



TEMPERATURE & PRESSURE RELIEF VALVES

FVX/FVMX

COMMERCIAL, RESIDENTIAL

The FVX Series combination temperature and pressure relief valves are designed to offer high capacity protection for domestic and commercial water heating devices. The FVX Series Valves are fully automatic with the valves resetting after either temperature or pressure relief.

The larger FVX Series Valves are well suited for such commercial applications as restaurants, hospitals and laundries.

All FVX Series valves through 1-1/4" have coated thermal elements that protect against mineral build-up. The 1-1/2" and 2" valves have stainless steel elements. The FVX Series Valves are available with male (FVMX) or female (FVX) inlet connections and female only outlet connections.

FEATURES AND BENEFITS:

- Offers high capacity protection for domestic and commercial hot water heating devices
- The valves reseal automatically after either temperature or pressure relief
- The larger series valves are well suited for commercial applications
- Every valve is tested for performance prior to shipping

PERFORMANCE:

Available Set Pressures 75-150 psi
 Temperature Relief 210°F (98.9°C)
 Service Hot water

APPLICATIONS:

Commercial and domestic hot water heating applications.

AVAILABLE CONNECTIONS:

Threaded (NPT) Male or female inlet and female outlet

APPROVALS AND LISTINGS:

CSA Listed to ANSI Z21.22/CSA 4.4; NB Listed to ASME Boiler Code Section IV.



FVX SERIES (FEMALE INLET)						
CSA (ANSI Z21.22/CSA 4.4) & ASME (BOILER CODE SECTION IV) RATINGS						
Type	Inlet Size (NPS)	CSA Rating (BTU/hr)	ASME Rating at Pressure Setting Indicated			
			75 psig (BTU/hr)	100 psig (BTU/hr)	125 psig (BTU/hr)	150 psig (BTU/hr)
FVX-3C	3/4"	185,000	1,034,000	1,327,000	1,619,000	1,912,000
FVX-5C	3/4"	205,000	1,034,000	1,327,000	1,619,000	1,912,000
FVX-8C	3/4"	205,000	1,034,000	1,327,000	1,619,000	1,912,000
FVX-3C	1"	500,000	1,165,000	1,495,000	1,825,000	2,155,000
FVX-5C	1"	500,000	1,165,000	1,495,000	1,825,000	2,155,000
FVX-5L	1"	750,000	1,960,000	2,515,000	3,070,000	3,625,000
FVX-8L	1"	750,000	1,960,000	2,515,000	3,070,000	3,625,000
FVX-4	1-1/2"	1,200,000	3,273,000	4,199,000	5,125,000	6,050,000

FVX/FVMX CONT.

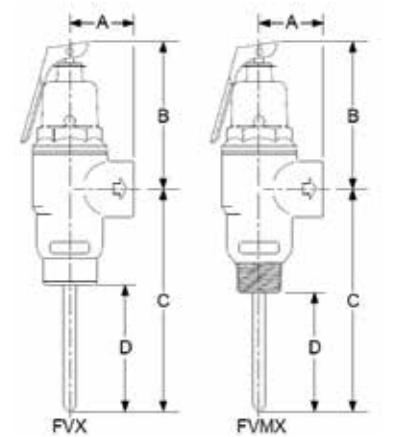
TEMPERATURE & PRESSURE RELIEF VALVES



FVMX SERIES (MALE INLET)						
CSA (ANSI Z21.22/CSA 4.4) & ASME (BOILER CODE SECTION IV) RATINGS						
Type	Inlet Size (NPS)	CSA Rating (BTU/hr)	ASME Rating at Pressure Setting Indicated			
			75 psig (BTU/hr)	100 psig (BTU/hr)	125 psig (BTU/hr)	150 psig (BTU/hr)
FVMX-3C	3/4"	185,000	1,034,000	1,327,000	1,619,000	1,912,000
FVMX-5C	3/4"	205,000	1,034,000	1,327,000	1,619,000	1,912,000
FVMX-8C	3/4"	205,000	1,034,000	1,327,000	1,619,000	1,912,000
FVMX-1LS	3/4"	185,000	1,034,000	1,327,000	1,619,000	1,912,000
FVMX-5LS	3/4"	205,000	1,034,000	1,327,000	1,619,000	1,912,000
FVMX-3C	1"	500,000	1,165,000	1,495,000	1,825,000	2,155,000
FVMX-5C	1"	500,000	1,165,000	1,495,000	1,825,000	2,155,000
FVMX-3LS	1"	500,000	1,165,000	1,495,000	1,825,000	2,155,000
FVMX-4LS	1"	500,000	1,165,000	1,495,000	1,825,000	2,155,000
FVMX-6LS	1"	500,000	1,165,000	1,495,000	1,825,000	2,155,000
FVMX-4L	1-1/4"	750,000	1,960,000	2,515,000	3,070,000	3,625,000
FVMX-3	2"	1,200,000	3,273,000	4,199,000	5,125,000	6,050,000

