

ASCO™ Lead-Free Brass¹ Valves

2-Way Valves with SDWA Compliance | 1/8" to 2" NPT

Applications

Lead Free water handling requiring Safe Drinking Water Act (SDWA) Section 1417 compliance:

- For clean industrial water applications
- Dishwashing
- General plumbing
- Water automation
- Commercial heat exchangers



Features & Benefits

Valves comply with Safe Drinking Water Act (SDWA) Section 1417 Lead Free requirements:

- Contains less than 0.25% lead in the wetted surface areas of the valves
- Simplifies the design of equipment meeting SDWA 1417
- Streamlines SDWA equipment installation and repair

Widest range of pressures, sizes and flows to meet application needs

- With pipe sizes ranging from 1/8" to 2", ASCO offers a lead-free valve for virtually every application

Zero Differential Pressure Operation

- Valves requiring zero differential pressure are available in sizes up to 1"

Rugged Design

- Utilizes the same design and construction as the trusted Series 210, 262, and 263 valves
- Lead-free brass¹ valves carry the same UL and CSA approvals as standard brass valves

Simplified Supply Chain

- Popular constructions are available through the Express shipping program which allows for fast part replacement and greater availability
- Lead-free valves offer the same water, air, and oil pressure ratings as regular brass ASCO valves, allowing for stock consolidation—one valve controls the flow of all fluids while meeting SDWA lead-free requirements

NSF/ANSI 372 Compliance

- All lead-free brass valves are compliant to NSF/ANSI 372 low lead requirements

Hot Water Constructions

- Hot water service @ 210 °F; Steam service @ 300 °F

Next Gen Coil Options

- Increase in DC pressure ratings to AC levels

Note: Look for the "LF" marking to ensure your product is Lead-Free Brass

Specifications

Operating Pressure Differential and Operation	Pipe Size in (mm)	Orifice Size in (mm)	Flow Cv (Kv)	Operating Pressure Differential, psi (bar)	Operating Pressure Differential, psi (bar)	Max. Fluid Temp. F (C)		Watt Rating / Insulation Class	
				Max. AC @ 131 °F (55 °C)	Max. DC @ 104 °F (40 °C)	Water	DC	AC	DC
0 psi Operating Pressure Differential Options									
Normally Closed Valves	1/8" - 1" (3 - 25)	3/32" - 1" (2.4 - 24.5)	0.21 - 13 (0.18 - 11.2)	54 - 410 (3.7 - 28.3)	33 - 160 (2.3 - 160)	180 (82)	150 - 180 (65 - 82)	1.5 - 16.1/F	1.2 - 30.8/F
Normally Open Valves	3/8" - 3/4" (9 - 19)	5/8" - 3/4" (15.9 - 19.0)	3 - 5.5 (2.6 - 4.7)	150 (10.3)	125 (8.6)	180 (82)	180 (82)	1.5 - 10.1/F	1.2 - 11.6/F/H
5 psi Operating Pressure Differential Options									
Normally Closed Valves	3/8" - 2" (9 - 50)	5/8" - 1 3/4" (15.9 - 44.5)	3 - 43 (2.6 - 37.2)	125 - 150 (8.6 - 10.3)	50 - 125 (3.4 - 8.6)	180 (82)	150 - 180 (65 - 82)	1.5 - 6.1/F	1.2 - 11.6/H
Normally Open Valves	1 - 2" (25 - 50)	1" - 1 3/4" (24.5 - 44.5)	13 - 43 (11.2 - 37.2)	125 - 150 (8.6 - 10.3)	150 (10.3)	180 (82)	180 (82)	1.5 - 16.1/F	15.8/F

¹The term "Lead-Free" for brass materials is defined by SDWA 1417 as having a maximum weighted average lead content of 0.25% on the wetted surface area.

For more information:
Emerson.com/LeadFree

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