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OPW® 

I N T R O D U C I N G



**BREAKTHROUGH  
INNOVATION**

**NEW**

**7150**

**OVERFILL  
PREVENTION  
VALVE**

**No  
Epoxy  
Required**

- **No Epoxy Sealants Required**
- **Eliminates curing issues, due to hot or cold temperatures**
- **Faster, easier, higher-quality installation**
- **Greater protection against fugitive emissions and pressure decay**
- **Fastest flow rates**
- **Lower life cycle costs**
- **CARB-certified** 
- **ULC-approved** 

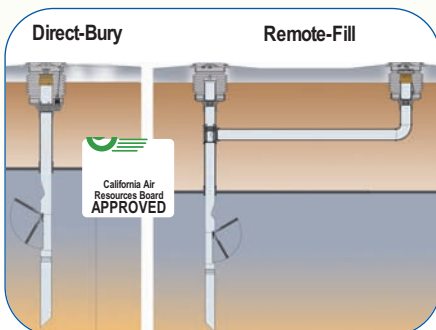
# INTRODUCING THE NEW 71SO OVERFILL PREVENTION VALVE

## Raising The Standard In Overfill Prevention

From the company that brought you the industry standard OPW 61SO, OPW raises the standard with the introduction of the **New 71SO Overfill Prevention Valve** – breakthrough innovation that takes overfill prevention to a whole new level of overfill perfection.

- Eliminates curing issues, due to hot or cold temperatures
- Easier, quicker, installation
- Higher quality, more reliable installation
- Lower costs
- Greater protection against fugitive emissions and pressure decay
- Fastest flow rate in the industry

The new 71SO is a two-stage, positive shut-off valve, providing completely automatic operation with no pre-checks to perform, no resets, and no overrides to be broken or abused. The valve closes when the tank level rises to 95% capacity and provides a special by-pass valve so the tank can be filled to a maximum capacity of 98%. The 71SO is available for direct-bury and remote applications.



## No Epoxy Sealants Required!

The OPW 71SO requires no epoxy sealants for installation. No sealants mean the quality and reliability of the installation is significantly improved, promoting the elimination of curing hassles during challenging applications, such as extreme temperature conditions. No delays, no mess. EVR compliance is assured with no time-consuming, expensive return visits to re-epoxy the valve.