FVX SERIES (FEMALE INLET)						
Type	Inlet Size (NPS) Female	Outlet Size (NPS) Female	Dimensions (inches)			
			A	B	C	D
FVX-3C	3/4"	3/4"	1-1/2	3-15/32	5-7/32	3
FVX-5C	3/4"	3/4"	1-1/2	3-15/32	6-7/8	4-5/8
FVX-8C	3/4"	3/4"	1-1/2	3-15/32	10-1/8	7-7/8
FVX-3C	1"	1"	1-9/16	3-15/32	5-7/32	3-3/32
FVX-5C	1"	1"	1-9/16	3-15/32	6-7/8	4-3/4
FVX-5L	1"	1"	1-3/4	4-3/8	5-7/8	4-3/4
FVX-8L	1"	1"	1-3/4	4-3/8	9-1/4	8-5/32
FVX-4	1-1/2"	1-1/2"	2-1/2	5-7/8	5-7/8	4-3/16

FVMX SERIES (MALE INLET)						
Type	Inlet Size (NPS) Male	Outlet Size (NPS) Female	Dimensions (inches)			
			A	B	C	D
FVMX-3C	3/4"	3/4"	1-1/2	3-15/32	5-7/32	2-25/32
FVMX-5C	3/4"	3/4"	1-1/2	3-15/32	6-7/8	4-7/16
FVMX-8C	3/4"	3/4"	1-1/2	3-15/32	10-1/8	7-11/16
FVMX-1LS	3/4"	3/4"	1-17/32	3-15/32	5-7/32	1-15/32
FVMX-5LS	3/4"	3/4"	1-17/32	3-15/32	9-3/32	5-3/8
FVMX-3C	1"	1"	1-9/16	3-15/32	5-7/32	3-1/8
FVMX-5C	1"	1"	1-9/16	3-15/32	6-7/8	4-25/32
FVMX-3LS	1"	1"	1-19/32	3-15/32	6-7/8	3
FVMX-4LS	1"	1"	1-19/32	3-15/32	6-7/8	4-1/16
FVMX-6LS	1"	1"	1-19/32	3-15/32	10-1/8	6-1/4
FVMX-4L	1-1/4"	1"	1-3/4	4-11/32	5-7/8	3-29/32
FVMX-3	2"	1-1/2"	2-15/32	5-27/32	5-27/32	3-5/16





TEMPERATURE & PRESSURE RELIEF VALVES

FVX/FVMX CONT.

PRODUCT DESCRIPTION	PART NUMBER
FVX & FVMX COMMERCIAL TEMPERATURE AND PRESSURE RELIEF VALVES	
3/4" FVX-3C Female Inlet	16930-0150
3/4" FVX-5C Female Inlet	16931-0150
3/4" FVX-8C Female Inlet	16932-0150
3/4" FVMX-3C Male Inlet	16933-0150
3/4" FVMX-5C Male Inlet	16934-0150
3/4" FVMX-5LS Male Inlet	20682-0150
3/4" FVMX-8C Male Inlet	16935-0150
3/4" FVMX-1LS Male Inlet, Long Shank	20113-0150
1" FVX-3C Female Inlet	16936-0150
1" FVX-5C Female Inlet	16937-0150
1" FVX-5L Female Inlet	15638-0150
1" FVX-8L Female Inlet	17354-0150
1" FVMX-3C Male Inlet	16938-0150
1" FVMX-5C Male Inlet	16939-0150
1" FVMX-3LS Male Inlet, Long Shank	19784-0150
1" FVMX-4LS Male Inlet, Long Shank	22894-0150
1-1/4" X 1" FVMX-4L Male Inlet, Long Shank	15672-0150
1-1/2" FVX-4 Female Inlet, Long Shank	16221-0150
2" X 1-1/2" FVMX-3 Male Inlet	16225-0150
LEAD FREE FVX & FVMX COMMERCIAL TEMPERATURE AND PRESSURE RELIEF VALVES	
3/4" FVX-3C Female Inlet	23258-0150
3/4" FVX-5C Female Inlet	23256-0150
3/4" FVX-8C Female Inlet	23355-0150
3/4" FVMX-3C Male Inlet	23274-0150
3/4" FVMX-5C Male Inlet	23255-0150
3/4" FVMX-8C Male Inlet	23275-0150
3/4" FVMX-1LS Male Inlet, Long Shank	23260-0150
1" FVX-3C Female Inlet	23259-0150
1" FVX-5C Female Inlet	23931-0150
1" FVX-5L Female Inlet	23257-0150
1" FVX-8L Female Inlet	23273-0150
1" FVMX-3C Male Inlet	23253-0150
1" FVMX-5C Male Inlet	23276-0150
1-1/4" X 1" FVMX-4L Male Inlet, Long Shank	23934-0150
1-1/2" FVX-4 Female Inlet, Long Shank	23935-0150
2" X 1-1/2" FVMX-3 Male Inlet	23936-0150
2" X 1-1/2" FVMX-3 Male Inlet	23936-0150



