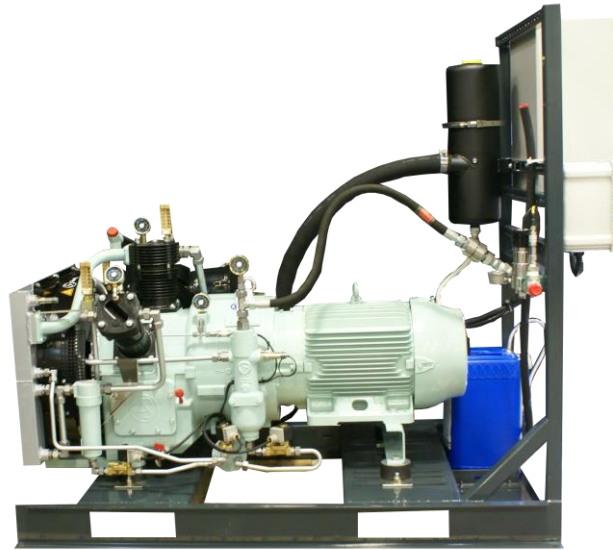


WP121L Data Sheet



WP121L Data Sheet			
Flow & Power	Operating Pressure	Speed	UNITS
		1770 RPM (60 Hz)	
	295 PSIG	87	SCFM
		40	HP
	435 PSIG	84	SCFM
		42	HP
580 PSIG	78	SCFM	
	43	HP	
Technical Specifications	Motor rating	50	HP
	Current @ 460 Volts	58	Amps
	Weight	2,160	Pounds
	Noise level @ 3 ft per DIN45635	92	dB(A)
	Heat dissipation	133,000	Btu/hr
	Cooling air needed	4,120	CFM
	Residual oil content at gas outlet (without filtration)	< 5	mg/m ³
	Delta temperature (gas outlet vs. ambient)	44	°F
	Operational ambient temperature range	40-130	°F
	Operating pressure range	0-640	psig
	Oil sump capacity	14.8	Quarts
	Shipping dimensions (L x W x H)	90 X 60 X 75	Inches
	Cooling method	Air-Cooled	
	Drive type	Direct Drive	
Stages/Cylinders	3/3		

* All data is with 5 % tolerance and is related to ambient conditions of 68 ° F and 14.7 PSIA.

Package Includes:

- Air intake and silencing filter
- Intercoolers and aftercooler
- Oil and water separators after the 1st, 2nd, and 3rd stages
- Safety valve after each stage
- 1st, 2nd, and 3rd stage pressure gauges
- Solenoid valves (115 V / 60 Hz) for automatic drainage of the separators
- Unloaded starting relief and automatic condensate drain system
- Condensate demister to easily dispose of condensate drainage
- Resilient mounts
- 460/3/60 electric motor with IP 55 (TEFC) protection
- Non-return valve
- Low oil pressure shutdown sensor
- High air/gas temperature shutdown sensor mounted at the air/gas outlet of the compressor
- Compressor control system (including motor starter) for starting/stopping the compressor, and monitoring the oil pressure, air/gas outlet temperature and outlet pressure of the compressor
- Advanced Condensate Collection System for Environmentally Friendly Drainage
- Air/gas pressure sensor for automatic start/stop
- Complete package wired and mounted on a skid; not intended for outdoor use or storage
- Outlet port size 1" MPT