

CHAMPION

L07RS-L29RS (7-30 KW)
VARIABLE-SPEED ROTARY SCREW COMPRESSORS

LRS-Series



Advanced Technology Inspired Simplicity

A Better Approach

Champion has a long history of manufacturing compressed air equipment. With our LRS-Series line of products, we have uniquely combined simplicity with cutting edge design. The result—a compressor that delivers outstanding performance with unprecedented serviceability.

The Total Package

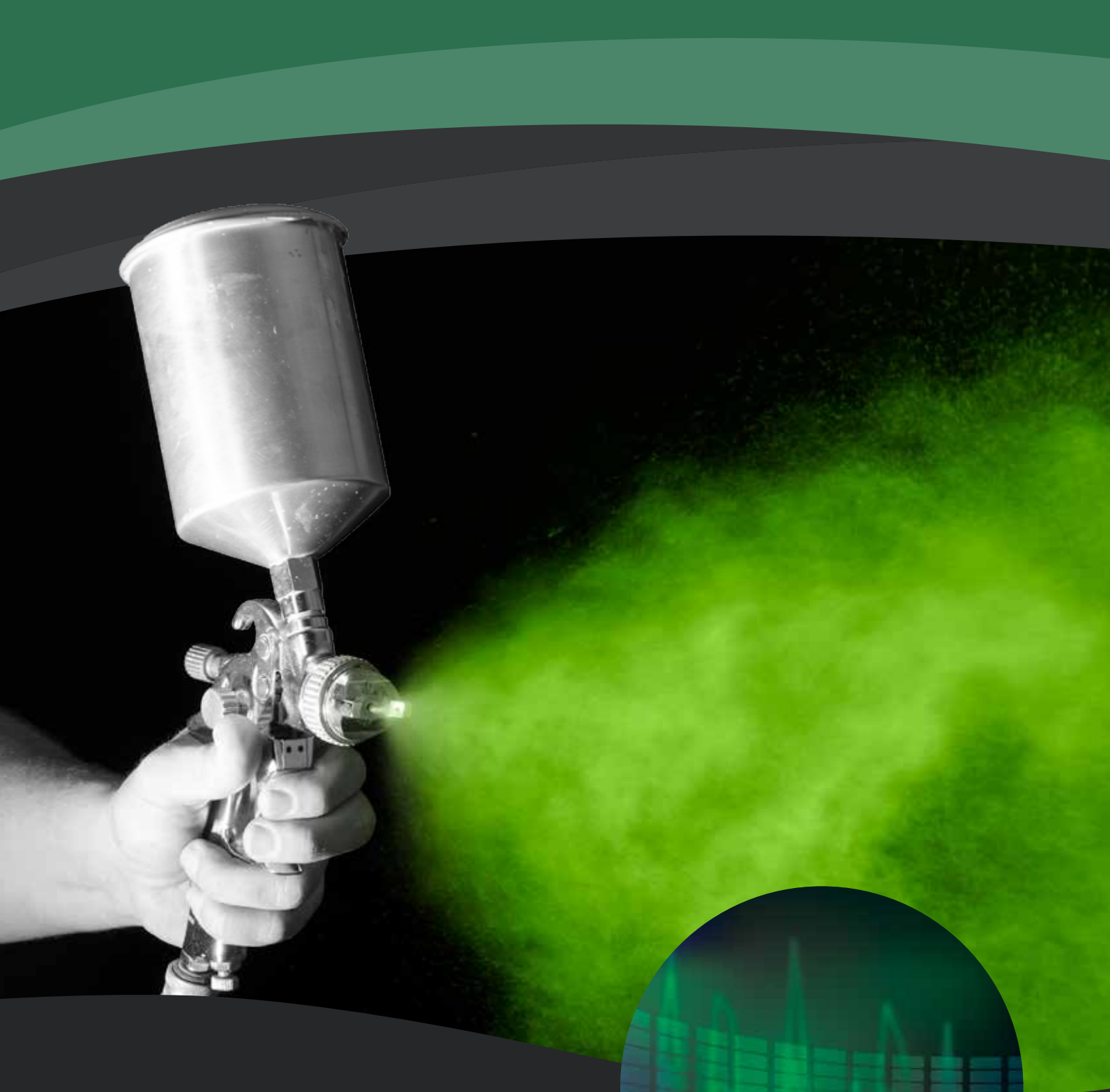
Champion has the total package—extensive compressor and air treatment product lines, sales and service support through our extensive network of authorized local distributors, and industry leading warranty programs. Because we offer more than just compressed air equipment, we can provide solutions that keep you running, protect your production objectives, and save you money.



