

CHAMPION

L04-L29 (5-40 HP)
FIXED-SPEED ROTARY SCREW COMPRESSORS

L-Series



Advanced Technology Inspired Simplicity

A Better Approach

Champion has a long history of manufacturing compressed air equipment. With our L-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 L-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

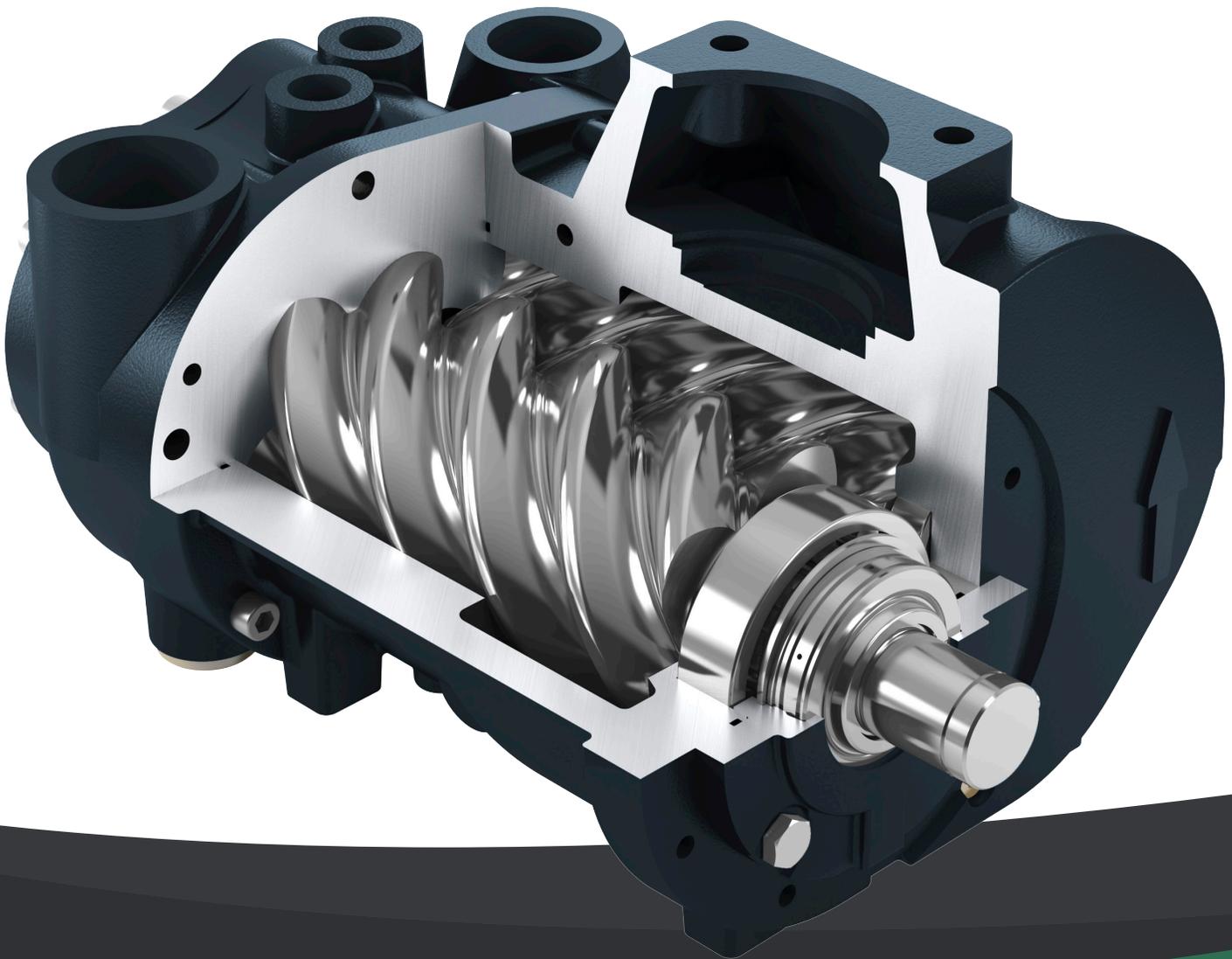
The Champion L-Series compressor designs feature high-quality, sound-insulating enclosure panels and a low-noise, thermostatically-controlled, motor-driven fan. These components reduce the noise to whisper-quiet levels and eliminate the need for a separate compressor room, saving money on installation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



