



Sauer Compressors USA, Inc

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Item # WP215LOM, Oil-Less Compressors (Harmattan Series)

With the new oil-less Harmattan series, Sauer is striking new paths in compressor technology by releasing the very first series that operates completely without oil lubrication. The design concept is based on a real boxer design involving many advantages that will positively distinguish the Harmattan series from all other compressor lines on the market. This new series will pave the way into industries such as medical technology, pharmaceuticals, electronics and food production, where oil-less

+ more



[Quick Reference Specifications](#) | [Full Specifications](#) | [Package Includes](#) | [Optional Equipment](#)

Quick Reference Specifications		—
Operating Pressure Range	145 to 217 psi	
Flow Rate	126.5 to 129.2 SCFM	
Required Power	50.7 to 56.3 hp	
Stages/Cylinders	2/4	

Full Specifications		—
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WP215LOM Data Sheet			
Flow & Power	Operating Pressure	Speed	UNITS
		1780 RPM (60 Hz)	
	160 psi	129.3	SCFM
		50.7	HP
	185 psi	127.9	SCFM
		52.3	HP
	215 psi	126.6	SCFM
		56.3	HP
Technical Specifications	Motor rating	60	HP
	Current @ 460 Volts	60	Amps
	Weight of block and motor	1,015	Pounds
	Noise level @ 3 ft	91	dB(A)
	Heat dissipation	156,960	Btu/hr
	Cooling air needed	6,185	CFM
	Delta temperature (gas outlet vs. ambient)	< 54	°F
	Operational ambient temperature range	-40 to 122	°F
	Operating pressure range	160-215	psig
	Dimensions of block and motor (L x W x H)	63 X 29 X 25	Inches
	Cooling method	Air-Cooled	
	Drive type	Direct Drive	
	Stages/Cylinders	2/4	

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

WP215LOM Data Sheet

Package Includes

- Air intake and silencing filters
- Intercoolers and aftercooler
- Separators
- Safety valve after each 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
- Assembly of compressor and electric motor
- Resilient mounts including drainage hoses and air/gas outlet hose
- 460/3/60 electric motor with IP 55 (TEFC) protection
- Non-return valve mounted to air/gas outlet hose
- High air/gas temperature shutdown switch mounted at the air/gas outlet of the compressor
- Compressor control system (including motor starter) for starting/stopping the compressor, and monitoring the air/gas outlet temperature and outlet pressure of the compressor
- Complete package wired and mounted on a skid
- Air/gas pressure sensor for automatic start/stop (supplied loose)

Standard warranty is 15 months from date of shipment or 12 months after initial installation and start-up, whichever comes first. Ask your Sauer USA representative if your project requires an extended or alternative warranty period.

Optional Equipment

- Final receiver packages with the necessary components supplied
- Diesel motor driven
- Modified for 50 Hz power supply
- Modified for gas compression and higher inlet pressures (>4.5 psig)
- Customized controls for user specified monitoring and operation
- Final air/gas filtration with varying levels of air/gas quality
- Sound dampening canopy
- Weather resistant canopy
- Complete package rated for installation in a hazardous location (Class 1 Division 2, or Class 1 Division 1)

Sauer Compressors USA custom engineers solutions for our customers. Please inquire about options you may require which are not listed.