



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 airend 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 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					
	HP	KW	PSIG	BAR	ACFM	M ³ /MIN	PSIG	BAR	ACFM	M ³ /MIN	DB(A)	LBS	KG	
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	
			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	31 x 28 x 47 (787 x 711 x 1194)
			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		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 +/- 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)	
				80 GAL	120 GAL	80 GAL	120 GAL
L07	RNC50	80, 120 (303, 454)		Less Dryer 882 (400) With Dryer 922 (418)	Less Dryer 905 (411) With Dryer 995 (451)	Less Dryer 52 x 32 x 68 (1321 x 813 x 1727)	Less Dryer 73 x 32 x 68 (1854 x 813 x 1727)
L11	RNC75			Less Dryer 853 (387) With Dryer 1104 (501)	Less Dryer 936 (425) With Dryer 1188 (539)	With Dryer 63 x 32 x 68 (1600 x 813 x 1727)	With Dryer 72 x 32 x 68 (1829 x 813 x 1727)
L15	RNC100 RES90	120 (454)	R134A	Less Dryer 1194 (542)	With RNC Dryer 1505 (683) With RES Dryer 1569 (712)	Less Dryer 73 x 32 x 74 (1854 x 813 x 1880) With Dryer 80 x 32 x 74 (2032 x 813 x 1880)	
L18	RNC125 RES120			Less Dryer 1251 (567)	With RNC Dryer 1584 (719) With RES Dryer 1569 (712)		
L22	RNC150 RES140			Less Dryer 1265 (574)	With RNC Dryer 1604 (728) With RES Dryer 1588 (720)		

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
- Automatic zero-loss condensate drain (with receiver tank selection)
- CRN and ASME rated aftercooler
- CSA labeled and approved electrical controls and wiring
- 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 gallons)
- Optional mounted cycling or non-cycling refrigerated dryer (with receiver tank selection)
- Optional cold coalescing filter (with mounted dryer)
- Quiet enclosure
- TEFC main motor
- 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)
- cUL labeled electronics (including C-UL-US open industrial control panel)
- Voltage: 208 / 230 / 460 / 575V (3 phase only)

Gardner Denver®

