



4-11 KW FIXED SPEED ROTARY SCREW COMPRESSORS

L-Series

Advanced Technology. Inspired Simplicity.

L-Series compressors from Gardner Denver deliver more than advanced rotary screw technology. They feature clean, simple, and intuitive machine layouts designed for reliable performance and ease of operation. Equipped with standard TEAO main motors, GD Governor™ touchscreen controllers, and quiet enclosures, L-Series compressors are an optimal solution when a feature-rich, easy-to-operate air system is required.

First-Class Serviceability

L-Series compressors set a new standard in serviceability. Compact package designs provide excellent access to key service items—including the air filter, air/oil separator, and oil filter—while minimizing piping and unnecessary connections to reduce leak potential. Standard automatic belt tensioning further simplifies maintenance, resulting in a world-class small-horsepower compressor package.

- Service-friendly package design
- Integrated airend design for enhanced access

Configuration Flexibility

L-Series compressors are available in base-mount or AirStation™ configurations. The plug-and-play AirStation™ system mounts the compressor on a horizontal receiver tank, with or without a refrigerated air dryer, to minimize installation time and cost.

AirStation™ Configuration Options

High-end refrigerated dryer options, stainless steel piping, three-way bypass valve, integrated forklift slots, and automatic tank drain are available.

Gardner
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L04-L11 ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR		60 Hz				NOISE LEVEL ²	WEIGHT		DIMENSIONS L x W x H
	HP	KW	NOMINAL PRESSURE		FAD ¹			LBS	KG	
			PSIG	BAR	ACFM	M ³ /MIN				
L04	5	4	100	7.6	24.11	0.68	68	461	209	27 x 28 x 45 (667 x 698 x 1124)
			130	9.0	21.85	0.62				
			190	13.1	15.24	0.43				
L05	7	5.5	100	7.6	30.4	0.86	70	576	261	27 x 28 x 45 (668 x 699 x 1125)
			130	9.0	28.3	0.80				
			190	13.1	21.7	0.61				
L07	10	7.5	100	7.6	45.1	1.28	70	576	261	27 x 28 x 45 (668 x 699 x 1125)
			130	9.0	40.0	1.13				
			190	13.1	28.9	0.82				
L11	15	11	100	7.6	61.3	1.74	70	576	261	27 x 28 x 45 (668 x 699 x 1125)
			130	9.0	56.3	1.59				
			190	13.1	42.2	1.20				

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 +/- 3dB

AIR STATION SPECIFICATIONS, 60 HZ

MODEL	WEIGHT LBS (KG)				DIMENSIONS L x W x H IN. (MM)			
	80 GAL (303 L)		120 GAL (454 L)		80 GAL (303 L)		120 GAL (454 L)	
	LESS DRYER	WITH DRYER	LESS DRYER	WITH DRYER	LESS DRYER	WITH DRYER	LESS DRYER	WITH DRYER
L04	785	864	789	871	70.8 x 28.1 x 68.2	70.1 x 28.2 x 68.2	75 x 28.1 x 73.3	74.1 x 28.2 x 73.3
L05	(356)	(392)	(358)	(395)	(1798 x 713 x 1733)	(1779 x 717 x 1733)	(1905 x 713 x 1863)	(1883 x 717 x 1863)
L07	900	1078	904	1087	70.8 x 28.1 x 68.2	70.1 x 28.2 x 68.2	75 x 28.1 x 73.3	74.1 x 28.2 x 73.3
L11	(408)	(489)	(410 kg)	(493)	(1798 x 714 x 1732)	(1781 x 716 x 1732)	(1905 x 714 x 1862)	(1882 x 716 x 1862)

Dryers are RGDA Series (L04 & L05) and XGNC Series (L07 & L11) and use R513A Refrigerant. Dryer on AirStation™ package has separate electrical connection and voltage.

L-Series Features

(All Models 4-11 kW)

- Belt drive, oil-flooded, single-stage rotary screw air compressor
- AEON® 4000 lubricant
- Air-cooled design
- CRN- and ASME-rated aftercooler
- GD Governor™ 4.3 touchscreen controller
- IP54 electrical enclosure
- UL and CSA-labeled electronics (including C-UL-US open industrial control panel)
- Load/no-load control with timed shutdown
- Moisture separator (shipped loose)
- Quiet enclosure
- TEAO main motor
- Second pressure band control for lead/lag operation
- Stainless steel piping (with receiver tank and mounted dryer)
- Voltage: 208 / 230 / 460 / 575V

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

4-5 kW Models

- Mounted and wired starter:
 - Full-voltage (3-phase)
 - Inverter-driven (1-phase)
- Spin-on oil filter and air/oil separator
- Two-stage air filter
- Condensate drain: standard or optional (with receiver tank)
- Optional non-cycling refrigerated dryer (with receiver tank)

7-11 kW Models

- Mounted and wired wye-delta starter
- Integrated spin-on oil filter, air/oil separator, and two-stage air filter
- Integrated thermostatic thermal mixing valve
- Optional automatic zero-loss condensate drain
- Optional non-cycling refrigerated dryer (with receiver tank)

Available Options (All Models)

- Optional ASME receiver tank (80 or 120 gallons)

**Gardner
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 Please recycle after use.

