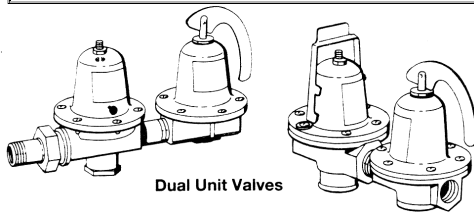


| | | | |
|--------------------|------------------------|--------------|--|
| JOB: | REPRESENTATIVE: | | |
| UNIT TAG: | ORDER NO. | DATE: | |
| ENGINEER: | SUBMITTED BY: | DATE: | |
| CONTRACTOR: | APPROVED BY: | DATE: | |



Dual Unit Valves

Lead Free* Combination Valves



DESCRIPTION

Combination (Dual Unit) Valves combine the functions of pressure reducing (fill) valve and a non-code pressure reducing relief valve. Both Valves are equipped with an EPDM diaphragm. The diaphragm operated relief valve operates with a low differential between opening and closing pressures. The diaphragm operated pressure reducing valve is equipped with an inlet strainer and built-in low inlet pressure check valve.

Models with "F" prefix feature fast fill. Models ending with "TU" feature 1/2 sweat/NPT union.

CONSTRUCTION

Lead Free Brass* body with corrosion resistant internal components.

*contains less than .25% lead by weight on wetted surfaces

| MODEL NUMBER | PART NUMBER | COMPONENT VALVES | BODY MAT'L | CONNECTIONS INCHES | | DIMENSIONS INCHES | | APPROX. SHIP. WT. LBS(Kg) | TAGGING INFORMATION | QTY. |
|--------------|-------------|------------------|------------------|--------------------|-----------|---------------------|------------------|---------------------------|---------------------|------|
| | | | | BOILER | FILL | BETWEEN CONNECTIONS | OVERALL HEIGHT | | | |
| 8 | 110199LF | RELIEF | Lead Free* BRASS | 1/2 NPT | 1/2 NPT | 6-7/16 (163.5) | 5-3/8 (136.5) | 4 (1.8) | | |
| | | B-38 | Lead Free* BRASS | | 1/2 NPT | | | | | |
| F-3 | 110197LF | RELIEF | Lead Free* BRASS | 1/2 NPT | 1/2 NPT | 6-7/16 (163.5) | 6 (152.4) | 3-3/4 (1.7) | | |
| | | FB-38 | Lead Free* BRASS | | 1/2 NPT | | | | | |
| F-3TU | 110198LF | RELIEF | Lead Free* BRASS | 1/2 NPT | 1/2 UNION | 8-5/8 (219.1) | 6 (152.4) | 4 (1.8) | | |
| | | FB-38TU | Lead Free* BRASS | | NPT/SWEAT | | | | | |

MAXIMUM OPERATING TEMPERATURE 225 °F(107 °C) - MAXIMUM WORKING PRESSURE 125 PSIG (862 kPa)

PRESSURE SETTING

RELIEF VALVE: 30 PSI (206 kPa) STANDARD; NOT FIELD ADJUSTABLE
REDUCING VALVE: 12 PSI (83 kPa) STANDARD; FIELD ADJUSTABLE RANGE: 10 TO 25 PSI (69 to 172 kPa)

TYPICAL SPECIFICATIONS

Furnish and install as shown on plans, a combination pressure reducing (fill) valve, and non-code pressure relief valve both of which shall be equipped with EPDM diaphragm to facilitate operation of the valves and to protect the non-wetted components from the system fluid. The pressure reducing valve shall also has a brass inlet strainer and integral low inlet pressure check valve.

The pressure reducing valve shall be set to limit the system fill pressure to _____ psig, and the pressure relief valve shall be set to relieve system overpressure at 30 psig.

Each combination valve shall be Xylem Bell & Gossett Model No. _____ Dual Unit.

Xylem Inc.
8200 N. Austin Avenue
Morton Grove, IL 60053
Phone: (847)966-3700
Fax: (847)965-8379
www.bellgossett.com

