



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				NOISE LEVEL ²	WEIGHT ³		DIMENSIONS L x W x H	
	HP	KW	NOMINAL PRESSURE		FAD		NOMINAL PRESSURE		FAD ¹			DB(A)	LBS		KG
			PSIG	BAR	ACFM	M ³ /MIN	PSIG	BAR	ACFM	M ³ /MIN					
L55	75	55	110 145 190	7.5 10 13	377.5 335.8 291.0	10.7 9.5 8.2	110 125 190	7.6 8.6 13.1	345.2 343.9 278.0	9.77 9.74 7.87	73	3756	1704	85 x 49 x 78 (2159 x 1222 x 1971)	
L75	100	75	110 145 190	7.5 10 13	485.2 439.3 368.3	13.7 12.4 10.4	110 125 190	8.6 10 13.1	488.1 439.6 384.9	13.82 12.45 10.90	75	3844	1744		

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) Noise levels are for air-cooled and water-cooled models, and measured in free field conditions in accordance with ISO 2151, tolerance +/- 3 dB.

3) Weights are for air-cooled models.

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)



Panels removed to show internal components.

Gardner Denver®

Gardner Denver, Inc.

1800 Gardner Expressway
Quincy, IL 62305

www.gardnerdenver.com



©2023 Gardner Denver, Inc. Printed in U.S.A.
GSCS-L55-L75 3rd Ed. 7/23

Please recycle after use.