

Full Port

Pilot-Operated
REGULATORS

| CAPACITIES – Steam (lbs/hr) | | | | | | | | | | | |
|-----------------------------|------------------------|------|------|------|--------|--------|-------|--------|-------|-------|-----------|
| | | | | | | | | | | | FULL PORT |
| Inlet Pressure (PSIG) | Outlet Pressure (PSIG) | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3" | 4" | 6" |
| C _v Factors | | 3.8 | 6.7 | 11 | 15 | 21 | 37 | 55 | 71 | 113 | 241 |
| 5 | 0 | 85 | 150 | 250 | 350 | 500 | 800 | 1200 | 1600 | 2600 | 5500 |
| | 2 | 80 | 140 | 230 | 310 | 440 | 770 | 1100 | 1500 | 2400 | 5100 |
| 7 | 0 | 115 | 200 | 325 | 450 | 600 | 1100 | 1650 | 2100 | 3600 | 7800 |
| | 2 | 105 | 180 | 300 | 400 | 575 | 1000 | 1500 | 2000 | 3100 | 6700 |
| | 3 | 90 | 160 | 275 | 375 | 525 | 900 | 1300 | 1800 | 2800 | 6000 |
| 10 | 0 | 150 | 260 | 425 | 575 | 850 | 1500 | 2200 | 2800 | 4600 | 9900 |
| | 2 | 140 | 240 | 400 | 550 | 800 | 1400 | 2100 | 2700 | 4300 | 9100 |
| | 5 | 100 | 175 | 300 | 400 | 600 | 1000 | 1600 | 2000 | 3200 | 6900 |
| 12 | 0 | 160 | 280 | 475 | 600 | 900 | 1600 | 2400 | 3100 | 4900 | 10300 |
| | 4 | 140 | 240 | 400 | 550 | 800 | 1400 | 2100 | 2700 | 4300 | 9100 |
| | 7 | 125 | 200 | 375 | 500 | 700 | 1200 | 1900 | 2400 | 3800 | 8200 |
| 15 | 0-3 | 190 | 325 | 550 | 750 | 1000 | 1800 | 2700 | 3500 | 5600 | 12000 |
| | 5 | 175 | 300 | 500 | 700 | 900 | 1700 | 2500 | 3200 | 5200 | 11100 |
| | 8 | 140 | 250 | 400 | 500 | 800 | 1300 | 2000 | 2600 | 4200 | 8900 |
| 20 | 0-5 | 210 | 375 | 625 | 850 | 1200 | 2100 | 3100 | 4000 | 6400 | 13700 |
| | 10 | 190 | 325 | 550 | 750 | 1000 | 1800 | 2700 | 3500 | 5600 | 12000 |
| | 12 | 170 | 300 | 500 | 675 | 950 | 1600 | 2500 | 3200 | 5100 | 10800 |
| 25 | 0-7 | 250 | 450 | 775 | 1050 | 1500 | 2600 | 3800 | 5000 | 7900 | 16900 |
| | 10 | 225 | 425 | 700 | 975 | 1300 | 2400 | 3600 | 4600 | 7300 | 15600 |
| | 15 | 200 | 350 | 600 | 800 | 1100 | 2000 | 3000 | 3900 | 6200 | 13200 |
| 30 | 0-12 | 275 | 500 | 800 | 1100 | 1500 | 2700 | 4100 | 5200 | 8300 | 17800 |
| | 15 | 250 | 450 | 750 | 1000 | 1400 | 2500 | 3800 | 4900 | 7800 | 16600 |
| | 20 | 225 | 375 | 650 | 850 | 1200 | 2100 | 3200 | 4100 | 6500 | 14000 |
| 40 | 0-18 | 350 | 600 | 1000 | 1350 | 1900 | 3300 | 5000 | 6400 | 10300 | 21900 |
| | 25 | 300 | 500 | 850 | 1150 | 1600 | 2800 | 4200 | 5400 | 8700 | 18500 |
| | 30 | 250 | 425 | 700 | 1000 | 1400 | 2500 | 3700 | 4700 | 7600 | 16100 |
| 50 | 0-20 | 400 | 700 | 1200 | 1650 | 2300 | 4100 | 6000 | 7800 | 12400 | 26500 |
| | 30 | 350 | 650 | 1100 | 1500 | 2000 | 3600 | 5400 | 6900 | 11000 | 23600 |
| | 40 | 275 | 500 | 800 | 1100 | 1500 | 2700 | 4100 | 5200 | 8300 | 17800 |
| 60 | 0-30 | 475 | 850 | 1350 | 1900 | 2600 | 4600 | 6900 | 8900 | 14200 | 30300 |
| | 35 | 425 | 775 | 1250 | 1700 | 2400 | 4300 | 6400 | 8200 | 13100 | 27900 |
| | 50 | 300 | 525 | 850 | 1200 | 1600 | 2900 | 4300 | 5600 | 8900 | 19000 |
| 75 | 0-35 | 575 | 1000 | 1650 | 2300 | 3200 | 5600 | 8300 | 10800 | 17200 | 36600 |
