

# Oil-Lubricated Rotary Screw Compressor Output Chart

	6 bar 87 PSI	8 bar 116 PSI	9 bar 131 PSI	10 bar 145 PSI
<b>2.2 kW</b> <b>3.0 HP</b>	0.35 m <sup>3</sup> /min 12 CFM 350 L/min	0.33 m <sup>3</sup> /min 12 CFM 329 L/min	0.32 m <sup>3</sup> /min 11 CFM 319 L/min	0.31 m <sup>3</sup> /min 11 CFM 310 L/min
<b>3.0 kW</b> <b>4.0 HP</b>	0.50 m <sup>3</sup> /min 18 CFM 500 L/min	0.47 m <sup>3</sup> /min 17 CFM 470 L/min	0.46 m <sup>3</sup> /min 16 CFM 456 L/min	0.44 m <sup>3</sup> /min 16 CFM 442 L/min
<b>4.0 kW</b> <b>5.4 HP</b>	0.65 m <sup>3</sup> /min 23 CFM 650 L/min	0.61 m <sup>3</sup> /min 22 CFM 611 L/min	0.59 m <sup>3</sup> /min 21 CFM 593 L/min	0.57 m <sup>3</sup> /min 20 CFM 575 L/min
<b>5.5 kW</b> <b>7.4 HP</b>	0.90 m <sup>3</sup> /min 32 CFM 900 L/min	0.85 m <sup>3</sup> /min 30 CFM 846 L/min	0.82 m <sup>3</sup> /min 29 CFM 821 L/min	0.80 m <sup>3</sup> /min 28 CFM 796 L/min
<b>7.5 kW</b> <b>10.1 HP</b>	1.30 m <sup>3</sup> /min 46 CFM 1300 L/min	1.22 m <sup>3</sup> /min 43 CFM 1222 L/min	1.19 m <sup>3</sup> /min 42 CFM 1185 L/min	1.15 m <sup>3</sup> /min 41 CFM 1150 L/min
<b>11.0 kW</b> <b>14.8 HP</b>	1.90 m <sup>3</sup> /min 67 CFM 1900 L/min	1.79 m <sup>3</sup> /min 63 CFM 1786 L/min	1.73 m <sup>3</sup> /min 61 CFM 1732 L/min	1.68 m <sup>3</sup> /min 59 CFM 1680 L/min
<b>15.0 kW</b> <b>20.1 HP</b>	2.60 m <sup>3</sup> /min 92 CFM 2600 L/min	2.44 m <sup>3</sup> /min 86 CFM 2444 L/min	2.37 m <sup>3</sup> /min 84 CFM 2371 L/min	2.30 m <sup>3</sup> /min 81 CFM 2300 L/min
<b>18.5 kW</b> <b>24.8 HP</b>	3.20 m <sup>3</sup> /min 113 CFM 3200 L/min	3.01 m <sup>3</sup> /min 106 CFM 3008 L/min	2.92 m <sup>3</sup> /min 103 CFM 2918 L/min	2.83 m <sup>3</sup> /min 100 CFM 2830 L/min
<b>22.0 kW</b> <b>29.5 HP</b>	3.90 m <sup>3</sup> /min 138 CFM 3900 L/min	3.67 m <sup>3</sup> /min 129 CFM 3666 L/min	3.56 m <sup>3</sup> /min 126 CFM 3556 L/min	3.45 m <sup>3</sup> /min 122 CFM 3449 L/min
<b>30.0 kW</b> <b>40.2 HP</b>	5.40 m <sup>3</sup> /min 191 CFM 5400 L/min	5.08 m <sup>3</sup> /min 179 CFM 5076 L/min	4.92 m <sup>3</sup> /min 174 CFM 4924 L/min	4.78 m <sup>3</sup> /min 169 CFM 4776 L/min
<b>37.0 kW</b> <b>49.6 HP</b>	6.80 m <sup>3</sup> /min 240 CFM 6800 L/min	6.39 m <sup>3</sup> /min 226 CFM 6392 L/min	6.20 m <sup>3</sup> /min 219 CFM 6200 L/min	6.01 m <sup>3</sup> /min 212 CFM 6014 L/min
