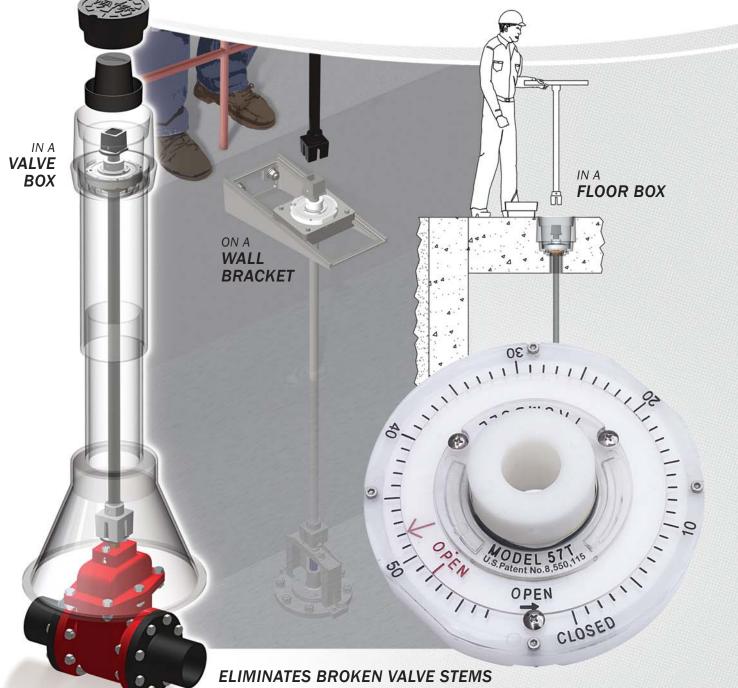


POSITION INDICATORS



DUE TO OVER-OPENING OR OVER-CLOSING

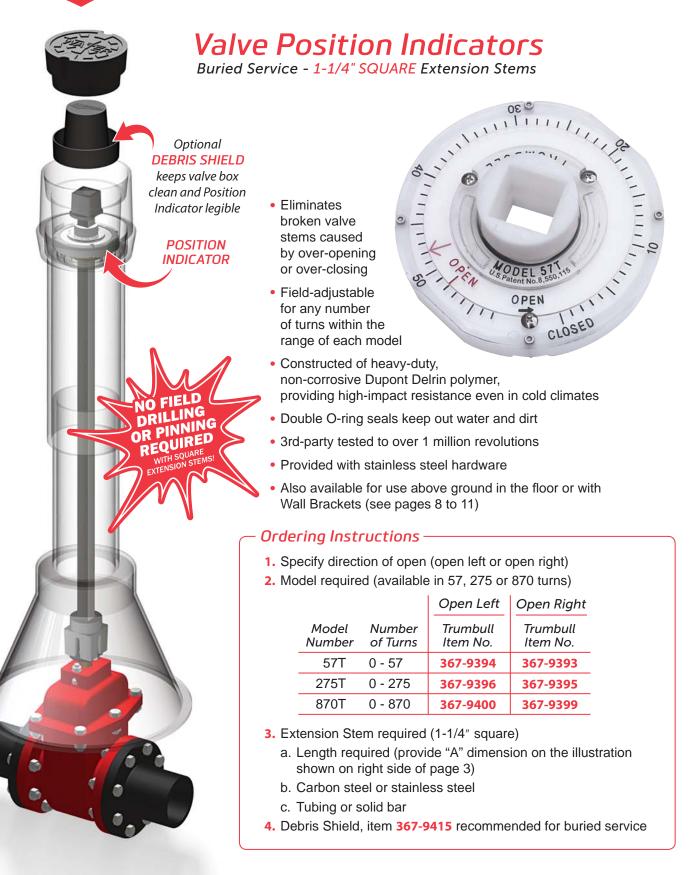


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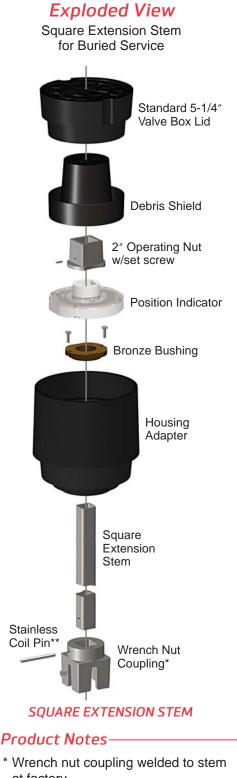


