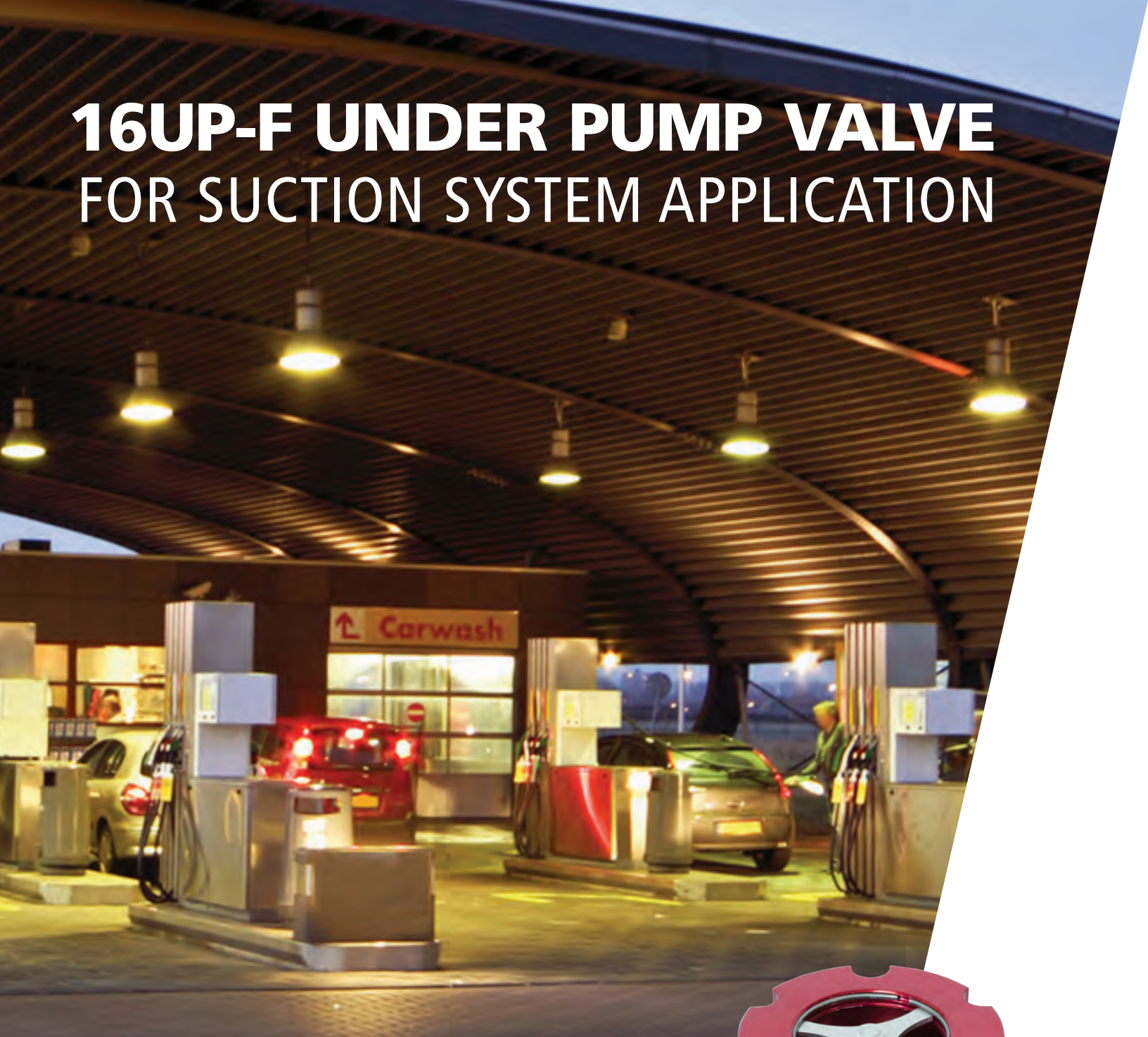


# 16UP-F UNDER PUMP VALVE FOR SUCTION SYSTEM APPLICATION



OPW 16UP-F flanged under pump valves are installed below dispensers in suction systems to allow for safe, easy testing and reliable isolation of suction lines in either new or retrofit sites with minimal personnel or site disruption.

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**DEFINING** | WHAT'S NEXT

## 16UP-F Under Pump Valve for suction system application

OPW 16UP-F flanged under pump valve provides a corrosion-resistant solution for multiple blends of fuel. Installed below dispensers in suction systems, the valve allows for safe and easy testing and can help increase productivity, sales and profit.

### Features

- **Unique Slim Design** – Flush fit, slim 36.1 mm (1.421") design makes installation easy.
- **Corrosion-Resistant Body** – Valve body coated with an anodized, corrosion-resistant finish.
- **Nitrile Seals** – Reliable seals offer a high compatibility with gasoline, diesel, kerosene, ethanol, methanol, MTBE, fuel oil, mogas, motor oil and various other blends of fuel.
- **Multi-function Test Port** – When draining the pump and suction line, a vacuum break is created with the sealing plug removed. Provides a 3.175 mm BSP (1/8") gauge connection point for pressure testing.
- **High Flow Capacity** – High flow capacity can help increase productivity, sales and profit.
- **Testable Poppet Lock Down Clamps** – added to allow isolation and testing of piping without disassembly.
- **Mounting Options** – The valve can be mounted to both oval (2-bolt) and triangular (3-bolt) flanges.

