



# Sauer Compressors USA

Dependable Compressors!

## Quick Reference Guide for Air (60 Hz)

COOLING	SERIES	MODEL	STAGES/CYLINDERS	MIN-MAX PRESSURE (PSI)	CAPACITY F.A.D. (SCFM)	REQUIRED POWER (HP)	CAPACITY F.A.D. (SCFM)		REQUIRED POWER (HP)
							1800 RPM Motor		
Air Cooled	Mistral	WP15L	2/2	150 - 600	7.9 - 9.2	5 - 5.8	5.8 - 6.8	3.2 - 3.8	
		WP22L	2/2	150 - 600	12.1 - 12.9	6.6 - 7.6	8.1 - 8.8	4.3 - 5	
		WP33L	2/2	150 - 500	17.1 - 18.4	9.4 - 11	11.2 - 12.1	6.2 - 7.2	
		WP45L	2/2	150 - 600	30.6 - 35.7	13.3 - 16.1	20 - 23.2	8.7 - 10.7	
		WP65L	2/2	150 - 600	40.6 - 47	17.7 - 21.4	26.5 - 30.4	11.7 - 14.2	
		WP146L	2/2	100 - 150	88.3 - 92.3	32 - 34.9	62.4 - 64.9	22 - 23.5	
		WP226L	2/2	100 - 150	153.1 - 154.3	51.5 - 55.7	112.5 - 113.7	30.4 - 33	
	Passat	WP81L	3/3	150 - 600	52.3 - 57.3	23.5 - 27.3	35 - 38.4	15.7 - 18.4	
		WP101L	3/3	150 - 600	65.3 - 71.2	29.4 - 34.3	43.6 - 47.2	19.3 - 22.5	
		WP121L	3/3	150 - 600	78.5 - 90.1	37.5 - 43.3	52.4 - 60.2	22.9 - 26.8	
		WP151L	3/3	150 - 600	94.2 - 102.4	45.8 - 53.5	62.7 - 69	27.7 - 32.4	
		WP271L	3/4	150 - 600	144.2 - 158.1	62.7 - 71	98.9 - 105.8	41.6 - 46.9	
		WP311L	3/4	150 - 600	184.2 - 207.8	85.2 - 102.4	126 - 136.3	49.8 - 58.1	
		WP66L	3/3	700 - 1150	51.2 - 53	26.1 - 32.2	33.5 - 35.3	16.1 - 20.1	
		WP126L	3/3	700 - 1150	75.9 - 77.1	43.6 - 46.9	53.3 - 53.6	33.8 - 35.5	
	Hurricane	WP206L	3/3	700 - 1150	163.5 - 164.6	92.7 - 102.4	105.1 - 105.8	59.6 - 65.8	
		WP4331	4/4	1750 - 6000	22.7 - 24.1	21.0 - 23.6	15.3 - 15.9	13.9 - 16.5	
		WP4341	4/4	1750 - 6000	38.5 - 42.4	29.9 - 34.8	26.1 - 29	18.8 - 22.7	
	Tornado	WP4351	4/4	1750 - 5000	70.6 - 76.0	55.6 - 67	46.9 - 50.4	36.3 - 42.6	
		WP3215	3/3	2000 - 4000	9.8 - 10.9	7.9 - 8.7	6.3 - 7.2	4 - 5.5	
	Water Cooled	Typhoon	WP4325	4/4	2000 - 6000	13.5 - 15.2	14.7 - 16.4	9.5 - 10.4	9.9 - 11.1
WP100			2/2	150 - 450	60.8 - 65.1	28.5 - 31.7	41.2 - 44.1	19.1 - 21.3	
WP200			2/2	150 - 450	103.1 - 110.3	47.8 - 53.1	70.9 - 75.8	31.4 - 34.9	
WP240			2/2	150 - 450	124.8 - 133.6	58.8 - 65.4	86 - 92.1	38.8 - 43.1	
WP400			2/3	150 - 450	216.6 - 231.8	98.4 - 109.3	153.3 - 164.1	63 - 70	
5000		WP3100	3/3	700 - 1500	116.8 - 125	73.7 - 82.6	98 - 104.9	60.3 - 68.6	
		WP5500	4/4	1500 - 5000	41 - 42	30.8 - 37.5	27 - 28	20.4 - 24.8	
6000		WP5000	4/4	1500 - 5000	81 - 89	61.7 - 75.1	54 - 59	40.2 - 49.6	
		WP6202	2/6	125 - 225	470 - 480	140 - 190	380 - 390	110 - 160	
		WP6305	2/6	300 - 725	370 - 390	180 - 240	300 - 310	140 - 190	
		WP6442	2/6	1750 - 6000	280 - 290	190 - 230	220 - 230	160 - 190	