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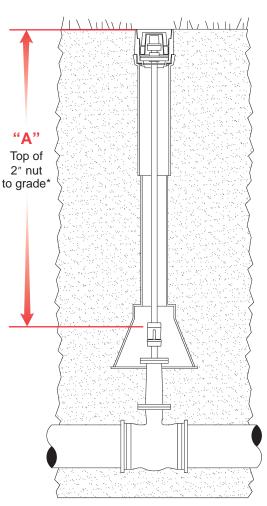
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at factory. ** When bottom coupling is purchased separately, pin is provided.



* The dimension from top of 2" valve nut to grade is used to determine Extension Stem length, per ordering instructions on page 2.

Extension Stem Torque Ratings

Extension Stems rated for a minimum of 300 ft-lb. For higher torque capacity, consult Trumbull.

You Tube

Installation animations online: www.youtube.com/trumbullmfg

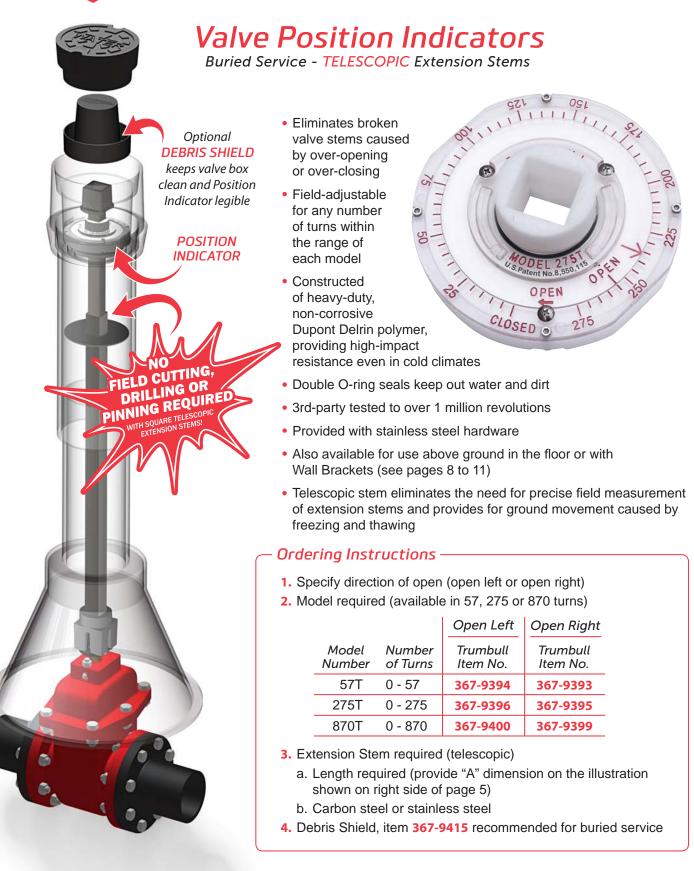


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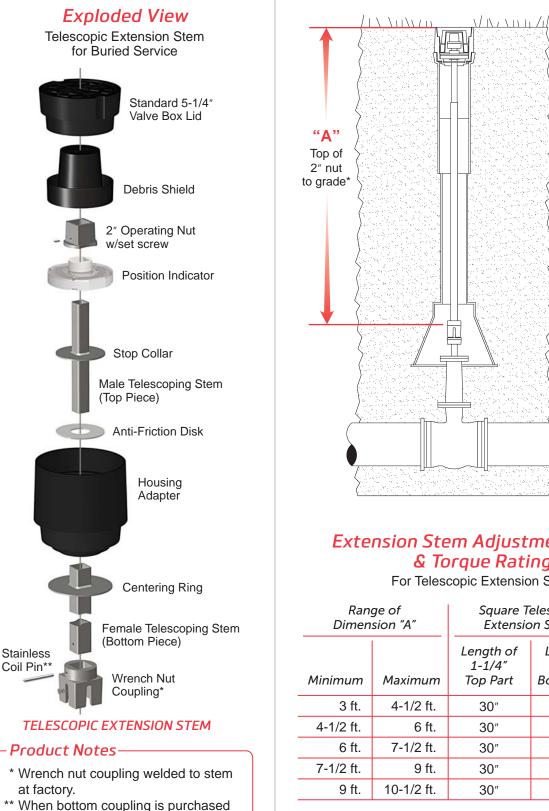


separately, pin is provided.