NO EPOXY



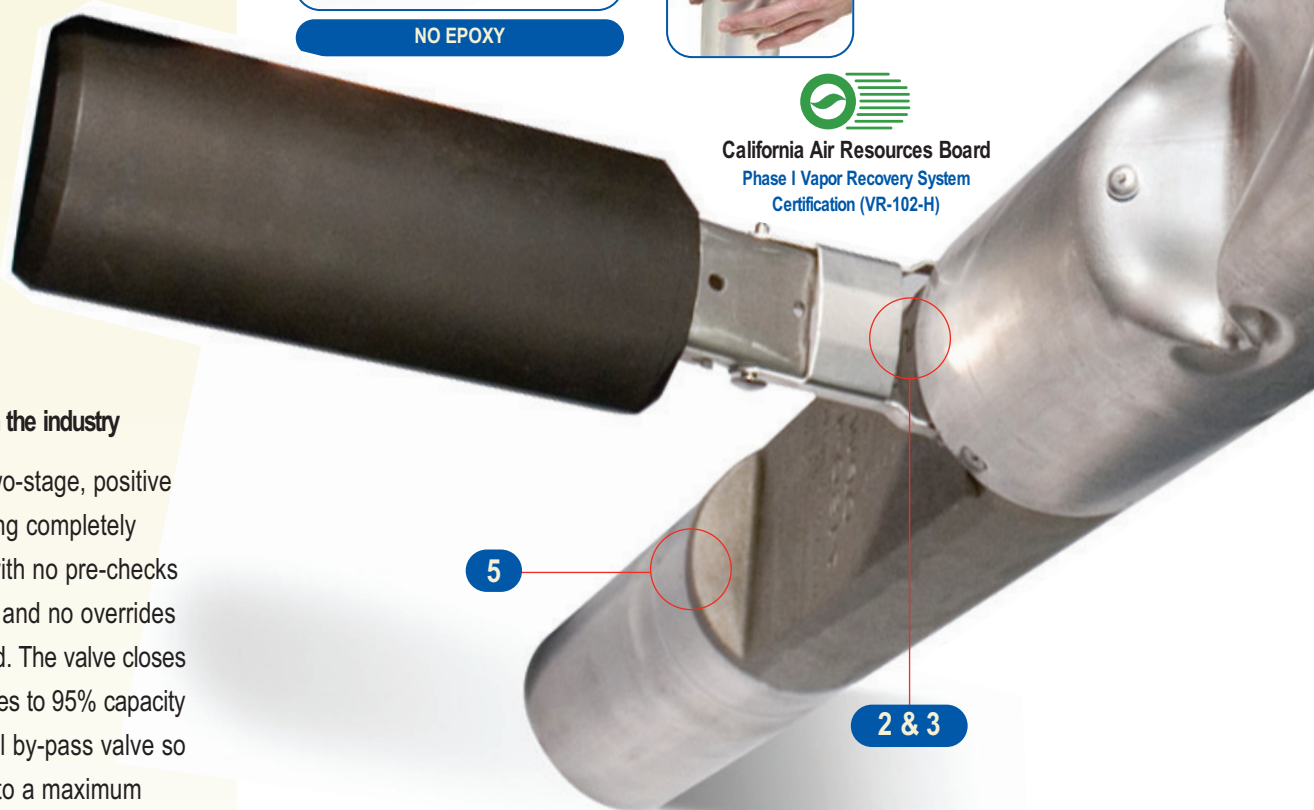
THE NEW 71SO ELIMINATES THE MESS AND CURING HASSLES OF EPOXY SEALANTS



THE NEW NO EPOXY 71SO PROVIDES FOR AN EASIER, HIGHER QUALITY AND MORE RELIABLE INSTALLATION



California Air Resources Board  
Phase I Vapor Recovery System  
Certification (VR-102-H)



- The Only Vapor-Tight Overfill Valve In The Industry That Does Not Require Messy, Time-Consuming Epoxy Sealants
- Robust Patent/Patent-Pending Design
  - Reduces installation time and costs
  - Improves quality of installation
- Special Patented And Patent-Pending Design Features Enable Improved EVR Compliance By Eliminating 10 Of 17 Potential Leak Paths
  - Typical valves have 17-25 potential leak paths
  - Higher level of protection against fugitive emissions and pressure decay
  - Improves EVR compliance assurance by 60%
  - Reduces/eliminates future maintenance and/or valve replacement costs



# THE EVOLUTION OF PERFECTION

The new 71SO has been rigorously tested by contractors and the results show, this valve exceeds all expectations for ease of installation, vapor-tight integrity and performance.

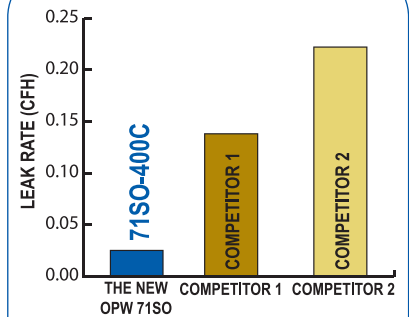


## SPECIAL INLET TUBE ALIGNMENT TOOL

Ensures easy alignment for drilling. The 71SO-TOOL (sold separately) aligns the blind holes for a vapor-tight seal.



