

F, FWC MINIATURE RELIEF VALVES

APPLICATIONS:

For commercial and industrial applications including thermal expansion protection, static pressure and over-pressure relief, very low capacity pump relief and other uses of similar nature where tight shut-off is required.

SIZES: See Table Below

FEATURES:

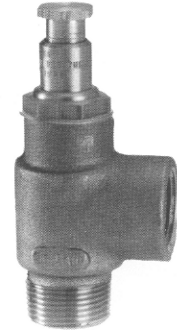
Small, low-cost relief valves suitable for static over-pressure protection. Calibrated adjusting screw for occasional changes in pressure setting

without the use of a pressure gauge (FWC only). Bronze bodies with male inlet and female outlet, silicone seat and stainless steel spring. F-Series standard factory pressure setting, 125 psi. FWC valve standard factory pressure setting, 125 psi.

OPTIONS:

F-Series psi setting from 25 to 200.
FWC psi settings from 25 to 175.

FOR MORE INFORMATION, WRITE OR CALL FOR BULLETIN RLF.



| TYPE | SIZE | | DIMENSIONS | | | | | | SHIPPING WEIGHT | |
|------|-----------|---------|------------|----|--------|----|--------|----|-----------------|-----|
| | | | A | | B | | C | | | |
| | inches | mm | inches | mm | inches | mm | inches | mm | lbs. | kg. |
| FWC | 1/2 | 15 | 1-5/16 | 33 | 2-5/8 | 67 | 1-1/2 | 38 | 3/4 | .34 |
| FWC | 3/4 | 20 | 1-7/16 | 37 | 2-5/8 | 67 | 1-1/2 | 38 | 3/4 | .34 |
| F | 1/2 x 1/2 | 15 x 15 | 1-1/8 | 29 | 1-1/8 | 29 | 1-1/4 | 32 | 1/2 | .23 |
| FP | 1/2 x 3/8 | 15 x 10 | 1 | 25 | 1-1/8 | 29 | 1-1/8 | 29 | 1/2 | .23 |
| FW | 1/2 | 15 | 1-3/16 | 30 | 1-1/2 | 38 | 1-3/8 | 35 | 5/8 | .28 |
| FW | 3/4 | 20 | 1-1/4 | 32 | 1-1/2 | 38 | 1-3/8 | 35 | 5/8 | .28 |

FV SELF-CLOSING T&P VALVE

APPLICATIONS:

Commercial & domestic hot water heating devices.

SIZES: 3/4", 1", 1-1/4", 1-1/2", 2"

FEATURES:

Design AGA certified per ANSI Z21.22 Relief Valves and Automatic Gas Shutoff Devices. Bronze body, stainless steel spring, furnished with test lever. Standard factory setting is 150 psi. Temperature relief is 210°F (99°C). All FV Series valves through 1-1/4" have coated thermal elements. Protects against corrosion and mineral build-up.

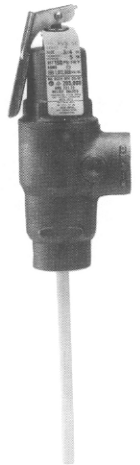
The coating also isolates the copper from galvanic action within the heater. The 1-1/2" FVX-4 and the 2" FVMX-3 have stainless steel elements. Male or female inlet connections; female outlet connections.

OPTIONS:

Available with psi settings from 75 to 150. Available with stem lengths of 3", 4", 5", or 8" depending on type selected.

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| TYPE | SERIES | INLET | DRAIN | ELEMENT EXTENSION LENGTH | CGA & AGA RATING | ASME RELIEF RATING AT PRESSURE SETTING BELOW - (btu/hr.) | | | | SHIP. WT. lbs. |
|---------|--------|---------|---------|--------------------------|------------------|--|-----------|-----------|-----------|----------------|
| | | | | | | 75 psi | 100 psi | 125 psi | 150 psi | |
| FVX-3C | 4 | 3/4"f | 3/4"f | 2-7/8" | 185,000 | 1,034,000 | 1,327,000 | 1,619,000 | 1,912,000 | 1-1/4 |
| FVX-5C | 4 | 3/4"f | 3/4"f | 4-9/16" | 205,000 | 1,034,000 | 1,327,000 | 1,619,000 | 1,912,000 | 1-1/4 |
| FVX-8C | 4 | 3/4"f | 3/4"f | 7-3/4" | 205,000 | 1,034,000 | 1,327,000 | 1,619,000 | 1,912,000 | 1-1/4 |
| FVMX-3C | 4 | 3/4"m | 3/4"f | 2-11/16" | 185,000 | 1,034,000 | 1,327,000 | 1,619,000 | 1,912,000 | 1-1/4 |
| FVMX-5C | 4 | 3/4"m | 3/4"f | 4-3/8" | 205,000 | 1,034,000 | 1,327,000 | 1,619,000 | 1,912,000 | 1-1/4 |
| FVMX-8C | 4 | 3/4"m | 3/4"f | 7-9/16" | 205,000 | 1,034,000 | 1,327,000 | 1,619,000 | 1,912,000 | 1-1/4 |
| FVX-3C | 4 | 1"f | 1"f | 3" | 500,000 | 1,165,000 | 1,495,000 | 1,825,000 | 2,155,000 | 1-1/2 |
| FVX-5C | 4 | 1"f | 1"f | 4-3/4" | 500,000 | 1,165,000 | 1,495,000 | 1,825,000 | 2,155,000 | 1-1/2 |
| FVMX-3C | 4 | 1"m | 1"f | 3-1/16" | 500,000 | 1,165,000 | 1,495,000 | 1,825,000 | 2,155,000 | 1-1/2 |
| FVMX-5C | 4 | 1"m | 1"f | 4-3/4" | 500,000 | 1,165,000 | 1,495,000 | 1,825,000 | 2,155,000 | 1-1/2 |
| FVX-5L | 15 | 1"f | 1"f | 4-13/16" | 750,000 | 1,961,000 | 2,515,000 | 3,070,000 | 3,625,000 | 2-1/2 |
| FVX-8L | 15 | 1"f | 1"f | 8-1/8" | 750,000 | 1,961,000 | 2,515,000 | 3,070,000 | 3,625,000 | 2-1/2 |
| FVMX-4L | 15 | 1-1/4"m | 1"f | 3-31/32" | 750,000 | 1,961,000 | 2,515,000 | 3,070,000 | 3,625,000 | 2-1/2 |
| FVX-4 | - | 1-1/2"f | 1-1/2"f | 4-1/8" | 1,200,000 | 3,273,000 | 4,199,000 | 5,125,000 | 6,050,000 | 4-1/4 |
| FVMX-3 | - | 2"m | 1-1/2"f | 3-1/4" | 1,200,000 | 3,273,000 | 4,199,000 | 5,125,000 | 6,050,000 | 4-1/4 |



HV NB SPS
A.S.M.E. LISTED & RATED
C.G.A. DESIGN CERTIFIED
A.G.A. DESIGN CERTIFIED

"f" is female "m" is male NOTE: As tested and rated by the National Board of Boiler Pressure Vessel Inspectors - Section IV.