

L04-L290 (5-390 HP) FIXED-SPEED ROTARY SCREW COMPRESSORS

## L-Series



# Advanced Technology Inspired Simplicity

#### A Better Approach

Gardner Denver 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

Gardner Denver 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.











Small Footprint = Cost Savings

## Compact, Quiet Compressors

#### Nearly Silent Noise Levels

The Gardner Denver 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. Gardner Denver 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

Integrated **Thermostatic** Mixing Valve Direct Angle

Connections Integrated Air Filter Injection Low Rotational Speeds

# RELIABILITY

Integrated Oil Filter Integrated Oil Separator

Reduced Number Fully Integrated Airend of Components Semi Integrated Airend

Fail Safe Shaft System Less Leak Opportunities

#### Verified Performance

As a member of the Compressed Air and Gas Institute's performance verification program, you can rest assured that the performance numbers that Gardner Denver publishes are consistent with the actual performance of our machines. Gardner Denver compressors, just as all lubricated rotary screw compressors 5 HP and above, are third-party tested to ensure that our performance numbers are accurate, easy-to-understand and verified.





Gardner Denver — **Exceeding Your Expectations** 

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

#### State-of-the-Art

Gardner Denver completes its industry leading compressor packages with state-of-the-art touchscreen controllers: the GD Pilot and Governor™. Featuring cutting edge graphics that provide necessary compressor data and full color schematics in seconds, the Governor™ is now available on select L-Series and LRS-Series compressors models.

#### Governor™ Touchscreen Controller Features

- Available on L15-L290 compressor models
- User-friendly navigation with state-of-the-art graphics and design
- Machine status available on a 7-inch, full color touchscreen display for L30-L290 and a 4.3-inch display for L15-L29
- Detailed schematics at your fingertips
- Advanced machine diagnostics
- Data logging and iConn connection
- Web server to allow access to the Governor<sup>™</sup> from your desktop





#### **GD Pilot Controller Features**

- Available on LO4-L11 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



Protect your investment.

your equipment through our industry leading warranty programs.



### Best Warranties in the Industry

The engineering philosophy of Gardner Denver is to design high quality, reliable equipment and help you protect your new equipment to give you peace of mind. We offer a good, better, and best approach to warranty programs.





#### Standard Warranty

Protects your newly purchased equipment if you encounter defects in materials or workmanship for 1 year and provides 2 years of parts and labor coverage for most major components.

#### Platinum 10-Year Extended Warranty

The Platinum 10-Year Extended Warranty covers everything in the Standard Warranty as well as defects in materials or workmanship of the airend parts for 10 years and provides 5 years coverage on major components. The equipment must be maintained on-schedule in accordance with the requirements of the warranty statement and the operations manual.

#### Platinum+ Full Package Warranty

Adds to the coverage of the Platinum 10-Year Extended Warranty and changes to a 5-year renewable service agreement with one of our factory-trained distributors. By paying for the additional protection, you gain peace of mind, a partnership with your trusted distributor, and the added coverage of wear items and other package components.