<b>45.0 kW</b> <b>60.3 HP</b>	8.10 m <sup>3</sup> /min 286 CFM 8100 L/min	7.61 m <sup>3</sup> /min 269 CFM 7614 L/min	7.39 m <sup>3</sup> /min 261 CFM 7386 L/min	7.16 m <sup>3</sup> /min 253 CFM 7164 L/min
<b>55.0 kW</b> <b>73.8 HP</b>	10.00 m <sup>3</sup> /min 353 CFM 10000 L/min	9.40 m <sup>3</sup> /min 332 CFM 9400 L/min	9.12 m <sup>3</sup> /min 322 CFM 9118 L/min	8.84 m <sup>3</sup> /min 312 CFM 8844 L/min
<b>75.0 kW</b> <b>100.6 HP</b>	13.60 m <sup>3</sup> /min 480 CFM 13600 L/min	12.78 m <sup>3</sup> /min 451 CFM 12784 L/min	12.40 m <sup>3</sup> /min 438 CFM 12400 L/min	12.03 m <sup>3</sup> /min 425 CFM 12028 L/min
<b>90.0 kW</b> <b>120.7 HP</b>	16.60 m <sup>3</sup> /min 586 CFM 16600 L/min	15.60 m <sup>3</sup> /min 551 CFM 15604 L/min	15.14 m <sup>3</sup> /min 535 CFM 15136 L/min	14.68 m <sup>3</sup> /min 518 CFM 14682 L/min
<b>110.0 kW</b> <b>147.5 HP</b>	20.00 m <sup>3</sup> /min 706 CFM 20000 L/min	18.80 m <sup>3</sup> /min 664 CFM 18800 L/min	18.24 m <sup>3</sup> /min 644 CFM 18236 L/min	17.69 m <sup>3</sup> /min 625 CFM 17689 L/min
<b>132.0 kW</b> <b>177.0 HP</b>	23.50 m <sup>3</sup> /min 830 CFM 23500 L/min	22.09 m <sup>3</sup> /min 780 CFM 22090 L/min	21.43 m <sup>3</sup> /min 757 CFM 21427 L/min	20.78 m <sup>3</sup> /min 734 CFM 20784 L/min
<b>160.0 kW</b> <b>214.6 HP</b>	28.00 m <sup>3</sup> /min 989 CFM 28000 L/min	26.32 m <sup>3</sup> /min 929 CFM 26320 L/min	25.53 m <sup>3</sup> /min 902 CFM 25530 L/min	24.76 m <sup>3</sup> /min 875 CFM 24764 L/min
<b>200.0 kW</b> <b>268.2 HP</b>	34.00 m <sup>3</sup> /min 1201 CFM 34000 L/min	31.96 m <sup>3</sup> /min 1129 CFM 31960 L/min	31.00 m <sup>3</sup> /min 1095 CFM 31001 L/min	30.07 m <sup>3</sup> /min 1062 CFM 30071 L/min
<b>250.0 kW</b> <b>335.3 HP</b>	42.00 m <sup>3</sup> /min 1483 CFM 42000 L/min	39.48 m <sup>3</sup> /min 1394 CFM 39480 L/min	38.30 m <sup>3</sup> /min 1352 CFM 38296 L/min	37.15 m <sup>3</sup> /min 1312 CFM 37147 L/min
<b>315.0 kW</b> <b>422.4 HP</b>	50.00 m <sup>3</sup> /min 1766 CFM 50000 L/min	47.00 m <sup>3</sup> /min 1660 CFM 47000 L/min	45.59 m <sup>3</sup> /min 1610 CFM 45590 L/min	44.22 m <sup>3</sup> /min 1562 CFM 44222 L/min

