



# Lead-Free Brass<sup>1</sup>

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

### APPLICATIONS

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

- Equipment in contact with drinking water
- Dishwashing
- General plumbing
- Water automation



### FEATURES & BENEFITS

- Valves comply with Safe Drinking Water Act (SDWA) Section 1417 Lead Free requirements
  - Contains less than 0.25% lead in 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 1", ASCO offers a lead-free brass<sup>1</sup> valve for virtually every application
- Zero Differential Pressure Operation
  - Valves requiring zero differential pressure are available in sizes up to 3/4"
- Rugged Design
  - Utilizes the same design and construction as the trusted 8210, 8262, and 8263 valve series
  - Lead-free brass<sup>1</sup> valves carry the same UL and CSA approvals as standard brass valves
- Simplified Supply Chain
  - Popular constructions are available through the ASCO 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



### SPECIFICATIONS

| Pipe Size<br>in                                   | Orifice Size<br>in (mm) | Flow<br>Cv (Kv) | Operating Pressure Differential, psi (bar) |                        |          |                      |                        |          |                      | Maximum<br>Fluid Temp. °F (°C) |          | Catalog<br>Number | Watt Rating/<br>Insulation Class |        |
|---|-------------------------|-----------------|--|------------------------|----------|----------------------|------------------------|----------|----------------------|--------------------------------|----------|-------------------|----------------------------------|--------|
|   |                         |                 | Min.<br>Press                              | Max. AC @ 131 F (55 C) |          |                      | Max. DC @ 104 F (40 C) |          |                      |                                |          |                   | AC                               | DC     |
|   |                         |                 |  | Air-<br>Inert Gas      | Water    | Lt. Oil @<br>300 ssu | Air-<br>Inert Gas      | Water    | Lt. Oil @<br>300 ssu |                                |          |                   |                                  |        |
| General Service - Normally Closed, Direct Acting  |                         |                 |  |                        |          |                      |                        |          |                      |                                |          |                   |                                  |        |
| 1/8   | 1/8 (3.2)               | 0.35 (0.30)     | 0  | 185 (13)               | 180 (12) | 120 (8)              | 130 (9)                | 110 (8)  | 95 (7)               | 180 (82)                       | 180 (82) | 8262H002LF        | 6.1/F                            | 10.6/H |
| 1/4   | 3/32 (2.4)              | 0.21 (0.18)     | 0  | 370 (26)               | 330 (23) | 160 (11)             | 235 (16)               | 160 (11) | 160 (11)             | 180 (82)                       | 180 (82) | 8262H020LF        | 6.1/F                            | 10.6/H |
| 1/4   | 1/8 (3.2)               | 0.35 (0.30)     | 0  | 185 (13)               | 180 (12) | 90 (6)               | 130 (9)                | 110 (8)  | 90 (6)               | 180 (82)                       | 180 (82) | 8262H022LF        | 6.1/F                            | 10.6/H |
| 1/4   | 7/32 (5.6)              | 0.73 (0.63)     | 0  | 55 (4)                 | 54 (4)   | 40 (3)               | 38 (3)                 | 33 (2)   | 31 (2)               | 180 (82)                       | 180 (82) | 8262H013LF        | 6.1/F                            | 10.6/H |
| 3/8   | 5/32 (4.0)              | 0.52 (0.45)     | 0  | 210 (14)               | 185 (13) | 100 (7)              | 65 (4)                 | 63 (4)   | 50 (3)               | 180 (82)                       | 180 (82) | 8263H200LF        | 10.1/F                           | 11.6/H |
| General Service - Normally Closed, Pilot Operated |                         |                 |  |                        |          |                      |                        |          |                      |                                |          |                   |                                  |        |
| 1/2   | 5/8 (16)                | 4 (3.4)         | 5 (0.3)                                    | 200 (14)               | 150 (10) | 135 (9)              | 125 (9)                | 100 (7)  | 100 (7)              | 180 (82)                       | 150 (65) | 8210G002LF        | 6.1/F                            | 11.6/F |
| 1/2   | 5/8 (16)                | 4 (3.4)         | 0  | 150 (10)               | 150 (10) | -                    | 40 (3)                 | 40 (3)   | -                    | 180 (82)                       | 150 (65) | 8210G094LF        | 10.1/F                           | 11.6/F |
| 3/4   | 3/4 (19)                | 5 (4.3)         | 5 (0.3)                                    | 125 (9)                | 125 (9)  | 125 (9)              | 100 (7)                | 90 (6)   | 75 (5)               | 180 (82)                       | 150 (65) | 8210G009LF        | 6.1/F                            | 11.6/F |
| 3/4   | 3/4 (19)                | 5 (4.3)         | 0  | 150 (10)               | 150 (10) | -                    | 40 (3)                 | 40 (3)   | -                    | 180 (82)                       | 150 (65) | 8210G095LF        | 10.1/F                           | 11.6/F |
| 1   | 1 (25)                  | 13 (11)         | 5 (0.3)                                    | 150 (10)               | 150 (10) | 100 (7)              | 125 (9)                | 125 (9)  | 125 (9)              | 180 (82)                       | 150 (65) | 8210G004LF        | 6.1/F                            | 11.6/F |

<sup>1</sup> The 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.

