



75-100 HP FIXED SPEED ROTARY SCREW COMPRESSORS

L-Series

Advanced Technology. Inspired Simplicity.

L-Series compressors from Gardner Denver feature more than just the latest compressor technology. They contain the cleanest, simplest, most intuitive machine layouts on the market. Equipped with standard TEFC main motors, wye-delta starters, Governor™ microprocessor controllers and quiet enclosures, an L-Series unit from Gardner Denver is the optimal solution when a feature-rich, simple-to-operate compressor is required.

First Class Serviceability

The L-Series units set a new standard in serviceability. By utilizing integrated airend design techniques, Gardner Denver delivers unprecedented access to service and routine maintenance items. At the same time, the compact design eliminates unneeded connections and minimizes piping; reducing the opportunity for leaks. Couple these features with an intuitive touch screen controller with optional data logging and sequencing capabilities and you have a world class compressor package.

Gardner

Denver

L55-L75 ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR		50 Hz				60 Hz				WEIGHT		DIMENSIONS L x W x H IN. (MM)	
			NOMINAL PRESSURE		FAD ¹		NOMINAL PRESSURE		FAD ¹					NOISE LEVEL ² DB(A)
			PSIG	BAR	ACFM	M ³ /MIN	PSIG	BAR	ACFM	M ³ /MIN				
L55	75	55	110	7.5	377.5	10.7	100	7.5	358.4	10.1	73	3803	1725	
			145	10	335.8	9.5	125	10	333.6	9.4				
			190	13	291.0	8.2	190	13	275.4	7.8				
L75	100	75	110	7.5	485.2	13.7	100	7.5	465.9	13.2	75	3891	1765	
			145	10	439.3	12.4	125	10	422.3	11.9				
			190	13	368.3	10.4	190	13	360.4	10.2				

85 x 48 x 78
(2159 x 1219 x 1981)

1) Data measured and stated in accordance with ISO1217, Ed. 4, Annex C & Annex E at the following conditions:
Air Intake Pressure 1 bar A, Air Intake Temperature 20° C, Humidity 0% (Dry)

2) Measured in free field conditions in accordance with ISO 2151, tolerance +/- 3 dB

L-Series Features (75-100 HP)

- Direct-gear drive, oil flooded, single stage rotary screw air compressor
- AEON 9000SP lubricant
- Air-cooled standard
- Air supply piping includes hard pipe design with Viton Victaulic couplings
- CRN and ASME rated aftercooler
- Electrical components UL listed for the US and Canada, including cUL-US listed open control panel
- Governor™ microprocessor controller with touchscreen
- Integrated spin-on oil filter
- Integrated thermostatic thermal mixing valve
- Type 1 electrical enclosure
- Load/no load control and timed shutdown
- Moisture separator (shipped loose)
- Mounted and wired wye-delta starter
- Multi-compressor sequencing
- Optional water cooling available
- Quiet enclosure
- Second pressure band control for lead/lag operation
- Built-in data logging
- TEFC main motor
- Two-stage air filter and air/oil separation system
- Voltage: 460/575V (3 phase only)

Gardner Denver®

Gardner Denver, Inc.

1800 Gardner Expressway
Quincy, IL 62305
866-440-6241

www.gardnerdenver.com/gdproducts



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