

WP 4325 Air Cooled Compressor



High-pressure compressors showcase our engineering superiority and production expertise. Founded on our renowned military design experience and through continuous innovation, Sauer Compressors has developed the most cost effective and reliable industrial compressors in the market.

[SPECIFICATIONS](#) · [FLOW AND POWER](#)

SPECIFICATIONS

Stages/Cylinders	4/4
Operating Pressure Range	1450 to 6090 psi
Required Power @ 1150 RPM, 60 Hz	9.7 to 11.1 hp
Capacity F. A. D. @ 1150 RPM, 60 Hz	9.5 to 10.6 SCFM
Required Power @ 1770 RPM, 60 Hz	14.3 to 16.4 hp
Capacity F. A. D. @ 1770 RPM, 60 Hz	14 to 15 SCFM
Motor Rating @ 1170 RPM, 60 Hz	10 (7.5KW) hp
Motor Rating @ 1770 RPM, 60 Hz	20 (16KW) hp
Current @ 460 Volts @ 1170 RPM, 60 Hz	16 Amps
Current @ 460 Volts @ 1770 RPM, 60 Hz	26.6 Amps
Current @ 230 Volts @ 1770 RPM, 60 Hz	32 Amps
Current @ 230 Volts @ 1170 RPM, 60 Hz	53.2 Amps
Weight @ 1170 RPM, 60 Hz	814 Pound
Weight @ 1770 RPM, 60 Hz	814 Pound
Noise level @ 3 ft, 1170 RPM (60Hz)	81 dB(A)
Noise level @ 3 ft, 1770 RPM (60Hz)	84 dB(A)
Heat Dissipation @ 1170 RPM, 60 Hz	31,000 Btu/hr
Heat Dissipation @ 1770 RPM, 60 Hz	31,000 Btu/hr

Cooling Air Needed @ 1170 RPM, 60 Hz	880 CFM
Cooling Air Needed @ 1770 RPM, 60 Hz	880 CFM
Residual oil content at gas outlet (without filtration)	
Delta temperature (gas outlet vs. ambient) @ 1170 RPM, 60 Hz	18 °F
Delta temperature (gas outlet vs. ambient) @ 1770 RPM, 60 Hz	18 °F
Operational ambient temperature range	40-110 °F
Oil Sump Capacity	6.1 Quarts
Overall Dimensions (L x W x H)	47 X 28 X 28 Inch
Cooling Method	Air- Cooled
Drive Type	Direct Drive

FLOW AND POWER

Power @ 1450 PSIG, 1170 RPM, 60 Hz	9.7 hp
Flow @ 1450 PSIG, 1170 RPM, 60 Hz	10.6 SCFM
Power @ 1450 PSIG, 1770 RPM, 60 Hz	14.3 hp
Flow @ 1450 PSIG, 1770 RPM, 60 Hz	15.4 SCFM
Power @ 2900 PSIG, 1170 RPM, 60 Hz	10.2 hp
Flow @ 2900 PSIG, 1170 RPM, 60 Hz	10.2 SCFM
Power @ 2900 PSIG, 1770 RPM, 60 Hz	15.1 hp
Flow @ 2900 PSIG, 1770 RPM, 60 Hz	15.1 SCFM
Power @ 4350 PSIG, 1170 RPM, 60 Hz	10.7 hp
Flow @ 4350 PSIG, 1170 RPM, 60 Hz	9.9 SCFM
Power @ 4350 PSIG, 1770 RPM, 60 Hz	15.7 hp
Flow @ 4350 PSIG, 1770 RPM, 60 Hz	14.7 SCFM
Power @ 5800 PSIG, 1170 RPM, 60 Hz	11.1 hp
Flow @ 5800 PSIG, 1170 RPM, 60 Hz	9.5 SCFM
Power @ 5800 PSIG, 1770 RPM, 60 Hz	16.4 hp
Flow @ 5800 PSIG, 1770 RPM, 60 Hz	14.4 SCFM

WP 4331 Air Cooled Compressor



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[SPECIFICATIONS](#) · [FLOW AND POWER](#)

