



**L Series**  
**L22SR (30 HP)**

Variable Speed Rotary Screw Compressor

**NEW**



**INTELLIGENT AIR TECHNOLOGY**

## ⇒ L22SR Variable Speed Rotary Screw Compressor

The LSR series of rotary screw compressors incorporates a variable speed switched reluctant drive system of outstanding efficiency, offering the ability to precisely match power consumption with demand.

### ⇒ LOW MAINTENANCE COSTS

All service components are conveniently grouped and are accessed via the easy to remove canopy. Keeping service time and costs to a minimum.

### ⇒ LARGE-SIZED AFTERCOOLER

Guarantees optimum cooling and ensures that the air delivery temperature is kept to a minimum.



### ⇒ DELCOS Pro controller

can be positioned on the front or the top of the compressor to suit all applications. Very reliable and extremely user-friendly.

### ⇒ HIGHLY EFFICIENT AIREND

The highly efficient compressor element is operated at low speeds, significantly reducing energy costs. The innovative, integrated design with oil separator, oil filter and oil thermostat valve keeps the number of external hoses to a minimum, increasing reliability.

### ⇒ PACKAGING

Fully accessible from all 4 sides, for ease of installation.

### ⇒ SUPERIOR TECHNOLOGY

Varying the speed of the drive motor with the switched reluctant drive technology provides a level of efficiency which cannot be matched by other conventional variable speed drive systems.



## ⇒ Technical Specifications

SCREW COMPRESSOR	MODEL	L22SR	
Operating pressure	psig	75	– 190
Volume flow at 100 psi <sup>1)</sup> min. – max.	cfm	31.4	– 125.7
		at 125 psi <sup>1)</sup> min. – max.	30.5 – 117.4
		at 145 psi <sup>1)</sup> min. – max.	30.0 – 109.8
		at 190 psi <sup>1)</sup> min. – max.	27.2 – 92.5
Drive motor	HP (kW)	30 (22)	
Voltage	V / Hz / ph	460 / 60 / 3	
Noise level <sup>2)</sup>	dB (A)	74 (at 70% load)	
<b>DIMENSIONS</b>			
Length x width x height	inches (mm)	31 x 27.5 x 47.3 (787 x 698 x 1202)	
Weight	lbs (kg)	782 (355)	

## ⇒ Features & Benefits

- ⇒ Small footprint – compact, quiet and simple to install
- ⇒ Fully integrated Airend – exceptional reliability, reducing external components to a minimum.
- ⇒ Quiet enclosed
- ⇒ Highly efficient SR Drive system, with low switching frequency – up to 16 times lower than frequency converters, guarantees the highest degree of efficiency
- ⇒ PLATINUM WARRANTY PLAN™ for complete peace of mind

<sup>1)</sup> Data measurements and specifications in accordance with ISO 1217 Annex C and Pneurop/Cagi PN2CPTC2 within the tolerances specified: Intake pressure 14.5 psi, Intake temperature 20°C, Humidity 0% (dry)

<sup>2)</sup> Free field sound ranging in accordance with Pneurop/Cagi PN8TNC2.2 test code, tolerance +/- 3dB



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Member

