



5-7.5 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, GD Pilot™ 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 a service-friendly package design, Gardner Denver delivers unprecedented access to service items such as; a high efficiency air filter, air/oil separator and oil filter. At the same time, the compact design eliminates unneeded connections and minimizes piping; reducing the opportunity for leaks. Couple these features with standard automatic belt tensioning and you have a world class small horsepower compressor package.

Configuration Flexibility

L-Series compressors are available in base mount or AirStation™ configurations. The plug-and-play AirStation™ configuration is an L-Series compressor mounted on a horizontal receiver tank with or without a refrigerated air dryer. Featuring high-end components such as the robust refrigerated dryer, stainless steel piping, integrated fork lift slots, the L-Series AirStation™ is the ideal solution for a compressed air system that requires minimal installation time and cost.

Gardner
Denver

L04-L05 ROTARY SCREW COMPRESSOR, 60 HZ

MODEL	DRIVE MOTOR		NOMINAL PRESSURE		FAD ¹		NOISE LEVEL ² DB(A)	WEIGHT		DIMENSIONS L x W x H IN. (MM)
	HP	KW	PSIG	BAR	ACFM	M ³ /MIN		LBS	KG	
L04	5	4	100	6.9	19.4	0.55	68	373	169	27 x 25 x 41 (686 x 635 x 1041)
			125	8.6	18.2	0.52				
			190	13.0	12.9	0.36				
L05	7.5	5	100	6.9	28.4	0.8				
			125	8.6	24.9	0.71				
			190	13.0	18.3	0.52				

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

AIR STATION SPECIFICATIONS, 60 HZ

MODEL	DRYER MODEL	RECEIVER SIZE GAL. (LITERS)	REFRIGERANT	WEIGHT LBS (KG)	DIMENSIONS L x W x H IN. (MM)
				120 GAL	120 GAL
L04					
	GSRN	80, 120, 240	R134A	less dryer 874 (397)	less dryer 73 x 32 x 66 (1854 x 819 x 1676)
	XGNC	(303, 454, 908)		with GSRN dryer 988 (488) with XGNC dryer 934 (424)	with dryer 72 x 32 x 66 (1829 x 819 x 1676)
L05					

Dryer on AirStation™ package has separate electrical connection and voltage.

L-Series Features (5-7.5 HP)

- Belt drive, oil flooded, single stage rotary screw air compressor
- AEON 4000 lubricant
- Air-cooled only
- Standard & optional condensate drains (with receiver tank selection)
- CRN and ASME rated aftercooler
- UL labeled electronics (including C-UL-US open industrial control panel)
- GD Pilot™ microprocessor controller
- IP54 electrical enclosure
- Load/no load control and timed shutdown
- Moisture separator (shipped loose)
- Mounted and wired full voltage starter (3ph)
- Mounted and wired inverter (1ph)
- Optional ASME receiver tank (80, 120, 240 gallons)
- Optional mounted non-cycling refrigerated dryer (with receiver tank selection)
- Optional three-way bypass valve (with receiver tank and mounted dryer)
- Quiet enclosure
- Spin-on oil filter and air/oil separator
- Second pressure band control for lead/lag operation
- Stainless steel piping (with receiver tank and mounted dryer)
- TEFC main motor
- Two-stage air filter
- Voltage: 208/230/380/400/460/575V

*Dryer on AirStation package has separate electrical connection and voltage.

Gardner Denver®

Gardner Denver, Inc.

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

www.gardnerdenver.com/gdproducts



©2021 Gardner Denver, Inc. Printed in U.S.A.
GSCS-L04-L05 3rd Ed. 3/21

Please recycle after use.