



10-30 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 integrated airoend design techniques, 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 standard high-end and optional components such as a three-way bypass valve, stainless steel piping, integrated fork lift slots and an automatic tank drain, the L-Series AirStation™ is the ideal solution for a compressed air system that requires minimal installation time and cost.

Gardner
Denver

L07-L22 ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR		50 Hz				60 Hz				NOISE LEVEL ²	WEIGHT		DIMENSIONS L x W x H IN. (MM)
			NOMINAL PRESSURE		FAD ¹		NOMINAL PRESSURE		FAD ¹					
			PSIG	BAR	ACFM	M ³ /MIN	PSIG	BAR	ACFM	M ³ /MIN				
L07	10	7	110	7.5	45.9	1.30	100	6.9	44.5	1.26	71	452	205	27 x 25 x 41 (686 x 635 x 1041)
			145	10.0	37.4	1.06	125	8.6	38.7	1.10				
			190	13.0	30.0	0.85	190	13.0	26.4	0.75				
L11	15	11	110	7.5	66.0	1.87	100	6.9	63.1	1.79	73	483	219	31 x 28 x 47 (787 x 711 x 1194)
			145	10.0	56.8	1.61	125	8.6	57.9	1.64				
			190	13.0	46.6	1.32	190	13.0	44.1	1.25				
L15	20	15	110	7.5	95.3	2.70	100	6.9	89.4	2.53	74	739	335	
			145	10.0	79.8	2.26	125	8.6	83.4	2.36				
			190	13.0	63.5	1.80	190	13.0	63.1	1.79				
L18	25	18	110	7.5	114.7	3.25	100	6.9	110.9	3.14	74	796	361	
			145	10.0	96.7	2.74	125	8.6	101.9	2.89				
			190	13.0	82.6	2.34	190	13.0	80.2	2.27				
L22	30	22	110	7.5	128.8	3.65	100	6.9	125.8	3.56	74	810	367	
			145	10.0	113.3	3.21	125	8.6	116.5	3.30				
			190	13.0	92.1	2.61	190	13.0	92.0	2.61				

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	DRYER MODEL	RECEIVER SIZE	REFRIGERANT	WEIGHT	DIMENSIONS
		GAL (LITERS)		LBS (KG)	L x W x H IN. (MM)
				120 GAL	120 GAL
L07	GSRN XGNC	80, 120, 240 (303, 454, 908)	R134A	less dryer 953 (433) with GSRN dryer 1079 (489) with XGNC dryer 1030 (467)	less dryer 73 x 32 x 66 (1854 x 819 x 1676)
L11	GSRN XGNC			less dryer 984 (446) with GSRN dryer 1128 (512) with XGNC dryer 1078 (489)	with dryer 72 x 32 x 66 (1829 x 819 x 1676)
L15	GSRN XGNC XGCV	less dryer 1240 (563) with GSRN dryer 1506 (683) with XGNC dryer 1359 (616) with XGCV dryer 1415 (642)		less dryer 72 x 32 x 72 (1829 x 813 x 1829)	
L18	GSRN XGNC XGCV	120, 240 (454, 908)		less dryer 1297 (589) with GSRN dryer 1574 (714) with XGNC dryer 1471 (667) with XGCV dryer 1477 (670)	with dryer 72 x 32 x 72 (1829 x 813 x 1829)
L22	GSRN XGNC XGCV	less dryer 1311 (595) with GSRN dryer 1598 (725) with XGNC dryer 1486 (674) with XGCV dryer 1492 (677)			

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

L-Series Features (10-30 HP)

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

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

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