

# Gardner Denver

L07RS-L290RS (7-290 KW)  
VARIABLE-SPEED ROTARY SCREW COMPRESSORS

## LRS-Series



# Advanced Technology Inspired Simplicity

## A Better Approach

Gardner Denver 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

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.



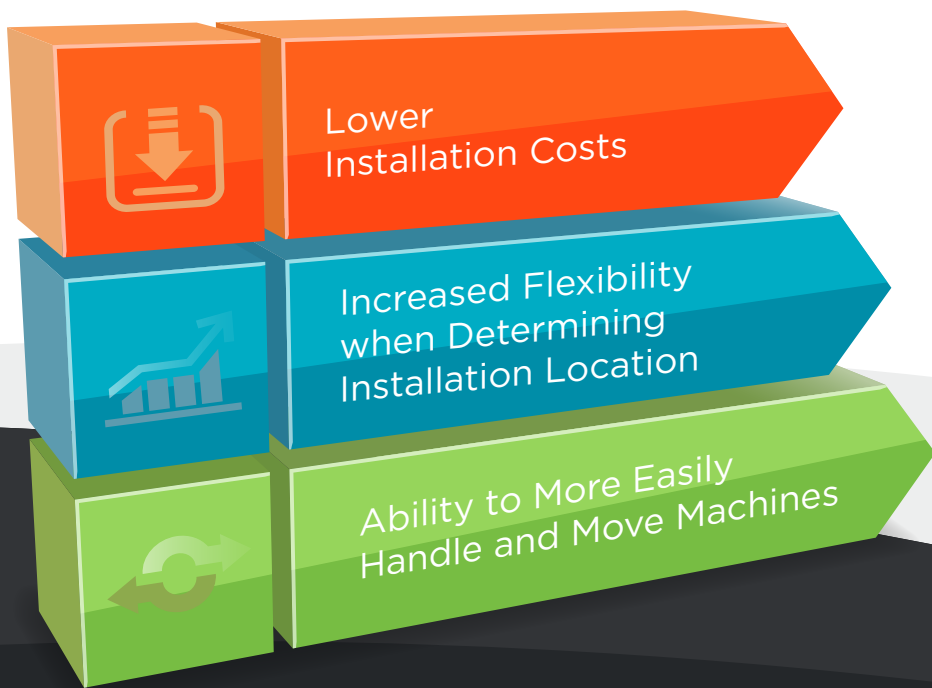
Expect More?  
Choose Gardner Denver





GARDNER  
DENVER—TAKING  
**QUIET**  
TO A WHOLE  
NEW LEVEL

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

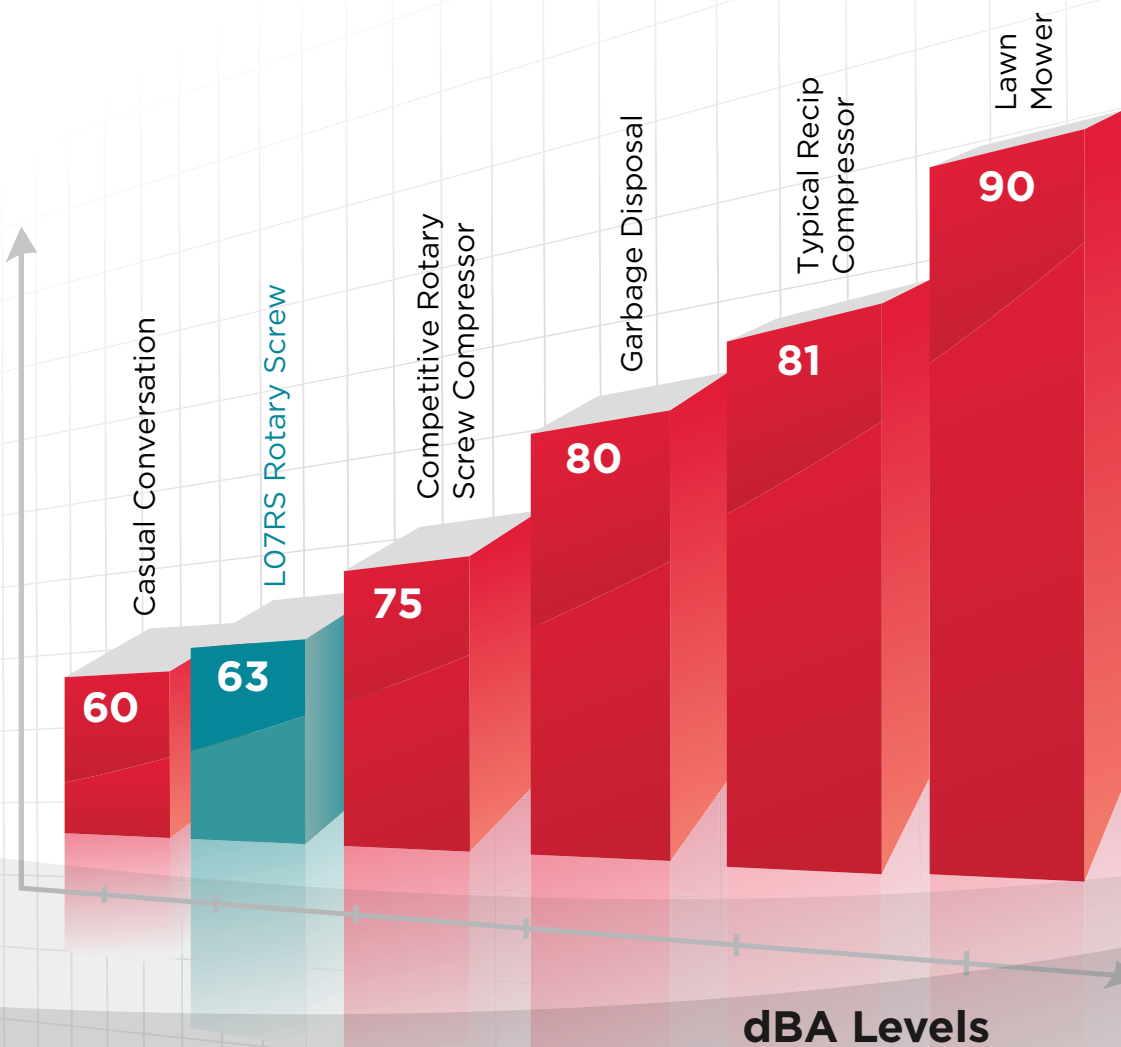