Stay Focused on What Is **Important**

Compressors are more than just a financial investment. They are a key component in ensuring that you, as a manufacturer, processor and operator, receive consistent, high-quality low-cost air. Champion uses the latest design techniques to develop a compressor that focuses on the three most important aspects of a compressor.

Reliability. Performance. Value.



Direct Gear Drive Fewer Hose Connections
Integrated Thermostatic Mixing Valve Direct Angle Injection Integrated Air Filter Low Rotational Speeds

RELIABILITY

Integrated Oil Filter Integrated Oil Separator Belt Drive
Reduced Number of Components Fully Integrated Airend Semi Integrated Airend
Fail Safe Shaft System Less Leak Opportunities

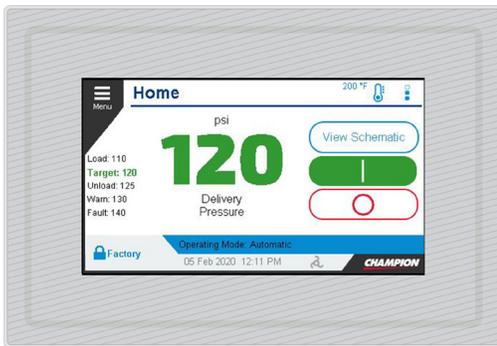
Ahead of the Competition!



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 and the full color Governor™ touchscreen 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. The cutting edge graphics on the Governor™ provide necessary compressor data and full color schematics in seconds.

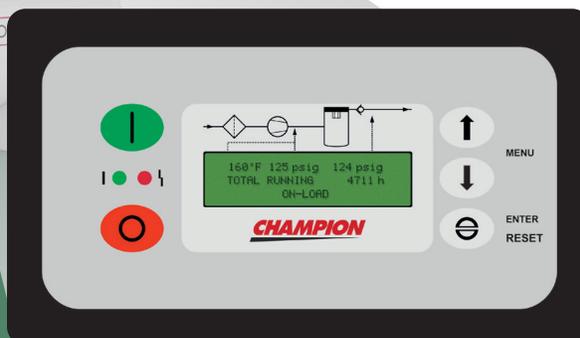


Governor™ Touchscreen Controller Features

- Available on L23-L29 compressor models
- User-friendly navigation with state-of-the-art graphics and design
- Machine status available on a 4.3-inch display
- Detailed schematics at your fingertips
- Advanced machine diagnostics
- Data logging and iConn connection
- Web server to allow access to the Governor™ from your desktop

Pilot Controller Features

- Available on L04-L22 compressor models
- 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