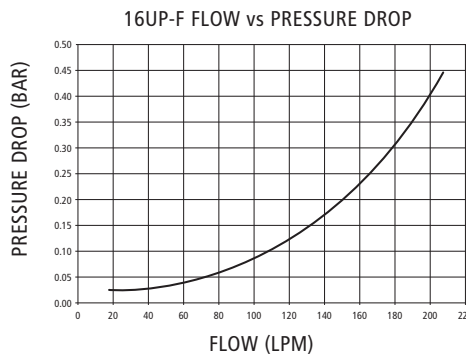
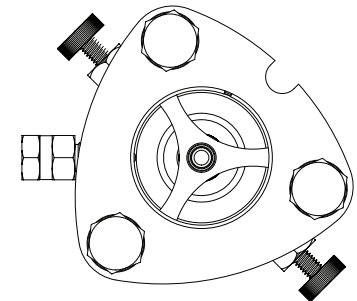
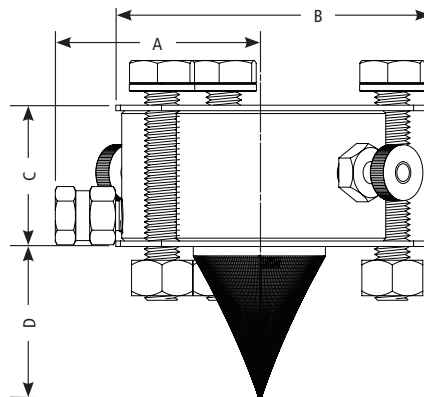
### Materials

**Body:** Aluminum with Anodized Finish  
**Poppet:** Aluminum with Anodized Finish  
**Gaskets:** Buna  
**Seals and O-rings:** Nitrile  
**Plug:** Aluminum with Anodized Finish



### Ordering Specifications

Dimensions		Diameter		Weight	
mm	in.	mm	in.	grams	ounces
A - 56.5	2.22"	76.2	3.00"	454	16
B - 76.2	3.00"				
C - 36.1	1.42"				
D - 44.1	1.74"				



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## OPW 70 Vertical Check Valve Installation and Maintenance Instructions

Please read these warnings and the assembly instructions completely and carefully before starting. Failure to do so may cause product failure, or result in environmental contamination due to liquid leakage into the soil, creating hazardous spill conditions.

**IMPORTANT:** The Spill Container is pre-assembled for your convenience and ease of installation. Check to make sure the unit is intact and undamaged and all parts have been supplied. Never substitute parts for those supplied. Doing so may cause product failure.

**WARNING-DANGER:** Using electrically operated equipment near gasoline or gasoline vapors may result in a fire or explosion, causing personal injury and property damage. Be sure that the working area is free from such hazards, and always use proper precautions.

**NOTE:** At all times when product is in the storage tank keep the riser pipe capped, so the vapors cannot escape into the environment.

**Notice:** OPW products must be used in compliance with applicable federal, state, and local laws and regulations. Product selection should be based on physical specifications and limitations and compatibility with the environment and material to be handled. All illustrations and specifications in this literature are based on the latest production information available at the time of publication. Prices, materials, and specification are subject to change at any time, and models may be discontinued at any time, in either case, without notice or obligation.

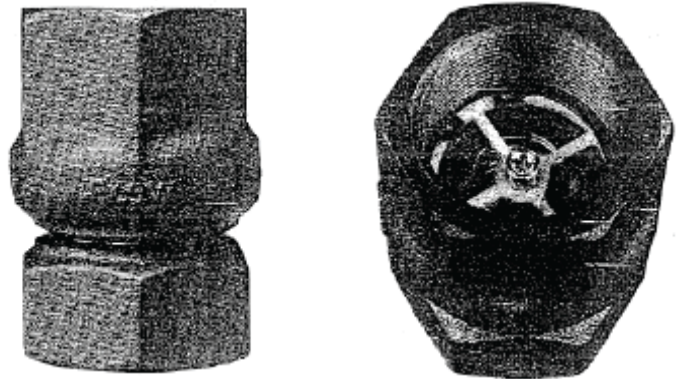
**Standard Product Warranty:** OPW warrants that products sold by it are free from defects in materials and workmanship for a period of one year from the date of manufacture by OPW (ECO products two years from date of manufacture.) Proof of purchase may be required. As the exclusive remedy under this limited warranty, OPW, will at its sole discretion, repair, replace, or issue credit for future orders for any product that may prove defective within the one year date of manufacture period (repairs, replacements, or credits may be subject to prorated warranty for remainder of the original warranty period, complete proper warranty claim documentation required.) This warranty shall not apply to any product that has been altered in any way, which has been repaired by any party other than a service representative authorized by OPW, or when failure is due to misuse, or improper installation or maintenance. OPW shall have no liability whatsoever for special, incidental or consequential damages to any party, and shall have no liability for the cost of labor, freight, excavation, clean up, downtime, re-

moval, reinstallation, loss of profit, or any other cost or charges.

For any product certified to California 2001 standards, OPW warrants that product sold by it are free from defects in material and workmanship for a period of one year from date of manufacture or one year from date of registration of installation not to exceed 15 months from date of manufacture by OPW.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND SPECIFICALLY THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

The **OPW 70 Series Vertical Check Valve** is designed to be installed on the inlet of fuel dispensing suction pumps, to hold the pump prime. It features Viton seals for compatibility with blended fuels. A shear groove is designed to provide a failure point in the event of a severe impact, to help protect buried piping. The relief valve accommodates thermal expansion in the dispenser.



### INSTALLATION

1. **DO NOT** use Teflon® tape. **ONLY USE** non-hardening pipe dope.
2. The OPW 70 must be installed with the "FLOW" arrow pointing UP.
3. **DO NOT** wrench across the shear section, wrench on the end closest to the joint being tightened.
4. A dirt protector is supplied in the outlet end of the valve. It should remain in place until the final connection is made between the valve and pump.