The values in the chart highlight the typical output for a rotary screw compressor as pressure and power increase, although the actual output will vary based on compressor design and efficiency. For exact specifications, always refer to the compressor manufacturer's guidelines.

# Oil-Free Rotary Screw Compressor Output Chart

	<b>6 bar 87 PSI</b>	<b>8 bar 116 PSI</b>	<b>9 bar 131 PSI</b>	<b>10 bar 145 PSI</b>
<b>30 kW 40.2 HP</b>	3.98 m <sup>3</sup> /min 141 CFM 3981 L/min	3.74 m <sup>3</sup> /min 132 CFM 3742 L/min	3.63 m <sup>3</sup> /min 128 CFM 3630 L/min	3.52 m <sup>3</sup> /min 124 CFM 3521 L/min
<b>37 kW 49.6 kW</b>	5.29 m <sup>3</sup> /min 187 CFM 5293 L/min	4.98 m <sup>3</sup> /min 176 CFM 4975 L/min	4.83 m <sup>3</sup> /min 170 CFM 4826 L/min	4.68 m <sup>3</sup> /min 165 CFM 4681 L/min
<b>45 kW 60.3 HP</b>	7.77 m <sup>3</sup> /min 274 CFM 7770 L/min	6.69 m <sup>3</sup> /min 236 CFM 6690 L/min	6.29 m <sup>3</sup> /min 222 CFM 6289 L/min	6.02 m <sup>3</sup> /min 213 CFM 6021 L/min
<b>55 kW 73.8 HP</b>	9.62 m <sup>3</sup> /min 340 CFM 9620 L/min	8.80 m <sup>3</sup> /min 311 CFM 8800 L/min	7.67 m <sup>3</sup> /min 271 CFM 7670 L/min	7.92 m <sup>3</sup> /min 280 CFM 7920 L/min
<b>75 kW 100.6 HP</b>	12.92 m <sup>3</sup> /min 456 CFM 12920 L/min	12.00 m <sup>3</sup> /min 424 CFM 12000 L/min	11.22 m <sup>3</sup> /min 396 CFM 11215 L/min	10.43 m <sup>3</sup> /min 368 CFM 10430 L/min
<b>90 kW 120.7 HP</b>	12.92 m <sup>3</sup> /min 456 CFM 12920 L/min	13.18 m <sup>3</sup> /min 465 CFM 13180 L/min	13.15 m <sup>3</sup> /min 464 CFM 13150 L/min	13.12 m <sup>3</sup> /min 463 CFM 13120 L/min
<b>110 kW 147.5 HP</b>	19.20 m <sup>3</sup> /min 678 CFM 19200 L/min	18.40 m <sup>3</sup> /min 650 CFM 18400 L/min	17.25 m <sup>3</sup> /min 609 CFM 17250 L/min	16.10 m <sup>3</sup> /min 569 CFM 16100 L/min
<b>132 kW 177.0 HP</b>	23.00 m <sup>3</sup> /min 812 CFM 23000 L/min	21.60 m <sup>3</sup> /min 763 CFM 21600 L/min	20.35 m <sup>3</sup> /min 719 CFM 20350 L/min	19.10 m <sup>3</sup> /min 674 CFM 19100 L/min
<b>160 kW 214.6 HP</b>	26.10 m <sup>3</sup> /min 922 CFM 26100 L/min	26.00 m <sup>3</sup> /min 918 CFM 26000 L/min	24.45 m <sup>3</sup> /min 863 CFM 24450 L/min	22.90 m <sup>3</sup> /min 809 CFM 22900 L/min
<b>200 kW 268.2 HP</b>	37.30 m <sup>3</sup> /min 1317 CFM 37300 L/min	34.90 m <sup>3</sup> /min 1232 CFM 34900 L/min	32.05 m <sup>3</sup> /min 1132 CFM 32050 L/min	29.20 m <sup>3</sup> /min 1031 CFM 29200 L/min
<b>250 kW 335.3 HP</b>	45.70 m <sup>3</sup> /min 1614 CFM 45700 L/min	42.00 m <sup>3</sup> /min 1483 CFM 42000 L/min	39.55 m <sup>3</sup> /min 1397 CFM 39550 L/min	37.10 m <sup>3</sup> /min 1310 CFM 37100 L/min
<b>315 kW 422.4 HP</b>	57.38 m <sup>3</sup> /min 2026 CFM 57380 L/min	50.00 m <sup>3</sup> /min 1766 CFM 50000 L/min	47.80 m <sup>3</sup> /min 1688 CFM 47800 L/min	45.60 m <sup>3</sup> /min 1610 CFM 45600 L/min
<b>355 kW 476.1 HP</b>	64.88 m <sup>3</sup> /min 2291 CFM 64875 L/min	60.98 m <sup>3</sup> /min 2154 CFM 60983 L/min	59.15 m <sup>3</sup> /min 2089 CFM 59153 L/min	50.00 m <sup>3</sup> /min 1766 CFM 50000 L/min

The values in the chart highlight the typical output for a rotary screw compressor as pressure and power increase, although the actual output will vary based on compressor design and efficiency. For exact specifications, always refer to the compressor manufacturer's guidelines.

