2-1/2	1-7/8" x 12
5837	Vacuum Assist (vapor recovery)	2-1/4	M34 x 1.5

\* The Flo-Equalizer is installed as standard in Husky X and X<sup>S</sup> nozzles.

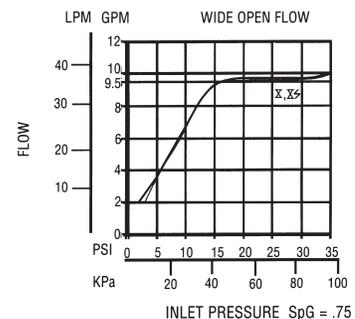
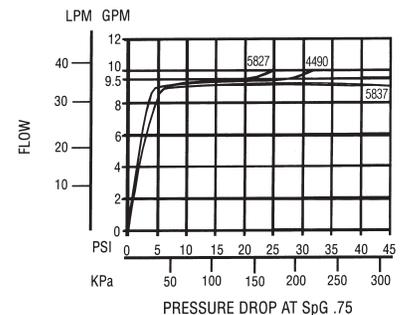
### CONSTRUCTION

Body	Aluminum
Seals	Model 4490: None Models 5827, 5837: Viton (Fluorocarbon) and Buna-N

### PATENTS AND LISTINGS

Patent Nos. 4,825,916 Other Patents Pending

Listings U. L. C.A.R.B.

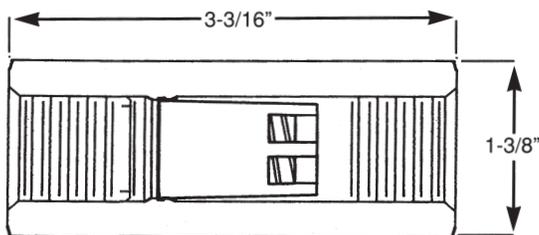


# HUSKY FLO-EQUALIZER™

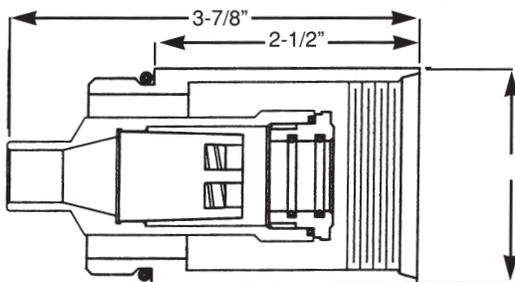
## FOR CONVENTIONAL, BALANCE OR VACUUM ASSIST SYSTEMS

- ACCESSORIES
- FEATURES
- DIMENSIONS

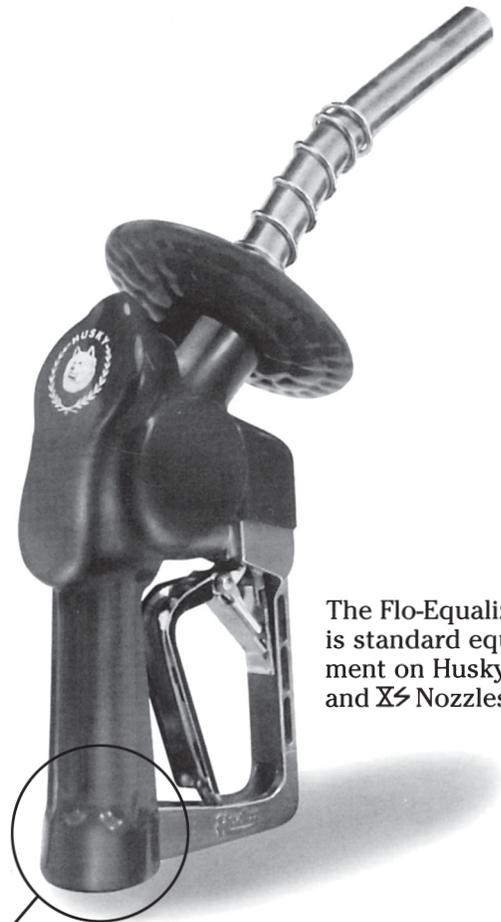
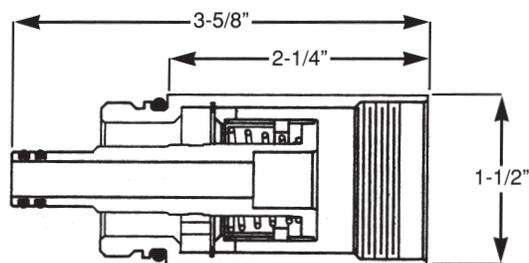
**MODEL 4490**



**MODEL 5827**



**MODEL 5837**



The Flo-Equalizer is standard equipment on Husky X and X<sup>S</sup> Nozzles.