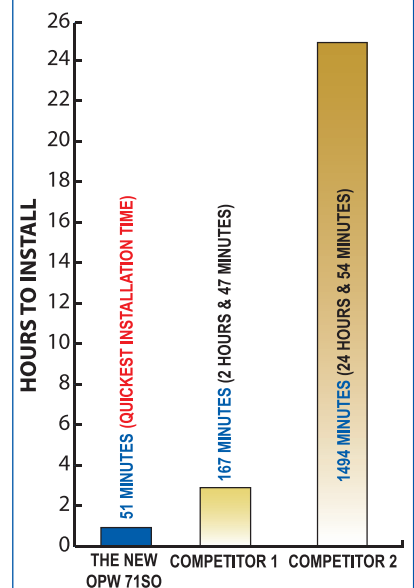
## VAPOR-TIGHT INTEGRITY\*



## EVR Compliance Peace-of-Mind Assurance

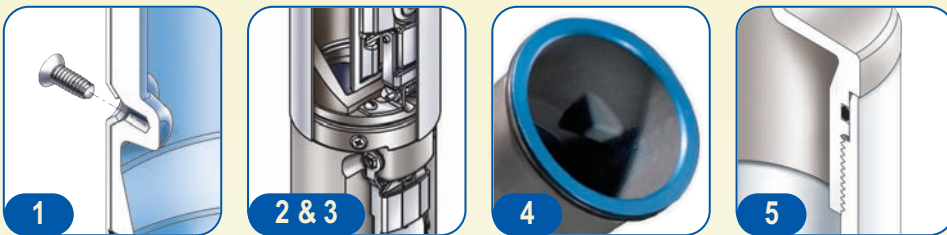
- Provides 60% higher level of protection against fugitive emissions and pressure decay failures vs. other vapor-tight valves

## INSTALLATION TIME\*



The new 71SO enables new sites to go into operation faster.

\*OPW Test Lab results



### 1 Blind Holes With Taptite Screws

- Eliminates 6 potential leak paths
- Eliminates need for messy epoxy sealants

### 2 Rearranged Sealing Joints In Valve Mechanism

- Eliminates 3 potential leak paths
- Eliminates need for messy epoxy sealants

### 3 Rearranged Valve Poppet Location

- Eliminates 1 potential leak path

### 4 Polypak Seal

- Eliminates need for messy, time-consuming epoxy sealants
- Reduces installation time by up to 24 hours enabling site to be operational faster
- Reduces contractor project costs
- Reduces retailer maintenance costs by eliminating return visits to re-epoxy valve

### 5 Straight Threaded Joint With Diametric O-Ring Seal

- Superior vapor-tight sealing over tapered thread joint with epoxy
- Eliminates need for messy, time-consuming epoxy sealants to improve quality of installation

# What Others Are Saying About The New OPW 71SO Overfill Prevention Valve



## Contractors Agree – the New 71SO is the easiest valve in the industry to install

“OPW has clearly listened to what we said we wanted in a vapor-tight overfill valve...and to what we didn't want. The 71SO doesn't require epoxy sealants, so there is no mess and no curing time. Without exception, this is the easiest valve I've ever installed.”

**MARK VORHEES**

*Service Technician, United Dairy Farmers*



## Put to the Test

“At OPW, we put our valves through the most rigorous tests possible to ensure that they will provide optimum performance in real-world applications. We test our valves more rigorously than anyone else in the industry, and throughout these tests, the OPW 71SO has consistently and significantly outperformed every other valve in all test categories. In fact, I would say, it is the best valve I've ever tested.”

**MIKE SCHUBERT**

*Technical Services Manager*

## Ordering Specifications

Product No.	Description	A- Upper Tube Length		B- Lower Tube Length		C- Overall Length		Max. Riser Length		Max. Nominal Tank Dia.		Max. Actual Tank Dia.		Weight	
		in.	m	in.	m	in.	m	in.	m	in.	m	in.	m	lbs.	kg
71SO-400C	Vapor-tight overfill valve, 5 ft. bury, 8 foot tank	60"	1.5	83"	2.1	155 3/4"	3.9	53 1/2"	1.4	96"	2.4	107"	2.7	16	7
71SO-410C	Vapor-tight overfill valve, 10 ft. bury, 10 foot tank	120"	3.1	102"	2.6	234 3/4"	5.9	113 1/2"	2.9	120"	3.1	126"	3.2	25	11
71SO-420C	Vapor-tight overfill valve, 10 ft. bury, 12 foot tank	120"	3.1	126"	3.2	258 3/4"	6.5	113 1/2"	2.9	144"	3.7	150"	3.8	26	12
71SO-TOOL	71SO installation tool													2.5	1
61JSK-4RMT	Jack Screw Kit for vapor-tight remote applications													1.5	0.7
61JSK-4410	Jack screw kit for composite base spill buckets														0.5
61JSK-44CB	Jack screw kit for cast iron base spill buckets													1	0.5

## Replacement Parts

Part No.	Description
61SOK-0001	Replacement float kit
H11931M	Drop tube seal
H14840M	Lower tube seal



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