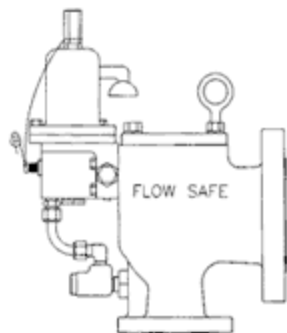


DIMENSIONS AND WEIGHTS

F7000/8000 Series

Flanged



Important: Make sure that the valve orifice area matches that of the inlet piping. i.e. it must be no greater than the piping area. Otherwise, the piping becomes the flow restriction, not the valve.

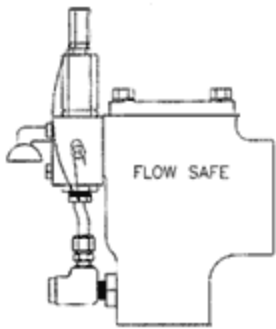
| | | | | | Demensions | | | |
|---------|-------------------------------------|-------------------------------------|--------------|---------------|------------|------|--------|-------------------|
| Flanged | Available Full Bore Orifice (F7000) | Available Reduced Orifice (F8000)** | Inlet flange | Outlet flange | A | B | C* | Approx weight lbs |
| | | | | | | | approx | |
| | .957 " (.72 in. ²) | D,E,F | 1'-150# | 2'-150# | 4.38 | 4.38 | 13.25 | 40 |
| | | D,E,F | 1'-300# | 2'-150# | 4.38 | 4.38 | 13.25 | 40 |
| | | D,E,F | 1'-600# | 2'-150# | 4.38 | 4.38 | 13.25 | 45 |
| | | D,E,F | 1'-900# | 2'-300# | 4.94 | 4.38 | 13.80 | 50 |
| | .815 " (.521 in. ²) | D,E,F | 1'-1500# | 2'-300# | 4.94 | 4.50 | 13.80 | 50 |
| | .599 " (.282 in. ²) | D,E | 1'-2500# | 2'-300# | 4.94 | 4.50 | 13.80 | 55 |
| | 1.500 " (1.77 in. ²) | F,G,H | 1-1/2-150 | 3"-150# | 5.12 | 4.87 | 14.60 | 50 |
| | | F,G,H | 1-1/2-300 | 3"-150# | 5.12 | 4.87 | 14.60 | 50 |
| | | F,G,H | 1-1/2-600 | 3"-150# | 5.12 | 4.87 | 14.60 | 55 |
| | 1.337 " (1.403 in. ²) | F,G,H | 1-1/2-900 | 3"-300# | 5.62 | 4.87 | 15.10 | 80 |
| | | F,G,H | 1-1/2-1500 | 3"-300# | 5.62 | 4.87 | 15.10 | 80 |
| | 1.100 " (.850 in. ²) | F,G,H | 1-1/2-2500 | 3"-300# | 5.62 | 4.87 | 15.75 | 90 |
| | | | | | | | | |

| | | | | | | | | |
|-----------------------------------|-----------------------------------|---------|----------|---------|-------|-------|-------|-----|
| 1.939 " (2.95 in. ²) | G,H,J | 2"150# | 3"-150# | 5.37 | 4.87 | 15.70 | 60 | |
| | G,H,J | 2"300# | 3"-150# | 5.37 | 4.87 | 15.70 | 60 | |
| | G,H,J | 2"600# | 3"-150# | 5.37 | 4.87 | 15.70 | 65 | |
| | 1.889 " (2.230 in. ²) | G,H,J | 2"900# | 3"-300# | 6.56 | 4.87 | 16.40 | 80 |
| | | G,H,J | 2"1500# | 3"-300# | 6.56 | 4.87 | 16.40 | 80 |
| | | | 2"2500# | 3"-300# | 6.56 | 4.87 | 16.40 | 95 |
| | | | | | | | | |
| 2.900 " (6.60 in. ²) | J,K,L | 3"150# | 4"-150# | 6.13 | 6.38 | 18.25 | 100 | |
| | J,K,L | 3"300# | 4"-150# | 6.38 | 6.38 | 18.40 | 100 | |
| | J,K,L | 3"600# | 4"-150# | 6.38 | 6.38 | 18.40 | 100 | |
| | 2.524 " (5.406 in. ²) | J,K,L | 3"900# | 4"-300# | 7.50 | 6.38 | 17.80 | 130 |
| | | J,K,L | 3"1500# | 4"-300# | 7.50 | 6.38 | 17.80 | 145 |
| | | | | | | | | |
| 3.816 " (11.43 in. ²) | L,M,N,P | 4"-150# | 6"-150# | 7.75 | 8.25 | 18.75 | 185 | |
| | L,M,N,P | 4"-300# | 6"-150# | 7.75 | 8.25 | 18.75 | 185 | |
| | L,M,N,P | 4"-600# | 6"-150# | 7.75 | 8.25 | 18.75 | 195 | |
| | 3.438 " (.282 in. ²) | L,M,N,P | 4"-900# | 6"-300# | 9.81 | 8.25 | 20.80 | 265 |
| | | L,M,N,P | 4"-1500# | 6"-300# | 9.81 | 8.25 | 20.80 | 240 |
| | | | | | | | | |
| 5.760 " (26.06 in. ²) | Q,R | 6"-150# | 8"-150# | 9.44 | 9.50 | 22.75 | 270 | |
| | Q,R | 6"-300# | 8"-150# | 9.44 | 9.50 | 22.75 | 270 | |
| | Q,R | 6"-600# | 8"-150# | 10.00 | 9.50 | 23.35 | 310 | |
| | | | | | | | | |
| 7.625 " (45.66 in. ²) | T | 8"-150# | 10"-150# | 10.88 | 11.00 | 20.50 | 270 | |
| | T | 8"-300# | 10"-150# | 10.88 | 11.00 | 20.50 | 270 | |
| | T | 8"-600# | 10"-150# | 11.50 | 11.00 | 27.00 | 310 | |

* with F300 Pilot Valve deduct 2" for F200 Pilot Valve

** see page 7, F7000/8000 catalog for reduced orifice flow areas

Threaded



| | | | | | Demensions | | | |
|----------|---|-----------------------------------|-------------|-------------|------------|------|--------------|---------------|
| Threaded | Available Full Bore Orifice**** (F7000) | Available Reduced Orifice (F8000) | Inlet size | Outlet size | A | B | C* approx | Approx weight |
| | .957 " (.72 in. ²) | D,E,F | 1"FNPT | 2"FNPT | 5.06 | 3.00 | 14.00 | 35 |
| | 1.500 " (1.77 in. ²) | F,G,H | 1-1/2" FNPT | 3"FNPT | 4.63 | 3.75 | 14.13 | 45 |

** For pressure above ANSI 600# (1480psig), see orifice diameters listed above for flanged valves