



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 ³		DIMENSIONS L x W x H	
	HP	KW	NOMINAL PRESSURE		FAD		NOMINAL PRESSURE		FAD ¹			DB(A)	LBS		KG
			PSIG	BAR	ACFM	M ³ /MIN	PSIG	BAR	ACFM	M ³ /MIN					
L55RS	75	55	110	7.5	361.3	10.2	110	7.6	364.7	10.33	69	3732	1693	85 x 49 x 78 (2159 x 1222 x 1971)	
			125	8.6	341.1	9.7	125	8.6	344.0	9.74					
			145	10.0	318.6	9.0	145	10.0	318.0	9.00					
L75RS	100	75	110	7.5	463.4	13.1	110	7.6	473.4	13.41	72	3895	1767		
			145	10.0	410.5	11.6	125	8.6	448.4	12.70					
			190	13.0	362.5	10.3	190	13.1	367.8	10.41					

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) Noise levels are for air-cooled and water-cooled models, and measured in free field conditions in accordance with ISO 2151, tolerance +/- 3 dB.

3) Weights are for air-cooled models.

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)



Panels removed to show internal components.

Gardner Denver®

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Please recycle after use.