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* The dimension from top of 2" valve nut to grade is used to determine **Extension Stem** length, per ordering instructions on page 4.

Extension Stem Adjustment Ranges & Torque Ratings

For Telescopic Extension Stems

Range of Dimension "A"		Square Telescopic Extension Stems		
Minimum	Maximum	Length of 1-1/4″ Top Part	Length of 1-1/2″ Bottom Part	Torque In ft-lb
3 ft.	4-1/2 ft.	30″	30″	300 ft-lb
4-1/2 ft.	6 ft.	30″	48″	300 ft-lb
6 ft.	7-1/2 ft.	30″	66″	300 ft-lb
7-1/2 ft.	9 ft.	30″	84″	300 ft-lb
9 ft.	10-1/2 ft.	30″	102″	300 ft-lb

Other stem ranges available upon request.

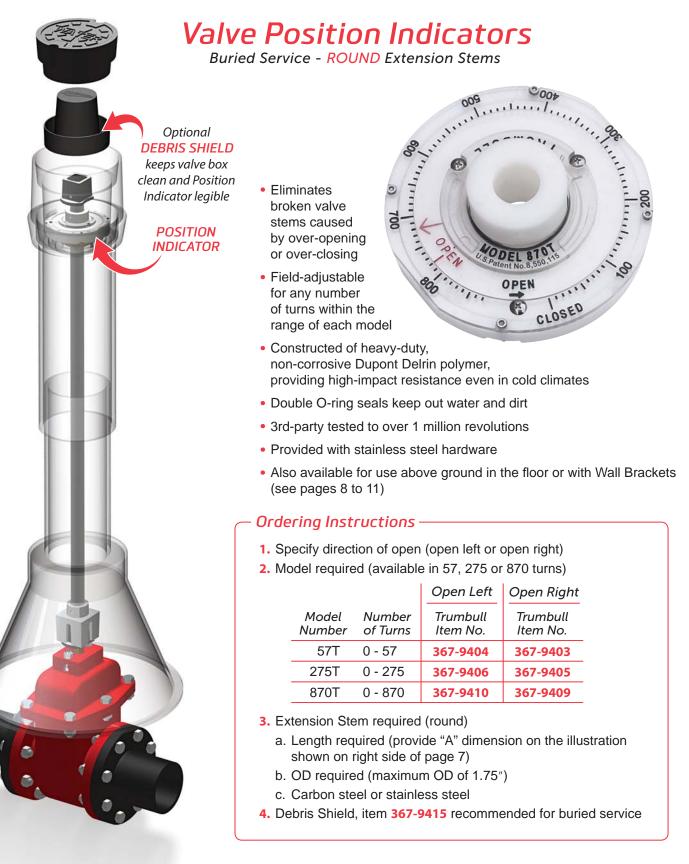


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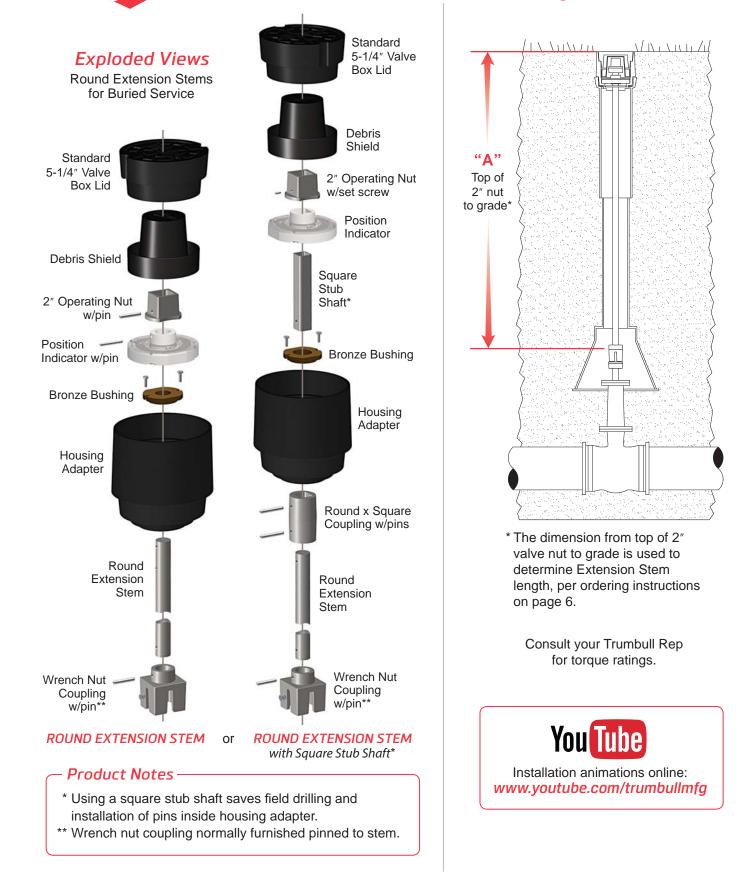


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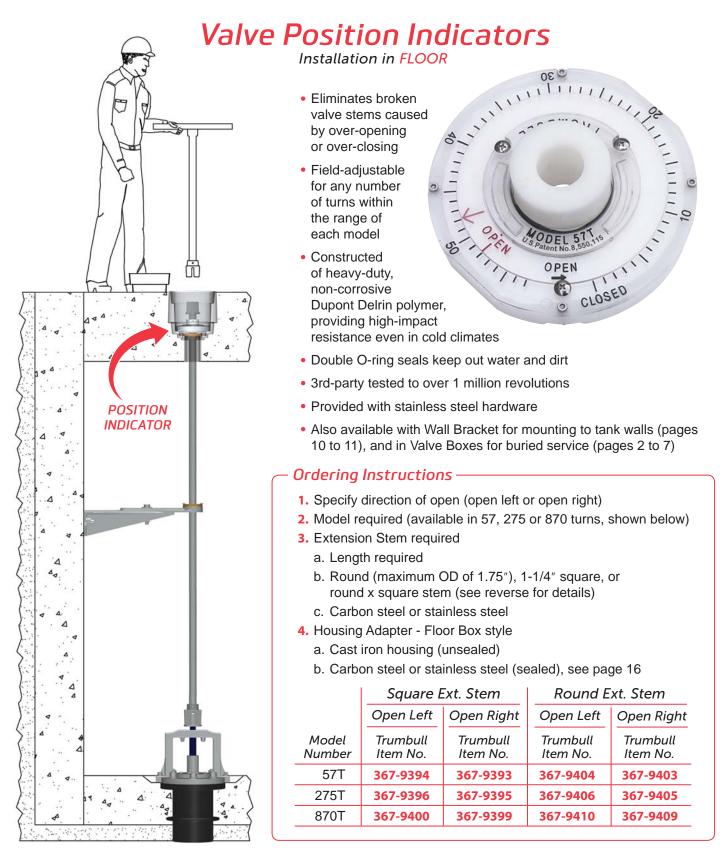


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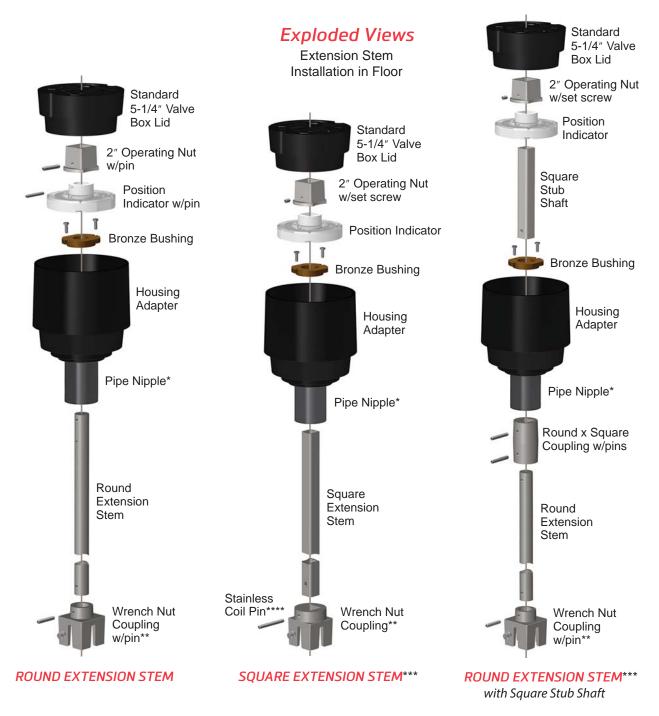