TEMPERATURE & PRESSURE RELIEF VALVES

FWL

COMMERCIAL, RESIDENTIAL

The FWL-2 is a pressure only relief valve designed specifically for the protection of hot water supply systems where over-pressure conditions are likely to occur as a result of thermal expansion.

Completely automatic, the FWL-2 reseats after pressure relief. The valve may be installed directly on the tank or in a tee and is appropriate for either side (hot or cold) of the water heater.

The FWL-2 is fitted with a bronze body, brass and stainless steel internal parts, a silicone seat disc and a stainless steel pressure spring. The FWL-2 is compact and economical. The factory relief settings for 1/2" and 3/4" sizes are 75, 125 or 150 psi.

FEATURES AND BENEFITS:

- Specifically for the protection of hot water supply systems
- Offers protection from over-pressure conditions that are likely to occur as a result of thermal expansion
- Compact and economical
- Every valve is tested for performance prior to shipping

PERFORMANCE:

Available Set pressures 150 psi (75 and 125 psi available)
Service Water

APPLICATIONS:

Commercial and domestic hot water heating applications.

AVAILABLE CONNECTIONS:

Threaded (NPT) Male inlet and female outlet

APPROVALS AND LISTINGS:

CSA Listed to ANSI Z21.22/CSA 4.4; NB listed to ASME Boiler Code Section IV (FWOL are not Listed; 1/2" sizes are CSA Listed only).

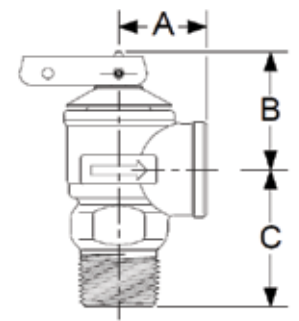


CSA (ANSI Z21.22/CSA 4.4) & ASME (BOILER CODE SECTION IV) RATINGS					
Type	Size (NPS)	ASME Rating at Pressure Setting Indicated			
		CSA Rating (BTU/hr)	75 psig (BTU/hr)	125 psig (BTU/hr)	150 psig (BTU/hr)
FWL-2	1/2"	15,000 (1)	N/R (1)	N/R	N/R
FWL-2	3/4"	200,000 (1)	N/R (1)	500,000	500,000

(1) The 1/2" and 3/4" FWL-2 at 75 psig are not CSA or ASME rated.

(2) N/R indicates Type is available but Not ASME Rated at the indicated pressure set.

Type	Size (NPS)	DIMENSIONS (inches)		
		A	B	C
FWL-2	1/2"	1-3/32	1-9/16	1-25/32
FWL-2	3/4"	1-5/32	1-9/16	1-25/32



PRODUCT DESCRIPTION	PART NUMBER
FWL-2 PRESSURE RELIEF VALVES	
1/2" FWL-2 Pressure only	14721-0150
3/4" FWL-2 Pressure only, AGA & ASME	14737-0150
LEAD FREE FWL-2 PRESSURE RELIEF VALVES	
3/4" FWL-2 Pressure only, AGA & ASME Lead Free	23343-0150
FWOL PRESSURE ONLY RELIEF VALVES WITHOUT LIFT LEVER	
3/4" Pressure only, Male Inlet / Female Outlet without Lift Lever	22834-0125
3/4" Pressure only, Male Inlet / Female Outlet without Lift Lever	22835-0100
3/4" Pressure only, Male Inlet / Female Outlet without Lift Lever	22836-0075
1/2" Pressure only, Male Inlet / Female Outlet without Lift Lever	22862-0125
1/2" Pressure only, Male Inlet / Female Outlet without Lift Lever	22863-0100
1/2" Pressure only, Male Inlet / Female Outlet without Lift Lever	22864-0075