Expect More?
Choose Champion

Without sacrificing serviceability, the LRS-Series compressor packages feature some of the smallest footprints in the industry.





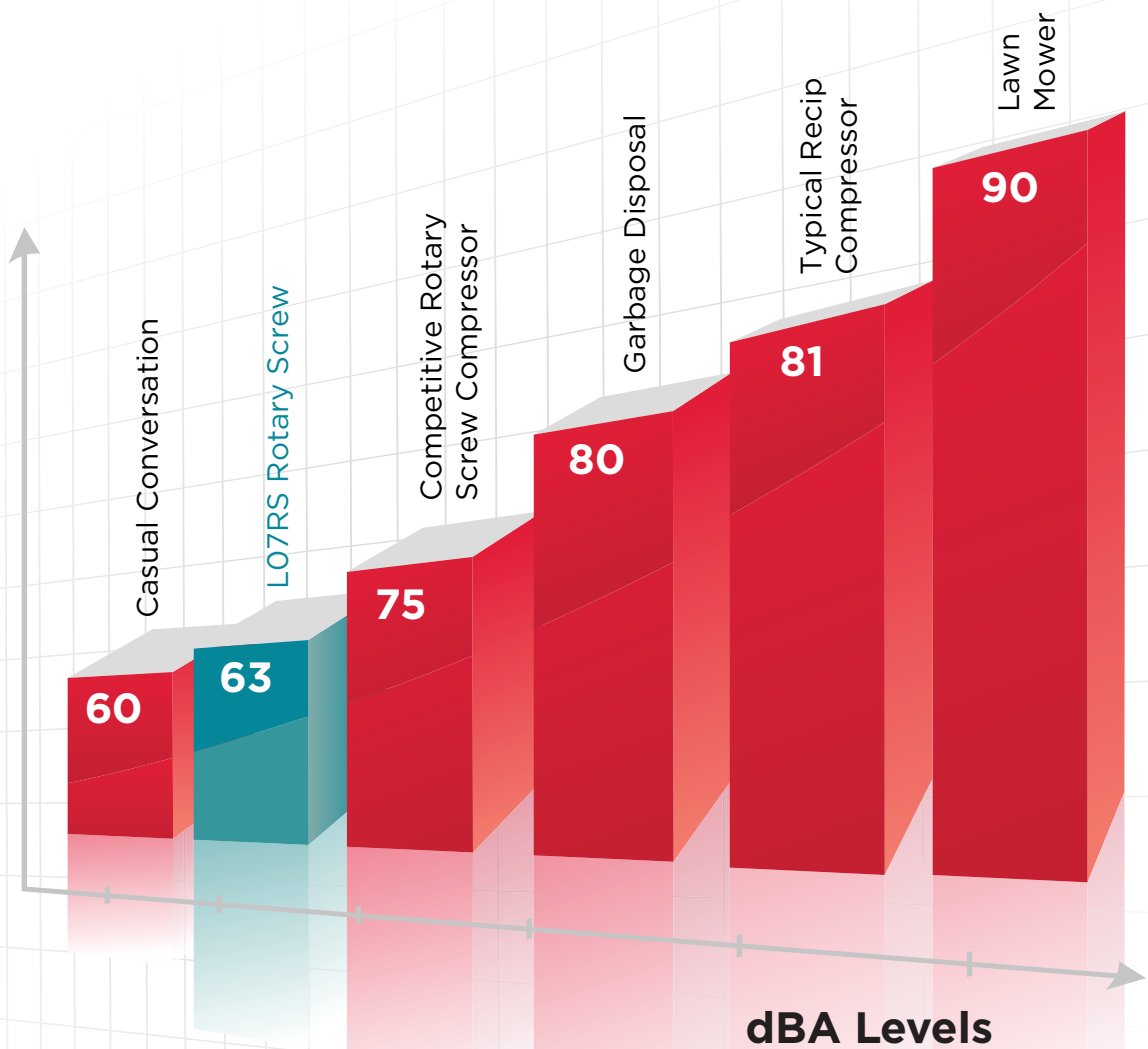
Champion — Taking Quiet
to a **Whole New Level**



Compact, Quiet Compressors

Nearly Silent Noise Levels

The Champion LRS-Series compressor designs feature high-quality, sound-insulating enclosure panels and a low-noise, thermostatically-controlled, motor-driven fan. These components reduce the noise to whisper-quiet levels and eliminate the need for a separate compressor room, saving money on installation costs.