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– Product Notes

- * Use a pipe nipple 5/8" longer than the increase in floor slab thickness required, as the tapped thread is 5/8" deep.
- ** Wrench nut coupling normally furnished pinned to round stems, and factory welded on square stems.
- *** Using a square Extension Stem, or a round Extension Stem with a square stub shaft saves field drilling and installation of pins inside floor box.
- **** When bottom coupling is purchased separately, pin is provided.



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02 0

ODEL

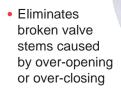
OPEN

CLOSED

Valve Position Indicators

Installation with WALL BRACKET (Patent Pending)





- Field-adjustable for any number of turns within the range of each model
- Constructed of heavy-duty, non-corrosive Dupont Delrin
 polymer, providing high-impact resistance even in cold climates
- Double O-ring seals keep out water and dirt
- 3rd-party tested to over 1 million revolutions
- Provided with stainless steel hardware
- Also available for use in the floor (pages 8 to 9), and in Valve Boxes for buried service (pages 2 to 7)

- Ordering Instructions -

- 1. Specify direction of open (open left or open right)
- 2. Model required (available in 57, 275 or 870 turns)
- 3. Extension Stem required
 - a. Length required
 - b. Round (maximum OD of 1.75") see next page for details
 - c. Carbon steel or stainless steel

		Open Left	Open Right
Model Number	Number of Turns	Trumbull Item No.	Trumbull Item No.
57T	0 - 57	367-9404	367-9403
275T	0 - 275	367-9406	367-9405
870T	0 - 870	367-9410	367-9409