# Oil-Lubricated Reciprocating Compressor Output Chart

	<b>6 bar 87 PSI</b>	<b>8 bar 116 PSI</b>	<b>10 bar 145 PSI</b>	<b>12 bar 174 PSI</b>	<b>15 bar 218 PSI</b>
<b>1.1 kW 1.48 HP</b>	0.204 m <sup>3</sup> /min 7.2 CFM 204 L/min	0.163 m <sup>3</sup> /min 5.8 CFM 163 L/min	0.137 m <sup>3</sup> /min 4.9 CFM 137 L/min	0.112 m <sup>3</sup> /min 4.0 CFM 112 L/min	0.099 m <sup>3</sup> /min 3.5 CFM 99 L/min
<b>1.7 kW 2.28 HP</b>	0.195 m <sup>3</sup> /min 6.9 CFM 195 L/min	0.170 m <sup>3</sup> /min 6.0 CFM 170 L/min	0.179 m <sup>3</sup> /min 6.3 CFM 179 L/min	0.188 m <sup>3</sup> /min 6.6 CFM 188 L/min	0.165 m <sup>3</sup> /min 5.8 CFM 165 L/min
<b>2.4 kW 3.22 HP</b>	0.280 m <sup>3</sup> /min 9.9 CFM 280 L/min	0.260 m <sup>3</sup> /min 9.2 CFM 260 L/min	0.207 m <sup>3</sup> /min 7.3 CFM 207 L/min	0.154 m <sup>3</sup> /min 5.4 CFM 154 L/min	0.136 m <sup>3</sup> /min 4.8 CFM 136 L/min
<b>3.0 kW 4.02 HP</b>	0.410 m <sup>3</sup> /min 14.5 CFM 410 L/min	0.375 m <sup>3</sup> /min 13.2 CFM 375 L/min	0.356 m <sup>3</sup> /min 12.6 CFM 356 L/min	0.336 m <sup>3</sup> /min 11.9 CFM 336 L/min	0.296 m <sup>3</sup> /min 10.4 CFM 296 L/min
<b>4.0 kW 5.36 HP</b>	0.590 m <sup>3</sup> /min 20.8 CFM 590 L/min	0.530 m <sup>3</sup> /min 18.7 CFM 530 L/min	0.490 m <sup>3</sup> /min 17.3 CFM 490 L/min	0.450 m <sup>3</sup> /min 15.9 CFM 450 L/min	0.396 m <sup>3</sup> /min 14.0 CFM 396 L/min
<b>5.5 kW 7.38 HP</b>	0.750 m <sup>3</sup> /min 26.5 CFM 750 L/min	0.690 m <sup>3</sup> /min 24.4 CFM 690 L/min	0.650 m <sup>3</sup> /min 23.0 CFM 650 L/min	0.610 m <sup>3</sup> /min 21.5 CFM 610 L/min	0.537 m <sup>3</sup> /min 19.0 CFM 537 L/min
<b>7.5 kW 10.06 HP</b>	1.000 m <sup>3</sup> /min 35.3 CFM 1000 L/min	0.900 m <sup>3</sup> /min 31.8 CFM 900 L/min	0.860 m <sup>3</sup> /min 30.4 CFM 860 L/min	0.820 m <sup>3</sup> /min 29.0 CFM 820 L/min	0.722 m <sup>3</sup> /min 25.5 CFM 722 L/min

The values in the chart highlight the typical output for a rotary screw compressor as pressure and power increase, although the actual output will vary based on compressor design and efficiency. For exact specifications, always refer to the compressor manufacturer's guidelines.

# Oil-Free Reciprocating Screw Compressor Output Chart

	<b>6 bar 87 PSI</b>	<b>8 bar 116 PSI</b>	<b>11 bar 160 PSI</b>
<b>0.75 kW 1.0 HP</b>	0.059 m <sup>3</sup> /min 2.1 CFM 59 L/min	0.046 m <sup>3</sup> /min 1.6 CFM 46 L/min	0.046 m <sup>3</sup> /min 1.6 CFM 46 L/min
<b>1.5 kW 2.0 HP</b>	0.152 m <sup>3</sup> /min 5.4 CFM 152 L/min	0.120 m <sup>3</sup> /min 4.2 CFM 120 L/min	0.120 m <sup>3</sup> /min 4.2 CFM 120 L/min
<b>2.2 kW 2.9 HP</b>	0.252 m <sup>3</sup> /min 8.9 CFM 252 L/min	0.210 m <sup>3</sup> /min 7.4 CFM 210 L/min	0.210 m <sup>3</sup> /min 7.4 CFM 210 L/min
<b>2.4 kW 3.2 HP</b>	0.274 m <sup>3</sup> /min 9.7 CFM 274 L/min	0.219 m <sup>3</sup> /min 7.7 CFM 219 L/min	0.170 m <sup>3</sup> /min 6.0 CFM 170 L/min
<b>3.0 kW 4.0 HP</b>	0.390 m <sup>3</sup> /min 13.8 CFM 390 L/min	0.330 m <sup>3</sup> /min 11.7 CFM 330 L/min	0.330 m <sup>3</sup> /min 11.7 CFM 330 L/min
<b>3.1 kW 4.2 HP</b>	0.404 m <sup>3</sup> /min 14.3 CFM 404 L/min	0.359 m <sup>3</sup> /min 12.7 CFM 359 L/min	0.291 m <sup>3</sup> /min 10.3 CFM 291 L/min
<b>4.0 kW 5.4 HP</b>	0.550 m <sup>3</sup> /min 19.4 CFM 550 L/min	0.500 m <sup>3</sup> /min 17.7 CFM 500 L/min	0.500 m <sup>3</sup> /min 17.7 CFM 500 L/min
<b>4.2 kW 5.6 HP</b>	0.570 m <sup>3</sup> /min 20.1 CFM 570 L/min	0.506 m <sup>3</sup> /min 17.9 CFM 506 L/min	0.409 m <sup>3</sup> /min 14.4 CFM 409 L/min

The values in the chart highlight the typical output for a rotary screw compressor as pressure and power increase, although the actual output will vary based on compressor design and efficiency. For exact specifications, always refer to the compressor manufacturer's guidelines.