Reduce Energy. Maximize Efficiency. Save Money.

Perfect Response to Your Individual Air Demand

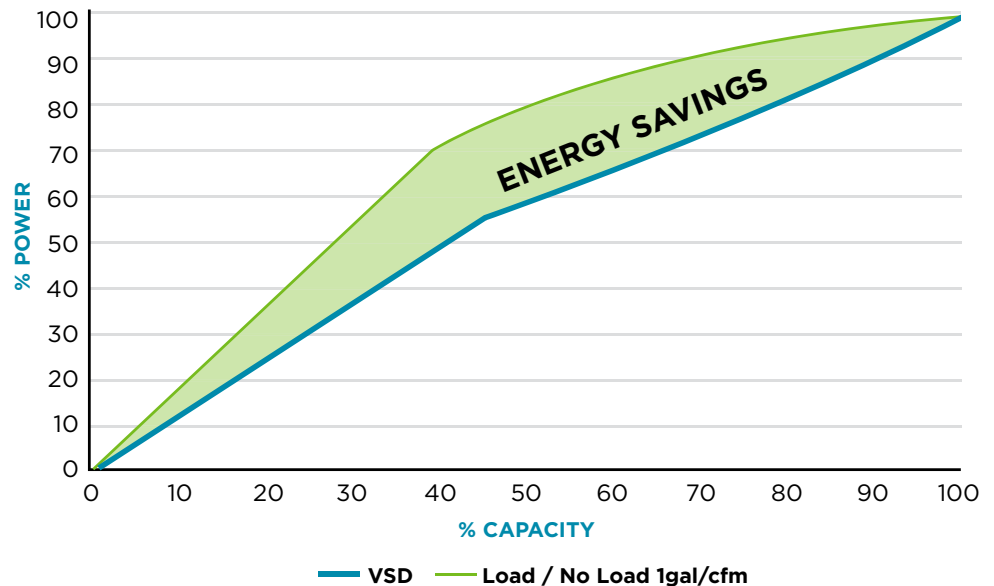
Variable speed compressors from Champion can efficiently and reliably handle the varying air demand. The right variable speed compressor in the right application delivers significant energy savings and a stable air supply at constant pressure.

Minimize Your Energy Consumption

The largest cost component of a compressor during its lifetime is the power required to operate it. Maximum efficiency at any level of demand cuts energy costs and saves money.