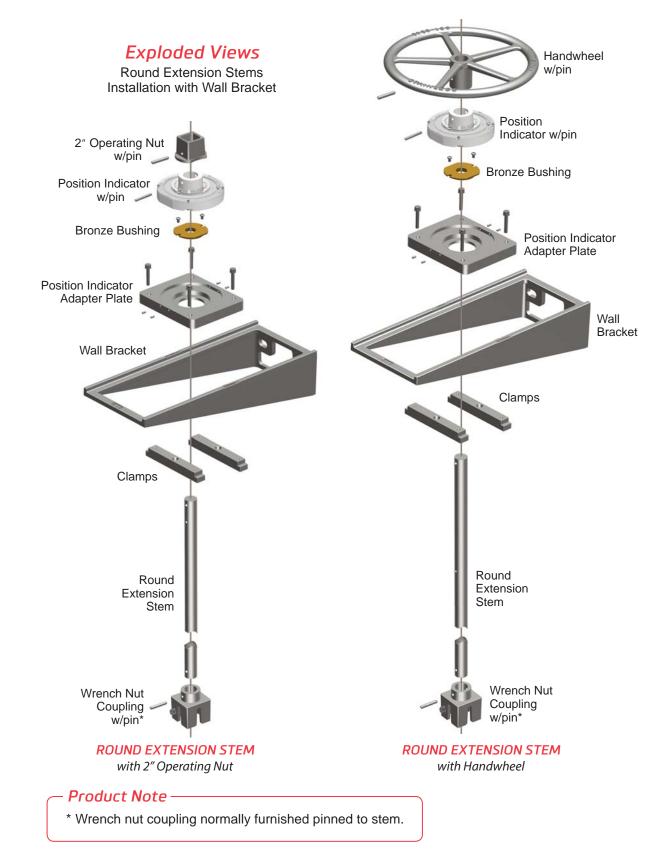


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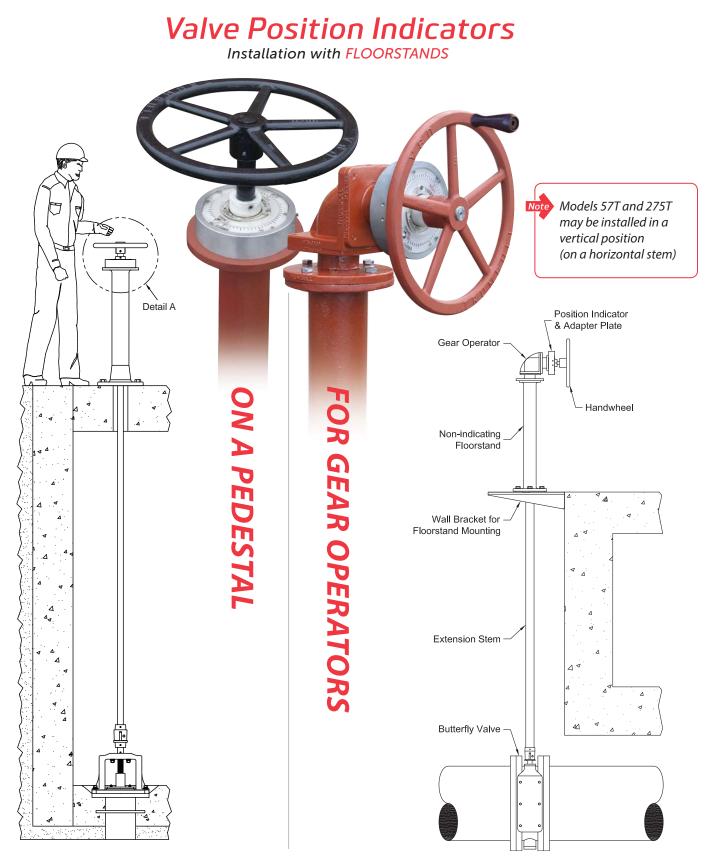


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Feature Comparison of "Turn Count" Scales

TRUMBULL

Other Design "A"



Permanently molded markings. Large numerals and characters make it easy to see the valve's position.



Adhesive labels can peal off in high temperature or humidity.

Other Design "B"



Precise position of valve is difficult to determine.



TRUMBULL



DEBRIS SHIELD keeps dirt off of Position Indicator, as the composite image shows above. Note how white color illuminates inside valve box!

Other Design "A"

The Trumbull

Debris Shield







The two simulations above show how dirt and debris can accumulate on the Position Indicator WITHOUT a Debris Shield.



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Cyclic Environmental Testing

Independent Testing







- Coarse Arizona sand mixed with water and aerated for 4 hours.
- Mixture heated to 110°F for 4 days. •
- Above process repeated several times, attempting to pass debris • through the o-ring seals.
- Disassembly conducted after 302,500 revolutions.

RESULTS: Only minimal particles of sand were present, with no effect on function! Double O-ring seals keep out water and debris (see image on the next page).

Life Cycle Testing

Model 57T

RESULTS: After 1,026,000 revolutions, no sign of wear on any component.



RESULTS: After 1,204,500 revolutions, no sign of wear on any component.



RESULTS: After 1,131,000 revolutions, no sign of wear on any component.

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Submersion Testing

In-House Testing

TRUMBULL POSITION INDICATOR

Other Design



RESULTS:

- No corrosion, due to POLYMER CONSTRUCTION
- No debris, due to DOUBLE 0-RING SEALS
- Only a few drops of water were present inside the assembly

RESULTS:

- Aluminum housing showed oxidation
- Iron castings showed corrosion
- No debris
- Several ounces of water were present inside the assembly (potential freezing hazard)

Sealed Floor Boxes

Can by Used with Valve Position Indicator

Ideal to prevent fluids from penetrating the floor slab from either direction. Available in cast stainless steel and carbon steel.



OVERALL HEIGHT 11-1/8" with lid Optional Accessories

PACKING GLAND with stainless steel follower seals bottom of Floor Box

BRASS BUSHING aligns extension stem when

bottom seal is not utilized

POSITION INDICATOR can be used with either brass bushing or packing gland

