



PSC250
 Pipeline Service Compressor

		DISCHARGE PRESSURE Max ΔP: 1440 psi / 9930 kPa														
PSI	kPa	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1440
		0	0	520 14.7	520 14.7	520 14.7	510 14.4	510 14.4	510 14.4	500 14.2	510 14.4	510 14.4	510 14.4	500 14.2	490 13.9	490 13.9
15	105	1060 30.0	1010 28.6	900 25.5	830 23.5	780 22.1	740 21.0	710 20.1	680 19.3	660 18.7	640 18.1	620 17.6	620 17.6	610 17.3	600 17.0	600 17.0
30	205	1330 37.7	880 24.9	830 23.5	710 20.1	670 19.0	640 18.1	600 17.0	600 17.0	600 17.0	590 16.7	580 16.4	570 16.1	570 16.1	560 15.9	560 15.9
50	345	1330 37.7	880 24.9	830 23.5	710 20.1	670 19.0	640 18.1	600 17.0	600 17.0	600 17.0	590 16.7	580 16.4	570 16.1	570 16.1	560 15.9	560 15.9
100	690	1330 37.7	880 24.9	830 23.5	710 20.1	670 19.0	640 18.1	600 17.0	600 17.0	600 17.0	590 16.7	580 16.4	570 16.1	570 16.1	560 15.9	560 15.9
200	1380		1390 39.4	1250 35.4	1110 31.4	990 28.0	870 24.6	760 21.5	710 20.1	700 19.8	690 19.5	680 19.3	670 19.0	660 18.7	650 18.4	650 18.4
300	2070			2080 58.9	1930 54.7	1790 50.7	1660 47.0	1530 43.3	1410 39.9	1290 36.5	1180 33.4	1070 30.3	1060 30.0	1050 29.7	1040 29.4	1030 29.2
400	2760				2780 78.7	2630 74.5	2490 70.5	2350 66.5	2220 62.9	2090 59.2	1970 55.8	1840 52.1	1730 49.0	1440 40.8	1430 40.5	1430 40.5
500	3445					3510 99.4	3360 95.1	3210 90.9	3070 86.9	2930 83.0	2800 79.3	2670 75.6	2540 71.9	1860 52.7	1850 52.4	1840 52.1
600	4135						4270 120.9	4110 116.4	3960 112.1	3820 108.2	3680 104.2	3540 100.2	3410 96.6	2470 69.9	2280 64.6	2270 64.3
700	4825							5050 143.0	4890 138.5	4740 134.2	4590 130.0	4450 126.0	4310 122.0	3130 88.6	2720 77.0	2710 76.7
800	5515								5850 165.7	5690 161.1	5540 156.9	5390 152.6	5240 148.4	4250 120.3	3170 89.8	3170 89.8
900	6205									6670 188.9	6510 184.3	6350 179.8	6200 175.6	5800 164.2	4220 119.5	3480 98.5
1000	6895										7500 212.4	7340 207.8	7180 203.3	7030 199.1	5740 162.5	5250 148.7
1100	7585											8340 236.2	8180 231.6	8020 227.1	7870 222.9	7180 203.3
1200	8275												9190 260.2	9030 255.7	8870 251.2	8810 249.5
1300	8965													10050 284.6	9890 280.1	9830 278.4
1400	9655														10920 309.2	10860 307.5
1440	9930															11270 319.1

Projected Performance based on 2500 ft, gas density .585, temp 68° F Flow rates in mscfd e3m3/day
 Steady state flow rate. Flow rate reduces with pipeline pressure during evacuation.

- Single Stage Operation - Screw Compressor Only
- Two Stage Operation - Screw Compressor and Reciprocating Compressor in Single Stage Operation
- Three Stage Operation - Screw Compressor and Reciprocating Compressor in Two Stage Operation
- Two Stage Operation - Reciprocating Compressor Only in Two Stage Operation
- Single Stage Operation - Reciprocating Compressor Only in Single Stage Operation