



55-75 KW VARIABLE SPEED ROTARY SCREW COMPRESSORS

LRS-Series

Advanced Technology. Inspired Simplicity.

LRS-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, robust and high performing Eaton inverter drives, Governor™ microprocessor controllers and quiet enclosures, an LRS-Series unit from Gardner Denver is the optimal solution when a feature-rich, simple-to-operate compressor is required.

First Class Serviceability

The LRS-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

L55RS-L75RS ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR		50 Hz				60 Hz				NOISE LEVEL ²		WEIGHT		DIMENSIONS L x W x H IN. (MM)
	HP	KW	NOMINAL PRESSURE		FAD ¹		NOMINAL PRESSURE		FAD ¹		DB(A) @ 70% LOAD	LBS	KG		
			PSIG	BAR	ACFM	M ³ /MIN	PSIG	BAR	ACFM	M ³ /MIN					
L55RS	75	55	110	7.5	361.3	10.2	100	7.5	361.3	10.2	69	3805	1726		
			125	8.6	341.1	9.7	125	8.6	341.1	9.7					
			145	10	318.6	9.0	145	10	318.6	9.0					
L75RS	100	75	110	7.5	463.4	13.1	100	7.5	463.4	13.1	72	3968	1780		
			145	10	410.5	11.6	145	10	410.5	11.6					
			190	13	362.5	10.3	190	13	362.5	10.3					

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

LRS-Series Features (55-75 kW)

- Direct 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
- Eaton inverter drive
- CRN and ASME rated aftercooler
- Electrical components UL listed for the US and Canada, including cUL-US listed open control panel
- EMC filter and DC bus choke
- Governor™ microprocessor controller with touchscreen
- Integrated spin-on oil filter
- Integrated thermostatic thermal mixing valve
- Type 1 electrical enclosure
- Moisture separator (shipped loose)
- Multi-compressor sequencing
- Optional line reactor (shipped loose)
- Optional water cooling available
- Quiet enclosure
- Built-in data logging
- Second pressure band control for lead/lag operation
- TEFC main motor
- Two-stage air filter and air/oil separation system
- Voltage: 460V/575V (60 Hz all models)

**Gardner
Denver®**

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