#### L04-L290 ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR		50 HZ				60 HZ				Notes			BUZDANA
			NOMINAL PRESSURE		FAD		NOMINAL PRESSURE		FAD¹		NOISE LEVEL <sup>2</sup>	WEIGHT³		DIMENSIONS L × W × H
	HP	KW	PSIG	BAR	ACFM	M³/MIN	PSIG	BAR	ACFM	M³/MIN	DB(A)	LBS	KG	IN. (MM)
L04	5	4	NA	NA	NA	NA	100 125 190	6.9 8.6 13.1	19.4 18.2 12.9	0.55 0.52 0.36	68	373	169	27 × 25 × 41
L05	7.5	5	NA	NA	NA	NA	100 125 190	6.9 8.6 13.1	28.4 24.9 18.3	0.80 0.71 0.52			103	(686 × 635 × 1041)
L07	10	7	110 145 190	7.6 10.0 13.1	45.9 37.4 30.0	1.30 1.06 0.85	100 125 190	6.9 8.6 13.1	44.5 38.7 28.8	1.26 1.10 0.82	71	452	206	27 × 25 × 41 (686 × 635 × 1041)
L11	15	11	110 145 190	7.6 10.0 13.1	66.0 56.8 46.6	1.87 1.61 1.32	100 125 190	6.9 8.6 13.1	63.1 57.9 44.1	1.79 1.64 1.25		483	219	
L15	20	15	NA	NA	NA	NA	110 130 190	7.6 9.0 13.1	87.2 80.8 60.7	2.47 2.29 1.72	73 74		389	32 × 35 × 50 (881 × 820 × 1274)
L18	25	18	NA	NA	NA	NA	110 130 190	7.6 9.0 13.1	110.2 103.0 79.6	3.12 2.92 2.25		857		
L22	30	22	NA	NA	NA	NA	110 130 190	7.6 9.0 13.1	125.7 117.2 92.3	3.56 3.32 2.61				
L23	30	22	110 145 190	7.6 10.0 13.1	146.9 121.8 105.2	4.16 3.45 2.98	100 125 190	6.9 8.6 13.1	148.7 125.0 100.6	4.21 3.54 2.85	68	1433	650	- 53 × 35 × 64 (1345 × 880 × 1612) -
L26	35	26	110 145 190	7.6 10.0 13.1	170.9 145.8 121.5	4.84 4.13 3.44	100 125 190	6.9 8.6 13.1	172.8 148.1 125.7	4.89 4.19 3.56	69	1493	677	
L29	40	30	110 145 190	7.6 10.0 13.1	194.9 169.9 145.5	5.52 4.81 4.12	100 125 190	6.9 8.6 13.1	193.1 173.0 147.4	5.47 4.90 4.17	71	1501	681	
L30	40	30	110 145 190	7.6 10.0 13.1	203.0 176.9 150.7	5.75 5.01 4.27	110 125 190	7.6 8.6 13.1	196.9 181.1 138.4	5.78 5.13 3.92	69	2035	923	
L37	50	37	110 145 190	7.6 10.0 13.1	247.1 217.8 187.1	7.00 6.17 5.30	110 125 190	7.6 8.6 13.1	233.7 218.6 171.9	6.62 6.19 4.87	70	2130	966	68 × 37 × 66 (1722 × 920 × 1659)
L45	60	45	110 145 190	7.6 10.0 13.1	282.4 247.1 215.7	8.00 7.00 6.11	110 125 190	7.6 8.6 13.1	269.4 245.7 189.2	7.63 6.96 5.36	71	2178 988	-	
L55	75	55	110 145 190	7.5 10 13	377.5 335.8 291.0	10.7 9.5 8.2	110 125 190	7.6 8.6 13.1	345.2 343.9 278.0	9.77 9.74 7.87	73	3756	1704	85 × 49 × 78 (2159 × 1222 × 1971)
L75	100	75	110 145 190	7.5 10 13	485.2 439.3 368.3	13.7 12.4 10.4	110 125 190	8.6 10 13.1	488.1 439.6 384.9	13.82 12.45 10.90	75	3844 1744	1744	
L90	125	90	110 145 190	7.5 10.0 13.0	616.0 546.1 474.8	17.45 15.47 13.45	110 130 190	7.6 9.0 13.1	579.3 579.3 492.9	16.40 16.40 13.96	75	5699	2585	92 × 54 × 81 (2337 × 1372 × 2040)
L110	150	110	110 145 190	7.5 10.0 13.0	733.2 657.6 572.2	20.77 18.63 16.21	110 130 190	7.6 9.0 13.1	759.3 700.6 581.9	21.50 19.84 16.48	77	6008	2725	
L132	180	132	110 145 190	7.5 10.0 13.0	807.3 750.8 656.2	22.87 21.27 18.59	110 130 190	7.6 9.0 13.1	834.9 784.2 652.0	23.64 22.21 18.46	78	6272	2845	
L160	215	160	110 145 190	7.6 10.0 13.1	1131.5 995.9 844.4	32.04 28.20 23.91	110 145 190	7.6 10.0 13.1	1128.5 843.1 819.5	31.96 23.87 23.21	78	9229	4186	
L200	270	200	110 145 190	7.6 10.0 13.1	1385.4 1230.7 1037.5	39.23 34.85 29.38	110 145 190	7.6 10.0 13.1	1338.0 1035.2 1010.1	37.89 29.31 28.60	79			
L250	340	250	110 145 190	7.6 10.0 13.1	1484.3 1307.0 1152.7	42.03 37.01 32.64	110 145 190	7.6 10.0 13.1	1464.3 1182.7 1160.7	41.46 33.49 32.87	80		4625	(2907 × 2071 × 2195) 625
L290	390	290	110 145 190	7.6 10.0 13.1	1663.3 1466.6 1286.9	47.10 41.53 36.44	110 145 190	7.6 10.0 13.1	1616.7 1262.0 1244.3	45.78 35.74 35.23	81	10251	4650	

<sup>1)</sup> 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) Noise levels are for air-cooled and water-cooled models, and measured in free field conditions in accordance with ISO 2151, tolerance +/- 3dB.

3) Weights are for air-cooled models.

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



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