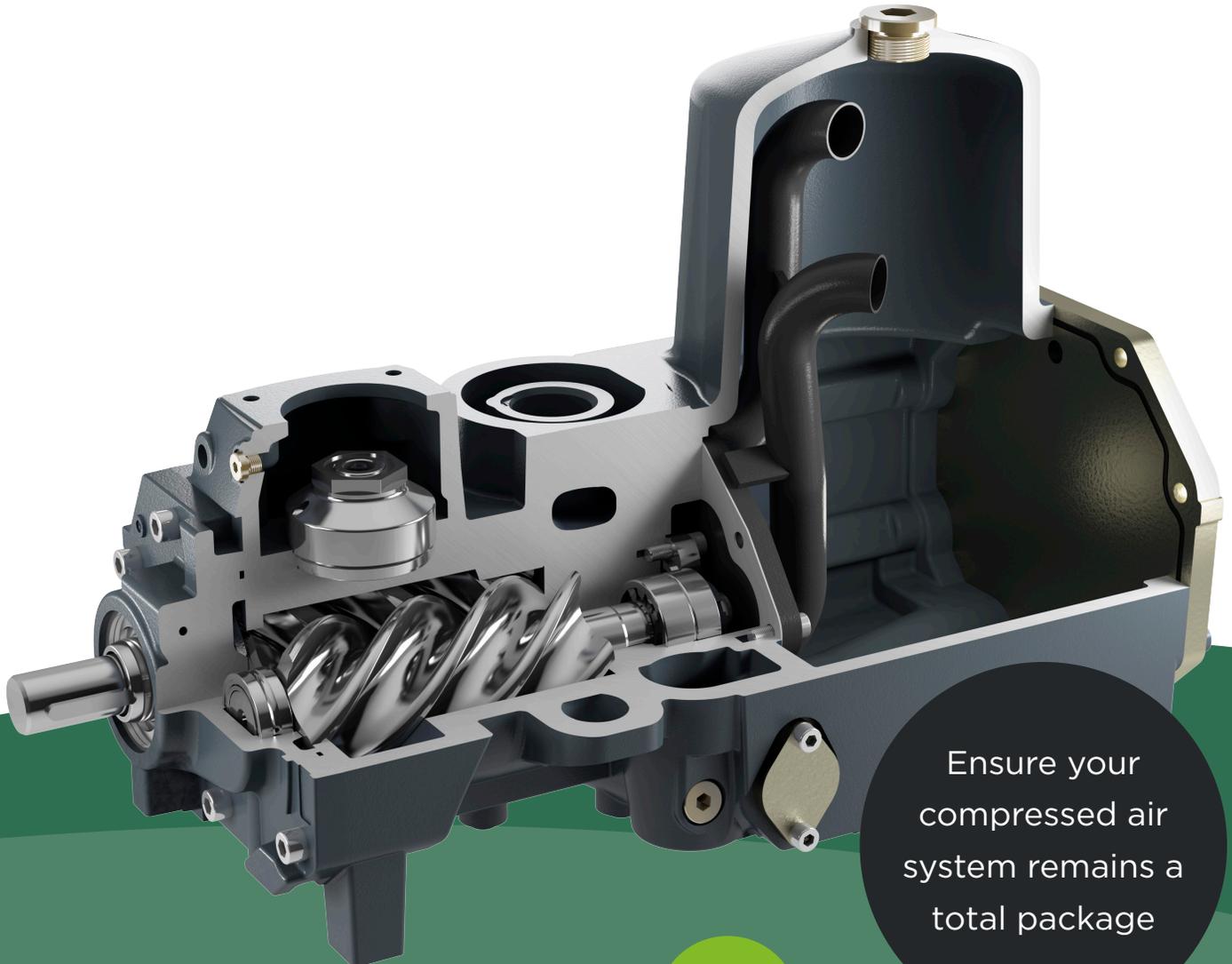
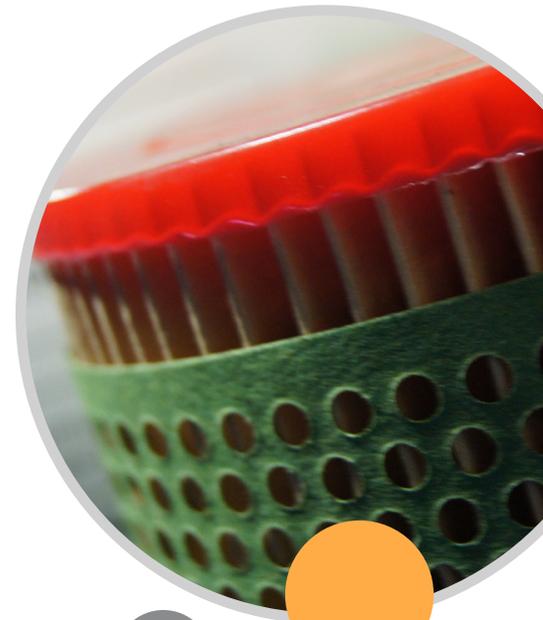
Keeping the System Healthy