SPECIFICATIONS

Stages/Cylinders	4/4
Operating Pressure Range	1670 to 5800 psi
Required Power @ 1150 RPM, 60 Hz	13.6 to 16.5 hp
Capacity F. A. D. @ 1150 RPM, 60 Hz	15.3 to 15.9 SCFM
Required Power @ 1770 RPM, 60 Hz	21 to 23.6 hp
Capacity F. A. D. @ 1770 RPM, 60 Hz	22.7 to 24 SCFM
Motor Rating @ 1170 RPM, 60 Hz	20 hp
Motor Rating @ 1770 RPM, 60 Hz	25 hp
Current @ 460 Volts @ 1170 RPM, 60 Hz	23.5 Amps
Current @ 460 Volts @ 1770 RPM, 60 Hz	29.6 Amps
Current @ 230 Volts @ 1770 RPM, 60 Hz	47 Amps
Current @ 230 Volts @ 1170 RPM, 60 Hz	59.2 Amps
Weight @ 1170 RPM, 60 Hz	1001 Pound
Weight @ 1770 RPM, 60 Hz	1001 Pound
Noise level @ 3 ft, 1170 RPM (60Hz)	91 dB(A)
Noise level @ 3 ft, 1770 RPM (60Hz)	96 dB(A)
Heat Dissipation @ 1170 RPM, 60 Hz	51,000 Btu/hr
Heat Dissipation @ 1770 RPM, 60 Hz	68,000 Btu/hr
Cooling Air Needed @ 1170 RPM, 60 Hz	1,530 CFM

Residual oil content at gas outlet (without filtration)	
Delta temperature (gas outlet vs. ambient) @ 1170 RPM, 60 Hz	18 °F
Delta temperature (gas outlet vs. ambient) @ 1770 RPM, 60 Hz	18 °F
Operational ambient temperature range	10-120 °F
Oil Sump Capacity	11.1 Quarts
Overall Dimensions (L x W x H)	53 X 34 X 36 Inch
Cooling Method	Air- Cooled
Drive Type	Direct Drive

FLOW AND POWER

Power @ 2900 PSIG, 1170 RPM, 60 Hz	14.4 hp
Flow @ 2900 PSIG, 1170 RPM, 60 Hz	15.8 SCFM
Power @ 2900 PSIG, 1770 RPM, 60 Hz	22.1 hp
Flow @ 2900 PSIG, 1770 RPM, 60 Hz	23.9 SCFM
Power @ 4350 PSIG, 1170 RPM, 60 Hz	15.7 hp
Flow @ 4350 PSIG, 1170 RPM, 60 Hz	15.5 SCFM
Power @ 4350 PSIG, 1770 RPM, 60 Hz	22.3 hp
Flow @ 4350 PSIG, 1770 RPM, 60 Hz	23.5 SCFM
Power @ 5800 PSIG, 1170 RPM, 60 Hz	16.5 hp
Flow @ 5800 PSIG, 1170 RPM, 60 Hz	15.3 SCFM
Power @ 5800 PSIG, 1770 RPM, 60 Hz	23.6 hp
Flow @ 5800 PSIG, 1770 RPM, 60 Hz	22.7 SCFM

WP 4341 Air Cooled Compressor



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[SPECIFICATIONS](#) · [FLOW AND POWER](#)

SPECIFICATIONS

Stages/Cylinders	4/4
Operating Pressure Range	1670 to 5800 psi
Required Power @ 1150 RPM, 60 Hz	18.8 to 22.7 hp
Capacity F. A. D. @ 1150 RPM, 60 Hz	26.1 to 29 SCFM
Required Power @ 1770 RPM, 60 Hz	29.9 to 34.8 hp
Capacity F. A. D. @ 1770 RPM, 60 Hz	38.5 to 42.4 SCFM
Motor Rating @ 1170 RPM, 60 Hz	25 hp
Motor Rating @ 1770 RPM, 60 Hz	40 hp
Current @ 460 Volts @ 1170 RPM, 60 Hz	29.8 Amps
Current @ 460 Volts @ 1770 RPM, 60 Hz	47.6 Amps
Current @ 230 Volts @ 1770 RPM, 60 Hz	59.6 Amps
Current @ 230 Volts @ 1170 RPM, 60 Hz	95.2 Amps
Weight @ 1170 RPM, 60 Hz	1315.6 Pound
Weight @ 1770 RPM, 60 Hz	1315.6 Pound
Noise level @ 3 ft, 1170 RPM (60Hz)	85 dB(A)
Noise level @ 3 ft, 1770 RPM (60Hz)	89 dB(A)
Heat Dissipation @ 1170 RPM, 60 Hz	68,000 Btu/hr
Heat Dissipation @ 1770 RPM, 60 Hz	99,000 Btu/hr
Cooling Air Needed @ 1170 RPM, 60 Hz	2,060 CFM

Cooling Air Needed @ 1770 RPM, 60 Hz	3,060 CFM
Residual oil content at gas outlet (without filtration)	
Delta temperature (gas outlet vs. ambient) @ 1170 RPM, 60 Hz	18 °F
Delta temperature (gas outlet vs. ambient) @ 1770 RPM, 60 Hz	18 °F
Operational ambient temperature range	40-120 °F
Oil Sump Capacity	11.1 Quarts
Overall Dimensions (L x W x H)	55 X 37 X 36 Inch
Cooling Method	Air- Cooled
Drive Type	Direct Drive