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COOLING	SERIES	MODEL	STAGES/CYLINDERS	MIN-MAX PRESSURE (PSI)	1800 RPM Motor		1200 RPM Motor	
					CAPACITY F.A.D. (SCFM)	REQUIRED POWER (HP)	CAPACITY F.A.D. (SCFM)	REQUIRED POWER (HP)
Air Cooled	Mistral	WP15L	2/2	150 - 600	9.8 - 12.4	5.6 - 6.9	6.9 - 8.1	3.7 - 4.5
		WP22L	2/2	150 - 600	12.4 - 13.5	5.6 - 9.2	9.7 - 10.5	3.7 - 6.0
		WP33L	2/2	150 - 500	20.5 - 22.1	10.8 - 13.2	13.4 - 14.5	7.1 - 8.7
		WP45L	2/2	150 - 600	36.7 - 42.9	15.9 - 19.3	24.0 - 27.8	10.5 - 12.9
		WP65L	2/2	150 - 600	48.7 - 56.4	21.2 - 25.7	31.8 - 36.5	14.0 - 17.1
		WP33LB	2/2	300 - 500	32.0 - 70.0	8.7 - 14.8	16.2 - 38.3	6.4 - 11.3
		WP65LB	2/2	300 - 600	67.1 - 140.7	14.6 - 32.3	44.4 - 93.0	9.1 - 20.2
	Passat	WP81L	3/3	150 - 600	57.6 - 63.1	25.8 - 30.1	38.5 - 42.3	17.2 - 20.2
		WP101L	3/3	150 - 600	68.0 - 74.5	31.0 - 36.0	45.0 - 49.5	20.2 - 24.0
		WP121L	3/3	150 - 600	86.5 - 99.1	41.2 - 47.6	57.7 - 66.3	25.2 - 29.5
		WP151L	3/3	150 - 600	103.0 - 112.4	20.4 - 26	69.0 - 76.0	30.5 - 36.0
		WP271L	3/4	150 - 600	151.0 - 166.0	66.0 - 75.0	103.0 - 111.0	44.0 - 49.3
		WP311L	3/4	150 - 600	200.0 - 228.8	94.0 - 113.0	138.6 - 150	55.0 - 64.0
		WP66L	3/3	700 - 1150	56.0 - 58.3	29.0 - 35.4	37.0 - 39.0	18.0 - 22.0
		WP126L	3/3	700 - 1150	83.0 - 85.0	48.0 - 52.0	52.0 - 53.8	34.0 - 36.0
	Hurricane	WP206L	3/3	700 - 1150	174.0 - 180.0	99.0 - 108.0	95.9 - 105.2	59.8 - 70.4
		WP4331	4/4	1750 - 6000	27.0 - 28.7	26.0 - 28.3	18.0 - 19.0	16.2 - 20.0
		WP4341	4/4	1750 - 6000	46.0 - 50.5	37.0 - 42.0	31.0 - 34.0	24.0 - 27.2
	Tornado	WP4351	4/4	1750 - 5000	84.5 - 89.7	70.6 - 81	56.0 - 59.3	46.2 - 51.9
		WP3215	3/3	2000 - 4000	11.0 - 13.1	12.0 - 14.0	7.0 - 8.6	6.0 - 8.8
		WP4325	4/4	2000 - 6000	17.0 - 18.3	17.0 - 19.6	10.0 - 10.9	10.0 - 11.7

## Helium Bas Booster Quick Reference Guide

COOLING	SERIES	MODEL	STAGES/CYLINDERS	MIN-MAX PRESSURE (PSI)	1800 RPM Motor		1200 RPM Motor	
					CAPACITY F.A.D. (SCFM)	REQUIRED POWER (HP)	CAPACITY F.A.D. (SCFM)	REQUIRED POWER (HP)
Air Cooled	Passat	WP156L	3/3	300 - 600	72.4 - 73.6	37.5 - 40.2	47.7 - 48.9	24.1 - 26.8
		WP276L	3/4	300 - 600	132.4 - 138.3	71.0 - 75.7	87.7 - 91.2	46.9 - 52.3
		WP316L	3/4	300 - 600	170.7 - 177.2	87.1 - 97.8	110.1 - 117.1	57.6 - 63.0
	Hurricane	WP4331	4/4	1500 - 3250	18.5 - 20.6	19.7 - 22.5	12.1 - 13.5	13.0 - 14.7
		WP4341	4/4	1500 - 3250	28.8 - 33.5	24.1 - 30.8	19.4 - 21.8	16.1 - 21.4
		WP4351	4/4	1500 - 3000	61.2 - 67.1	48.3 - 67.0	40.6 - 44.7	32.2 - 38.9
	Tornado	WP4325	4/4	1500 - 3250	14.4 - 15.2	14.7 - 15.7	9.9 - 10.4	9.9 - 10.7

(1psi=.069bar) (1cfm=1.7m<sup>3</sup>/h)

(1bar=14.5psi) (1m<sup>3</sup>/h=.589cfm)