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



L04-L29 ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR		50 HZ				60 HZ				NOISE LEVEL ²	WEIGHT		DIMENSIONS L x W x H IN. (MM)
			NOMINAL PRESSURE		FAD ¹		NOMINAL PRESSURE		FAD ¹					
			PSIG	BAR	ACFM	M ³ /MIN	PSIG	BAR	ACFM	M ³ /MIN				
L04	5	4	NA	NA	NA	NA	100	6.9	19.4	0.55	68	373	169	27 x 25 x 41 (686 x 635 x 1041)
			NA	NA	NA	NA	125	8.6	18.2	0.52				
			NA	NA	NA	NA	190	13.0	12.9	0.36				
L05	7.5	5	NA	NA	NA	NA	100	6.9	28.4	0.8	71	452	205	27 x 25 x 41 (686 x 635 x 1041)
			NA	NA	NA	NA	125	8.6	24.9	0.71				
			NA	NA	NA	NA	190	13.0	18.3	0.52				
L07	10	7	110	7.5	45.9	1.30	100	6.9	44.5	1.26	71	452	205	27 x 25 x 41 (686 x 635 x 1041)
			145	10.0	37.4	1.06	125	8.6	38.7	1.10				
			190	13.0	30.0	0.85	190	13.0	26.4	0.75				
L11	15	11	110	7.5	66.0	1.87	100	6.9	63.1	1.79	73	483	219	27 x 25 x 41 (686 x 635 x 1041)
			145	10.0	56.8	1.61	125	8.6	57.9	1.64				
			190	13.0	46.6	1.32	190	13.0	44.1	1.25				
L15	20	15	110	7.5	95.3	2.70	100	6.9	89.4	2.53	73	739	335	27 x 25 x 41 (686 x 635 x 1041)
			145	10.0	79.8	2.26	125	8.6	83.4	2.36				
			190	13.0	63.5	1.80	190	13.0	63.1	1.79				
L18	25	18	110	7.5	114.7	3.25	100	6.9	110.9	3.14	74	796	361	31 x 28 x 47 (787 x 711 x 1194)
			145	10.0	96.7	2.74	125	8.6	101.9	2.89				
			190	13.0	82.6	2.34	190	13.0	80.2	2.27				
L22	30	22	110	7.5	128.8	3.65	100	6.9	125.8	3.56	74	810	367	31 x 28 x 47 (787 x 711 x 1194)
			145	10.0	113.3	3.21	125	8.6	116.5	3.30				
			190	13.0	92.1	2.61	190	13.0	92.0	2.61				
L23	30	22	110	7.5	146.9	4.16	100	7.5	148.7	4.21	68	1433	650	53.0 x 34.6 x 63.5 (1345 x 880 x 1612)
			145	10.0	121.8	3.45	125	10	125.0	3.54				
			190	13.0	105.2	2.98	190	13	100.6	2.85				
L26	35	26	110	7.5	170.9	4.84	100	7.5	172.8	4.89	69	1493	677	53.0 x 34.6 x 63.5 (1345 x 880 x 1612)
			145	10.0	145.8	4.13	125	10	148.1	4.19				
			190	13.0	121.5	3.44	190	13	125.7	3.56				
L29	40	30	110	7.5	194.9	5.52	100	7.5	193.1	5.47	71	1501	681	53.0 x 34.6 x 63.5 (1345 x 880 x 1612)
			145	10.0	169.9	4.81	125	10	173.0	4.90				
			190	13.0	145.5	4.12	190	13	147.4	4.17				

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

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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