FLOW AND POWER

Power @ 2900 PSIG, 1170 RPM, 60 Hz	20.8 hp
Flow @ 2900 PSIG, 1170 RPM, 60 Hz	27.5 SCFM
Power @ 2900 PSIG, 1770 RPM, 60 Hz	31.3 hp
Flow @ 2900 PSIG, 1770 RPM, 60 Hz	41.1 SCFM
Power @ 4350 PSIG, 1170 RPM, 60 Hz	21.8 hp
Flow @ 4350 PSIG, 1170 RPM, 60 Hz	26.8 SCFM
Power @ 4350 PSIG, 1770 RPM, 60 Hz	31.5 hp
Flow @ 4350 PSIG, 1770 RPM, 60 Hz	40.5 SCFM
Power @ 5800 PSIG, 1170 RPM, 60 Hz	22.7 hp
Flow @ 5800 PSIG, 1170 RPM, 60 Hz	26.1 SCFM
Power @ 5800 PSIG, 1770 RPM, 60 Hz	34.8 hp
Flow @ 5800 PSIG, 1770 RPM, 60 Hz	38.5 SCFM

WP 4351 Air Cooled Compressor



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[SPECIFICATIONS](#) · [FLOW AND POWER](#)

SPECIFICATIONS

Stages/Cylinders	4/4
Operating Pressure Range	1670 to 5075 psi
Required Power @ 1150 RPM, 60 Hz	36.3 to 42.6 hp
Capacity F. A. D. @ 1150 RPM, 60 Hz	46.8 to 50.4 SCFM
Required Power @ 1770 RPM, 60 Hz	55.6 to 67 hp
Capacity F. A. D. @ 1770 RPM, 60 Hz	70 to 76 SCFM
Motor Rating @ 1170 RPM, 60 Hz	50 hp
Motor Rating @ 1770 RPM, 60 Hz	75 hp
Current @ 460 Volts @ 1170 RPM, 60 Hz	58.1 Amps
Current @ 460 Volts @ 1770 RPM, 60 Hz	82.4 Amps
Current @ 230 Volts @ 1770 RPM, 60 Hz	116.2 Amps
Current @ 230 Volts @ 1170 RPM, 60 Hz	164.8 Amps
Weight @ 1170 RPM, 60 Hz	1980 Pound
Weight @ 1770 RPM, 60 Hz	1980 Pound
Noise level @ 3 ft, 1170 RPM (60Hz)	89 dB(A)
Noise level @ 3 ft, 1770 RPM (60Hz)	93 dB(A)
Heat Dissipation @ 1170 RPM, 60 Hz	133,000 Btu/hr
Heat Dissipation @ 1770 RPM, 60 Hz	198,000 Btu/hr
Cooling Air Needed @ 1170 RPM, 60 Hz	4,120 CFM

Cooling Air Needed @ 1770 RPM, 60 Hz	6,120 CFM
Residual oil content at gas outlet (without filtration)	
Delta temperature (gas outlet vs. ambient) @ 1170 RPM, 60 Hz	18 °F
Delta temperature (gas outlet vs. ambient) @ 1770 RPM, 60 Hz	18 °F
Operational ambient temperature range	40-120 °F
Oil Sump Capacity	16.9 Quarts
Overall Dimensions (L x W x H)	67 X 39 X 43 Inch
Cooling Method	Air- Cooled
Drive Type	Direct Drive

FLOW AND POWER

Power @ 2900 PSIG, 1170 RPM, 60 Hz	39.4 hp
Flow @ 2900 PSIG, 1170 RPM, 60 Hz	48.9 SCFM
Power @ 2900 PSIG, 1770 RPM, 60 Hz	60.3 hp
Flow @ 2900 PSIG, 1770 RPM, 60 Hz	73.8 SCFM
Power @ 4350 PSIG, 1170 RPM, 60 Hz	41.6 hp
Flow @ 4350 PSIG, 1170 RPM, 60 Hz	47.5 SCFM
Power @ 4350 PSIG, 1770 RPM, 60 Hz	65.0 hp
Flow @ 4350 PSIG, 1770 RPM, 60 Hz	71.6 SCFM
Power @ 5075 PSIG, 1170 RPM, 60 Hz	42.6 hp
Flow @ 5075 PSIG, 1170 RPM, 60 Hz	46.8 SCFM
Power @ 5075 PSIG, 1770 RPM, 60 Hz	67.0 hp
Flow @ 5075 PSIG, 1770 RPM, 60 Hz	70.6 SCFM