

Champion® LRS-Series Variable Speed Rotary Screw Compressors: 10–30 hp

SKU: L07RS-L22RS

Price: ?0.00



Description

LRS-Series L07RS–L22RS compressors from Champion® 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, Pilot™ microprocessor controllers and quiet enclosures, an L-Series unit from Champion is the optimal solution when a feature-rich, simple-to-operate compressor is required.

L07RS–L22RS compressors are available in base mount or AirStation™ configurations. The plug-and-play AirStation™ is an L-Series compressor mounted on a horizontal receiver tank with or without a refrigerated air dryer. Featuring standard high-end and optional components such as a three-way bypass valve, stainless steel piping, integrated forklift slots and an automatic tank drain, the L-Series AirStation™ is the ideal solution for a compressed air system that requires minimal installation time and cost.

LRS-Series L07RS–L22RS Features: 10–30 hp

- Belt drive, oil flooded, single stage rotary screw air compressor
- RotorLub 4000 lubricant
- Air-cooled only
- Robust inverter drive
- Optional automatic zero-loss condensate drain (with receiver tank selection)
- CRN and ASME rated aftercooler
- Optional EMI filter and standard DC bus choke
- Pilot™ microprocessor controller
- Integrated thermostatic thermal mixing valve
- IP54 electrical enclosure

- Moisture separator (shipped loose)
- Optional ASME receiver tank (80, 120, or 240 gallons)
- Optional mounted non-cycling refrigerated dryer (with receiver tank selection)
- Optional line reactor (shipped loose)
- Optional cold coalescing filter (with mounted CRN & CRE dryer)
- Optional three-way bypass valve (with receiver tank and mounted dryer)
- Quiet enclosure
- Second pressure band control for lead/lag operation
- Stainless steel piping (with receiver and mounted tank dryer)
- TEFC main motor
- UL labeled electronics (including C-UL-US open industrial control panel)
- Standard manual tank drain (with receiver tank)
- Voltage
 - 230V/380V/460V/575V - 3 phase only
 - Dryer on AirStation™ has separate electrical connection and voltage

L07RS–L22RS Rotary Screw Compressor Air Delivery, 60 Hz

Model	HP	kW	Noise Level dB (A)	Nominal Pressure psi (bar)	FAD ACFM (m³/min)
L07RS	10	7	63	110 (7.0)	42.9 (1.22)
				130 (9.0)	37.6 (1.07)
				190 (13.0)	27.9 (0.79)
L11RS	15	11	64	110 (7.0)	62.1 (1.76)
				130 (9.0)	56.9 (1.61)
				190 (13.0)	43.5 (1.23)
L15RS	20	15	67	110 (7.0)	92.0 (2.61)
				130 (9.0)	81.3 (2.30)
				190 (13.0)	59.1 (1.67)
L18RS	25	18	68	110 (7.0)	107.8 (3.05)
				130 (9.0)	95.7 (2.71)
				190 (13.0)	77.8 (2.20)
L22RS	30	22	69	110 (7.0)	125.2 (3.55)
				130 (9.0)	116.3 (3.29)
				190 (13.0)	94.0 (2.66)

For AirStation™ specifications, please refer to BROCHURES tab.