

SAFETY & RELIEF VALVES

Low Pressure Steam Heating Boiler Safety Valves

12-200 SERIES

Medium capacity safety valves protect ASME Section IV low pressure steam heating boilers. Cast bronze, full nozzle design features PTFE faced elastomer soft seating for dependable operation. Ideal for OEM applications.

ASME Section IV
 Sizes 2, 2-1/2" and 3"
 Factory set pressures 5-15 psi



Section IV
 Heating Boilers



APPLICATIONS:

Medium and large commercial and industrial steam heating and processing boilers.

FEATURES:

- All bronze construction
- PTFE-coated O-ring seat seal
- 3/8" NPT side tapping for drain
- Rust-proofed steel spring
- Top guided, high capacity design
- Registered in all Canadian provinces and territories, CRN #0G8547.5C
- National Board certified at 15 psig

DIMENSIONS AND WEIGHTS

| Model Number | Size (in./mm.) | | Wt./Ea. (lbs./kg.) | Dimensions (in./mm.) | | | |
|--------------|----------------|------------|--------------------|----------------------|------|------|------|
| | Inlet NPT | Outlet NPT | | A | B | C | D |
| 12-205 | 2M | 2F | 5.1 | 6.00 | 3.75 | 2.62 | 4.00 |
| | 50 | 50 | 2.3 | 152 | 95 | 67 | 102 |
| 12-206 | 2-1/2M | 2-1/2F | 8.4 | 8.50 | 5.25 | 3.06 | 4.00 |
| | 65 | 65 | 3.8 | 216 | 133 | 78 | 102 |
| 12-208 | 3M | 3F | 11.6 | 9.50 | 6.00 | 3.75 | 4.00 |
| | 80 | 80 | 5.3 | 241 | 152 | 95 | 102 |

NOTE: See Capacities page 15

10-512 MATERIALS

| Item | Component | Material |
|------|-----------------|---------------------------|
| 1 | Nozzle | Bronze ASTM B584 |
| 2 | Body | Bronze ASTM B584 |
| 3 | O-ring | Teflon Coated EPDM |
| 4 | Drive Screw | AISI 1010 Plated CR Steel |
| 5 | Nameplate | Aluminum |
| 6 | Handle Assembly | Steel, Plated |
| 7 | Disc | Brass ASTM B-16 |
| 10 | Stem | Brass ASTM B-16 |
| 11 | Spring | Stainless Steel |
| 12 | Spr. Washer | AISI 1010 Plated CR steel |
| 13 | Stem Nut | Brass ASTM B-16 |
| 14 | Retainer Ring | Brass ASTM B-16 |
| 15 | Guide | Brass ASTM B-16 |

ORDERING CODE:

Use two-digit suffix number to indicate set pressure and body finish.

P/N SUFFIX KEY

| Set Pressure psig | Suffix |
|-------------------|--------|
| 5 | -03 |
| 6 | -04 |
| 8 | -05 |
| 10 | -06 |
| 12 | -07 |
| 15 | -08 |

EXAMPLE:

12-205-08
 2" 12 Series set 15 psig

