



40-60 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

L30-L45 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				
L30	40	30	110	7.5	203	5.75	110	6.9	196.9	5.78	69	2035	923	
			145	10	176.9	5.01	125	8.6	181.1	5.13				
			190	13	150.7	4.27	190	13.0	138.4	3.92				
L37	50	37	110	7.5	247.1	7.00	110	6.9	233.7	6.62	70	2130	966	67.8 x 36.2 x 65.3 (1722 x 920 x 1659)
			145	10	217.8	6.17	125	8.6	218.6	6.19				
			190	13	187.1	5.30	190	13.0	171.9	4.87				
L45	60	45	110	7.5	282.4	8.00	110	6.9	269.4	7.63	71	2178	988	
			145	10	247.1	7.00	125	8.6	245.7	6.96				
			190	13	215.7	6.11	190	13.0	189.2	5.36				

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

L-Series Features (40-60 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
- GD Governor™ microprocessor controller
- Electrical components UL listed for the US and Canada, including C-UL-US listed open control panel
- 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
- 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: 200 / 230 / 460 / 575V (3 phase only)



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GSCS-L30-L45 1st Ed. 7/19
Supersedes GSCS-L30-L75 2nd 4/18

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