

4"-12" INSTA-VALVE® 250

MATERIAL SPECIFICATIONS:

Body Armor Shields: 16-gauge 304 stainless steel*

Body Mounting Bolts: 304 stainless steel, 5/8-11 UNC6.

Body Sealing Gasket: BUNA-N rubber

Body: 304 stainless steel

Bonnet and Body Mounting Nuts: 304 stainless steel, nuts coated to prevent galling

Bonnet Bolts: 304 stainless steel, 5/8" UNC rolled thread

Bonnet: Epoxy-coated carbon steel

Cartridge Seal: EPDM

Completion Pin: 300 series stainless steel, coated to prevent galling

Completion Pin Washer: BUNA-N rubber

Completion Pin O-Ring: BUNA-N rubber

Completion Plug O-Ring: BUNA-N rubber

Auto Equalization Check Valve: 304 stainless steel

Completion Plug: Reinforced composite polymer

Flange O-Ring: BUNA-N rubber

Flange: 304 stainless steel

Insta-Valve 250 Valve Cartridge: Reinforced composite polymer

Mounting Body – BOTTOM: 4"-8" = 14-gauge 304 stainless steel; 10"-12" = 7-gauge 304 stainless steel

Mounting Body – TOP: 4"-8" = 11-gauge 304 stainless steel; 10"-12" = 10-gauge 304 stainless steel

Mounting Lugs: 304 stainless steel

Operating Nut: Steel, cast

Resilient Wedge: Reinforced EPDM

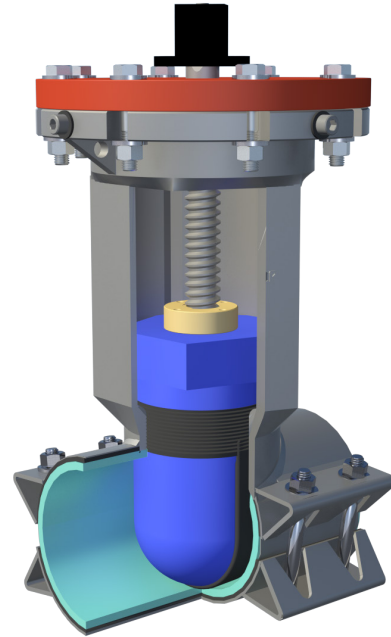
Stem Collar: No lead brass

Valve Body: 304 stainless steel

Valve Stem: 304 stainless steel

Washers: 5/8" 304 stainless steel

* For 4"-8" only, 10"-12" does not require body armor shields.



DESIGN SPECIFICATIONS:

Factory Pressure Test: Each Insta-Valve 250 is pressure tested and serialized for traceability before leaving our manufacturing facility.

Integrated Lifting Gussets: Incorporated to facilitate safe handling.

Insta-Valve 250 Valve Body Test and Working Pressures: 250 psi working pressure. Maximum 375 psi valve body test pressure.

Welds: Welds fully passivated for improved corrosion resistance.maintenance in the same manner as a resilient seated gate valve.

The 4"-12" Insta-Valve 250 is **NSF/ANSI Standard 61** and **NSF/ANSI Standard 372** to meet the regulatory requirements for the U.S. and Canada, assuring safe use in drinking water systems.

Option available to meet purchasing requirements specified in the **"Build America, Buy America Act"**, **"Buy American Act"**, **"Buy America"**, and **"American Iron and Steel"**.

Covered by United States Patent No. 9,829,141,B2 and United States Patent No. 9,644,779,B2. Additional patents pending. Specifications subject to change without notice.