Variable Speed Drive



Energy Savings

High Efficiency
TEFC Motor

Low Life Cycle Costs

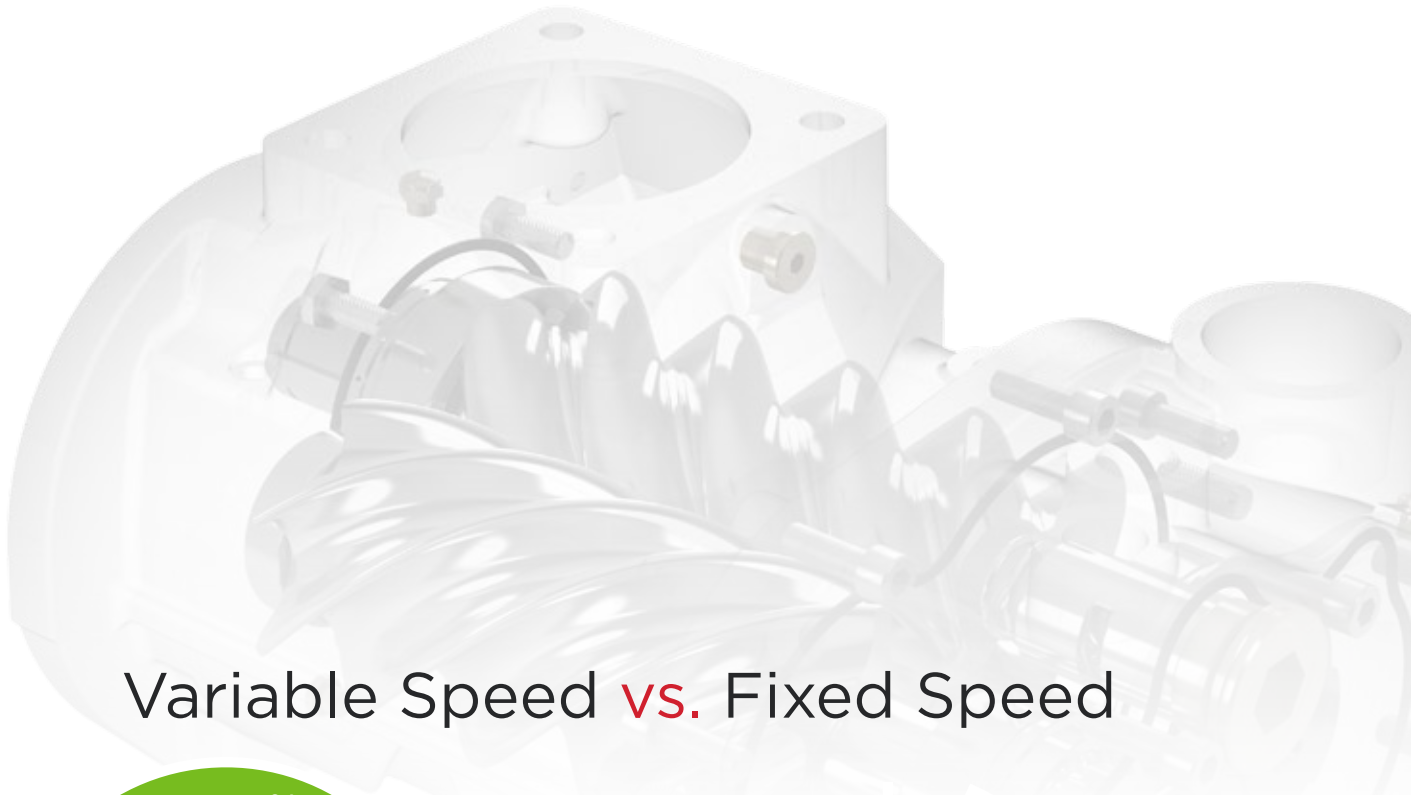
Market Leading Energy Savings

Lowest
kW/100
CFM

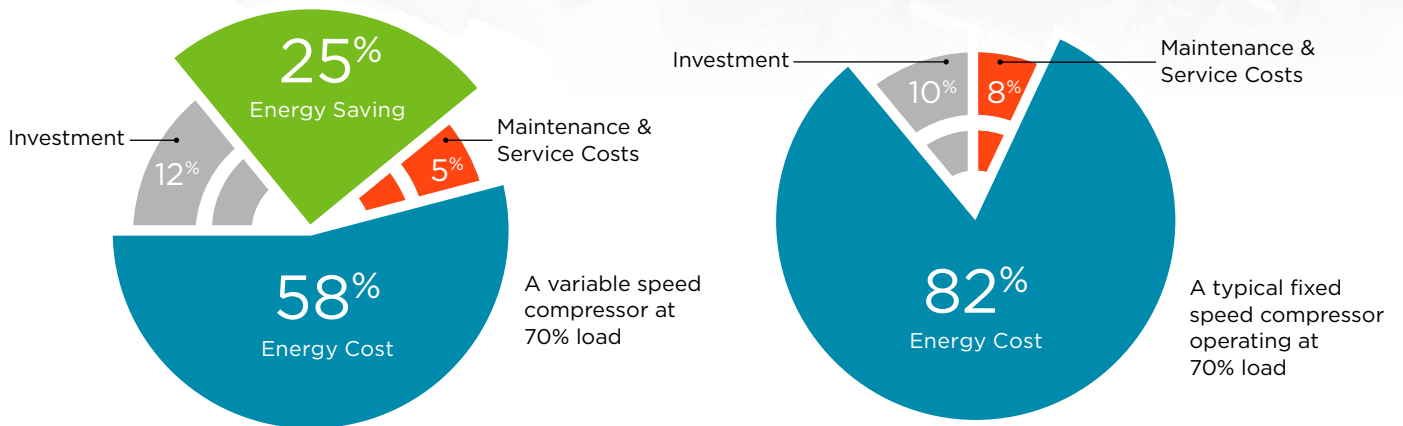
Minimal
Pressure
Drop

VALUE

Superior
Specific Power



Variable Speed vs. Fixed Speed



Using a variable speed compressor can easily **save 25% energy** by using just the right amount of energy required to do the job and no more.

Get in Touch with the **Next Generation** of Compressor Controllers

State-of-the-Art

Champion completes its industry leading compressor packages with the state-of-the-art dual position Pilot controller. Featuring advanced software and an easy to use interface, the Pilot controller provides and displays an extensive amount of data on the operation of your compressor.

