

Relief Valves Pressure Only & Pressure/Temperature

RATED CAPACITIES

F-82 ASME Safety Relief Valve					
A.S.M.E. Relief Capacities - BTUH					
Set Pressure	3/4" x 3/4"	1" x 1"	1-1/4" x 1-1/4"	1-1/2" x 1-1/2"	2" x 2"
30 PSI	717,000	1,025,000	1,704,000	2,085,000	3,902,000
50 PSI	1,048,000	1,498,000	2,490,000	3,047,000	5,701,000
75 PSI	1,462,000	2,090,000	3,472,000	4,249,000	7,951,000
100 PSI	1,875,000	2,680,000	4,454,000	5,451,000	10,200,000
125 PSI	2,289,000	3,271,000	5,437,000	6,653,000	12,450,000
150 PSI	2,703,000	3,862,000	6,419,000	7,855,000	14,700,000

F-95 A.S.M.E. Safety Relief Valve					
A.S.M.E. Relief Capacities - BTUH					
Set Pressure PSI	3/4" x 1"	1 x 1-1/4"	1-1/4" x 1-1/2"	1-1/2" x 2"	2 x 2-1/2"
30	952,000	1,337,000	2,090,000	3,010,000	5,351,000
35	1,062,000	1,491,000	2,331,000	3,356,000	5,967,000
40	1,172,000	1,645,000	2,571,000	3,703,000	6,583,000
45	1,281,000	1,800,000	2,813,000	4,051,000	7,202,000
50	1,391,000	1,954,000	3,054,000	4,398,000	7,819,000
55	1,501,000	2,108,000	3,295,000	4,745,000	8,436,000
60	1,611,000	2,262,000	3,536,000	5,092,000	9,053,000
65	1,721,000	2,416,000	3,777,000	5,439,000	9,670,000
70	1,830,000	2,570,000	4,018,000	5,786,000	10,287,000
75	1,940,000	2,725,000	4,259,000	6,133,000	10,904,000

NCLX T&P Safety Relief Valve					
Domestic Relief Valve Capacity Chart					
A.G.A., C.G.A., A.S.M.E. RATINGS					
Type	Series	Size	Element Extension Length	C.G.A. Rating (BTUH)	A.S.M.E. Rating at 125 & 150 PSI (BTUH)
NCLX-1	8	1/2"	1-7/16"	15,000	**
NCLX-1	8	3/4"	1-7/16"	95,000	500,000
NCLX-5	7	1/2"	3"	15,000	**
NCLX-5	7	3/4"	3"	105,000	500,000
NCLX-5L	7	3/4"	2-1/8"	105,000	500,000
NCLX-LS	7	3/4"	1-9/16"	105,000	608,000
NCLX-8	4	3/4"	8"	105,000	500,000

** = Non-A.S.M.E. certified

FVX Safety Relief Valve									
Commercial Relief Valve Capacity Chart									
A.G.A., C.G.A., A.S.M.E. RATINGS						A.S.M.E. Relief Rating At Pressure Setting Below (BTUH)			
Type	Series	Inlet	Drain	Element Extension Length	A.G.A./C.G.A. Rating (BTUH)	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
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
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
FVMX-3C	4	3/4"m	3/4"m	2-11/16"	185,000	1,034,000	1,327,000	1,619,000	1,912,000
FVMX-5C	4	3/4"m	3/4"m	4-3/8"	205,000	1,034,000	1,327,000	1,619,000	1,912,000
FVMX-8C	4	3/4"m	3/4"m	7-9/16"	205,000	1,034,000	1,327,000	1,619,000	1,912,000
FVX-3C	4	1"f	1"f	3"	500,000	1,165,000	1,495,000	1,825,000	2,155,000
FVX-5C	4	1"f	1"f	4-3/4"	500,000	1,165,000	1,495,000	1,825,000	2,155,000
FVMX-3C	4	1"m	1"m	3-1/16"	500,000	1,165,000	1,495,000	1,825,000	2,155,000
FVMX-5C	4	1"m	1"m	4-3/4"	500,000	1,165,000	1,495,000	1,825,000	2,155,000
FVX-5L	15	1"f	1"f	4-13/16"	750,000	1,960,000	2,515,000	3,070,000	3,625,000
FVX-8L	15	1"f	1"f	8-1/8"	750,000	1,960,000	2,515,000	3,070,000	3,625,000
FVMX-4L	15	1-1/4"m	1"m	3-31/32"	750,000	1,960,000	2,515,000	3,070,000	3,625,000
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
FVMX-3	-	2"m	1-1/2"m	3-1/4"	1,200,000	3,273,000	4,199,000	5,125,000	6,050,000

"f" = female, "m" = male