



22-30 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 Allen Bradley inverter drives, GD Pilot™ 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 controller and you have a world class small horsepower compressor package.

**Gardner**  

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**Denver**

# L23RS-L29RS ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR		50 Hz				60 Hz				NOISE LEVEL <sup>2</sup>	WEIGHT		DIMENSIONS L x W x H IN. (MM)
			NOMINAL PRESSURE		FAD <sup>1</sup>		NOMINAL PRESSURE		FAD <sup>1</sup>					
			PSIG	BAR	ACFM	M <sup>3</sup> /MIN	PSIG	BAR	ACFM	M <sup>3</sup> /MIN				
L23RS	30	22	100	7.0	145.4	4.12	110	7.5	145.5	4.12	68	1501	681	53 x 35 x 64 (1346 x 889 x 1626)
			130	9.0	132.0	3.74	145	10.0	123.5	3.50				
			190	13.0	102.0	2.89	190	13.0	102.1	2.89				
L26RS	35	26	100	7.0	169.1	4.79	110	7.5	168.9	4.78	70	1561	708	
			130	9.0	153.9	4.36	145	10.0	144.9	4.10				
			190	13.0	125.7	3.56	190	13.0	125.7	3.56				
L29RS	40	30	100	7.0	191.0	5.42	110	7.5	190.9	5.41	70	1570	712	
			130	9.0	171.6	4.86	145	10.0	159.0	4.50				
			190	13.0	134.8	3.82	190	13.0	134.9	3.82				

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

## LRS-Series Features (22-30 kW)

- Direct drive, oil flooded, single stage rotary screw air compressor
- AEON 4000 lubricant
- Air-cooled only
- Air supply piping includes hard pipe design with Viton Victaulic couplings
- Allen Bradley inverter drive
- CRN and ASME rated aftercooler
- CSA labeled and approved electrical controls and wiring
- cUL labeled electronics (including C-UL-US open industrial control panel)
- EMC filter and DC bus choke
- GD Pilot™ microprocessor controller
- Integrated spin-on oil filter
- Integrated thermostatic thermal mixing valve
- IP54 electrical enclosure
- Moisture separator (shipped loose)
- Optional line reactor (shipped loose)
- Quiet enclosure
- Second pressure band control for lead/lag operation
- TEFC main motor
- Two-stage air filter and air/oil separation system
- Voltage: 460V (3 phase only)

# Gardner Denver®

**Gardner Denver, Inc.**

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