Pilot Controller Features

- Real time clock
- Second pressure setting
- Discharge/line/network pressure data displayed
- Advanced fault history log
- Programmable inputs and outputs
- Auto restart after power failure
- RS485-Modbus RTU standard



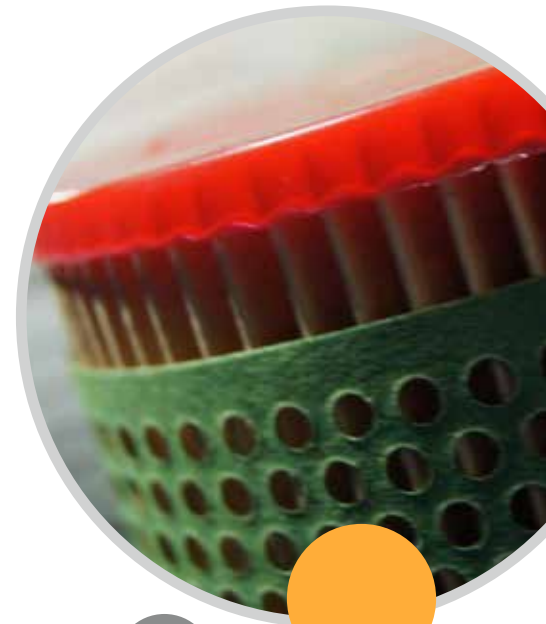
Keeping the System Healthy

Total System Protection

For decades Champion has been supporting the compressed air industry with high quality, long-lasting compressor and air treatment solutions. Carrying on that legacy, our robust line of parts, lubricant and downstream accessories ensure your system stays healthy.

The focus on total system protection by Champion not only includes OEM parts and fluid solutions, but a commitment to the longevity of your equipment through our industry leading warranty programs.

Protect your investment.



Ensure your
compressed air
system remains a
total package



Sales & Service **Distributors** Across America

An Extensive Network

Your sales, service and technical support needs will be handled quickly and easily by our extensive network of Champion factory-trained, authorized local distributors. Maintaining and adequately servicing your compressor has never been easier.

To find a distributor visit:
www.championpneumatic.com



L07RS-L29RS ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR		50 HZ				60 HZ							DIMENSIONS L x W x H IN. (MM)		
			NOMINAL PRESSURE		FAD ¹		NOMINAL PRESSURE		FAD ¹		NOISE LEVEL ²	WEIGHT				
			PSIG	BAR	ACFM	M ³ /MIN	PSIG	BAR	ACFM	M ³ /MIN	DB(A) @ 70% LOAD	LBS	KG			
L07RS	10	7	100	7.0	44.5	1.26	110	7.0	42.9	1.22	63	489	222	27 x 25 x 41 (686 x 635 x 1041)		
			130	9.0	35.7	1.01	130	9.0	37.6	1.07						
			190	13.0	29.3	0.83	190	13.0	27.9	0.79						
L11RS	15	11	100	7.0	63.9	1.81	110	7.0	62.1	1.76	64	509	231		31 x 28 x 47 (787 x 711 x 1194)	
			130	9.0	55.1	1.56	130	9.0	56.9	1.61						
			190	13.0	44.5	1.26	190	13.0	43.5	1.23						
L15RS	20	15	100	7.0	91.8	2.60	110	7.0	92.0	2.61	67	805	365			53 x 35 x 64 (1346 x 889 x 1626)
			130	9.0	77.0	2.18	130	9.0	81.3	2.30						
			190	13.0	59.0	1.67	190	13.0	59.1	1.67						
L18RS	25	18	100	7.0	107.7	3.05	110	7.0	107.8	3.05	68	840	381	53 x 35 x 64 (1346 x 889 x 1626)		
			130	9.0	92.5	2.62	130	9.0	95.7	2.71						
			190	13.0	77.7	2.20	190	13.0	77.8	2.20						
L22RS	30	22	100	7.0	125.0	3.54	110	7.0	125.2	3.55	69	851	386		53 x 35 x 64 (1346 x 889 x 1626)	
			130	9.0	111.2	3.15	130	9.0	116.3	3.29						
			190	13.0	93.9	2.66	190	13.0	94.0	2.66						
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	53 x 35 x 64 (1346 x 889 x 1626)		
			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		53 x 35 x 64 (1346 x 889 x 1626)	
			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 +/- 3 dB

Over **1,100** Champion distributors ready to provide solutions to all your compressed air needs



We're Where You Need Us

The leader in every market we serve
by continuously improving all business processes
with a focus on innovation and velocity

CHAMPION[®]

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