| | 50 | 475 | 825 | 1350 | 1900 | 2600 | 4600 | 6900 | 8900 | 14100 | 30100 |
| | 60 | 400 | 700 | 1150 | 1600 | 2200 | 3900 | 5800 | 7400 | 11800 | 25200 |
| 90 | 0-45 | 675 | 1200 | 1950 | 2700 | 3700 | 6600 | 9800 | 12700 | 20200 | 43100 |
| | 60 | 575 | 1000 | 1700 | 2300 | 3200 | 5700 | 8500 | 10900 | 17400 | 37100 |
| | 75 | 425 | 750 | 1200 | 1700 | 2300 | 4100 | 6100 | 7900 | 12600 | 27000 |
| 100 | 0-50 | 750 | 1300 | 2100 | 3000 | 4100 | 7300 | 10800 | 14000 | 22200 | 47500 |
| | 60 | 700 | 1200 | 2000 | 2700 | 3800 | 6700 | 10000 | 12900 | 20500 | 43800 |
| | 80 | 500 | 875 | 1400 | 1900 | 2700 | 4800 | 7100 | 9200 | 14700 | 31300 |
| 125 | 0-60 | 925 | 1650 | 2700 | 3700 | 5200 | 9100 | 14000 | 17500 | 28000 | 59500 |
| | 75 | 825 | 1475 | 2400 | 3300 | 4600 | 8200 | 12200 | 15700 | 25000 | 53500 |
| | 100 | 625 | 1100 | 1800 | 2500 | 3500 | 6200 | 9200 | 11900 | 19000 | 40400 |
| 150 | 0-75 | 1100 | 1900 | 3100 | 4300 | 6000 | 10600 | 15800 | 20400 | 32400 | 69100 |
| | 100 | 925 | 1600 | 2700 | 3600 | 5100 | 9000 | 13400 | 17400 | 27700 | 59000 |
| | 125 | 650 | 1150 | 1900 | 2600 | 3600 | 6400 | 9500 | 12300 | 19600 | 41900 |
| 175 | 0-85 | 1275 | 2250 | 3700 | 5000 | 7100 | 12500 | 18600 | 24000 | 38200 | 81400 |
| | 125 | 1000 | 1800 | 2900 | 4000 | 5600 | 9900 | 14700 | 18900 | 30100 | 64300 |
| | 150 | 750 | 1300 | 2100 | 2900 | 4100 | 7300 | 10800 | 14000 | 22200 | 47500 |
| 200 | 0-100 | 1450 | 2500 | 4200 | 5700 | 8000 | 14100 | 21000 | 27100 | 43100 | 92000 |
| | 125 | 1300 | 2300 | 3700 | 5100 | 7100 | 12600 | 18700 | 24100 | 38400 | 81900 |
| | 150 | 1075 | 1900 | 3100 | 4300 | 6000 | 10600 | 15700 | 20300 | 32300 | 68900 |
| 225 | 0-120 | 1575 | 2800 | 4600 | 6200 | 8700 | 15400 | 22900 | 29500 | 47000 | 100200 |
| | 150 | 1450 | 2500 | 4200 | 5700 | 8000 | 14100 | 21000 | 27200 | 43300 | 92300 |
| | 175 | 1350 | 2400 | 3900 | 5300 | 7400 | 13100 | 19500 | 25200 | 40100 | 85500 |
| 250 | 0-130 | 1750 | 3100 | 5100 | 6900 | 9700 | 17100 | 25500 | 32900 | 53400 | 111800 |
| | 150 | 1650 | 2900 | 4700 | 6500 | 9100 | 16000 | 23800 | 30800 | 49000 | 104600 |
| | 200 | 1200 | 2100 | 3500 | 4800 | 6700 | 11900 | 17600 | 22800 | 36200 | 77300 |
| 300 | 0-160 | 2045 | 3605 | 5920 | 8075 | 11310 | 19220 | 29610 | 38230 | 60840 | 129750 |
| | 175 | 1945 | 3425 | 5625 | 7670 | 10740 | 18925 | 28130 | 36320 | 57800 | 123270 |
| | 200 | 1780 | 3140 | 5155 | 7030 | 9840 | 17340 | 25780 | 33275 | 52960 | 112950 |
| 400 | 0-200 | | | 7980 | | 1480 | 22000 | | 48800 | 78000 | |
| | 250 | | | 7550 | | 13800 | 23800 | | 46200 | 73950 | |
| | 300 | | | 6700 | | 12100 | 21200 | | 41000 | 65200 | |
| 450 | 0-225 | | | 8970 | | 16000 | 22000 | | 55000 | 87600 | |
| | 300 | | | 8500 | | 15000 | 26900 | | 52100 | 83200 | |
| | 350 | | | 7540 | | 13300 | 23900 | | 46200 | 73900 | |

Note: For inlet pressures in green shaded area, use low pressure main valve and low pressure temperature pilot. For 400 & 450 PSIG inlet pressures, use HSP regulator only.