Small Footprint = Cost Savings

# Compact, Quiet Compressors

## Nearly Silent Noise Levels

The Gardner Denver 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

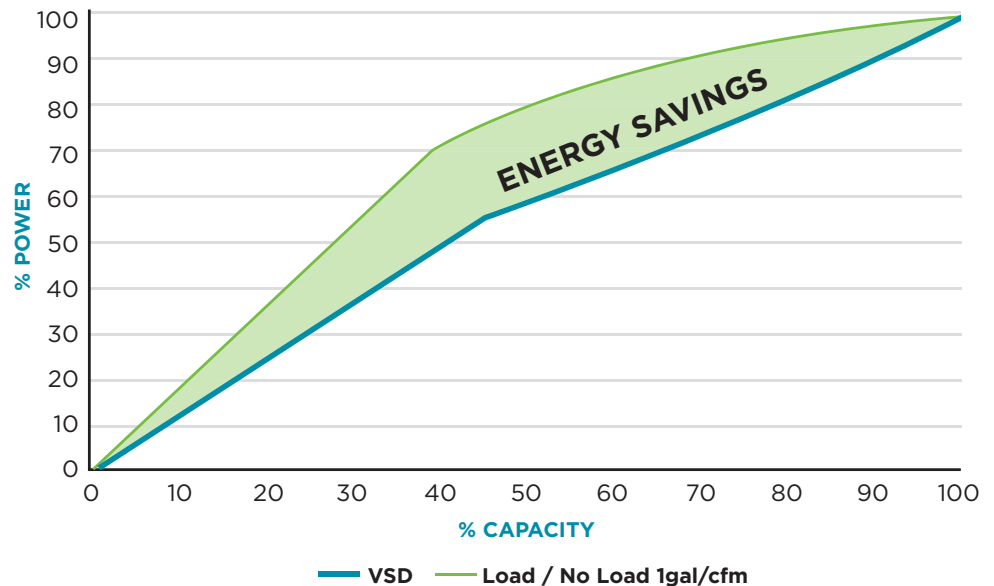
Variable speed compressors from Gardner Denver can efficiently and reliably handle the varying air demand. The right variable speed compressor in the right application delivers significant energy savings and a stable air supply at constant pressure.

## 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

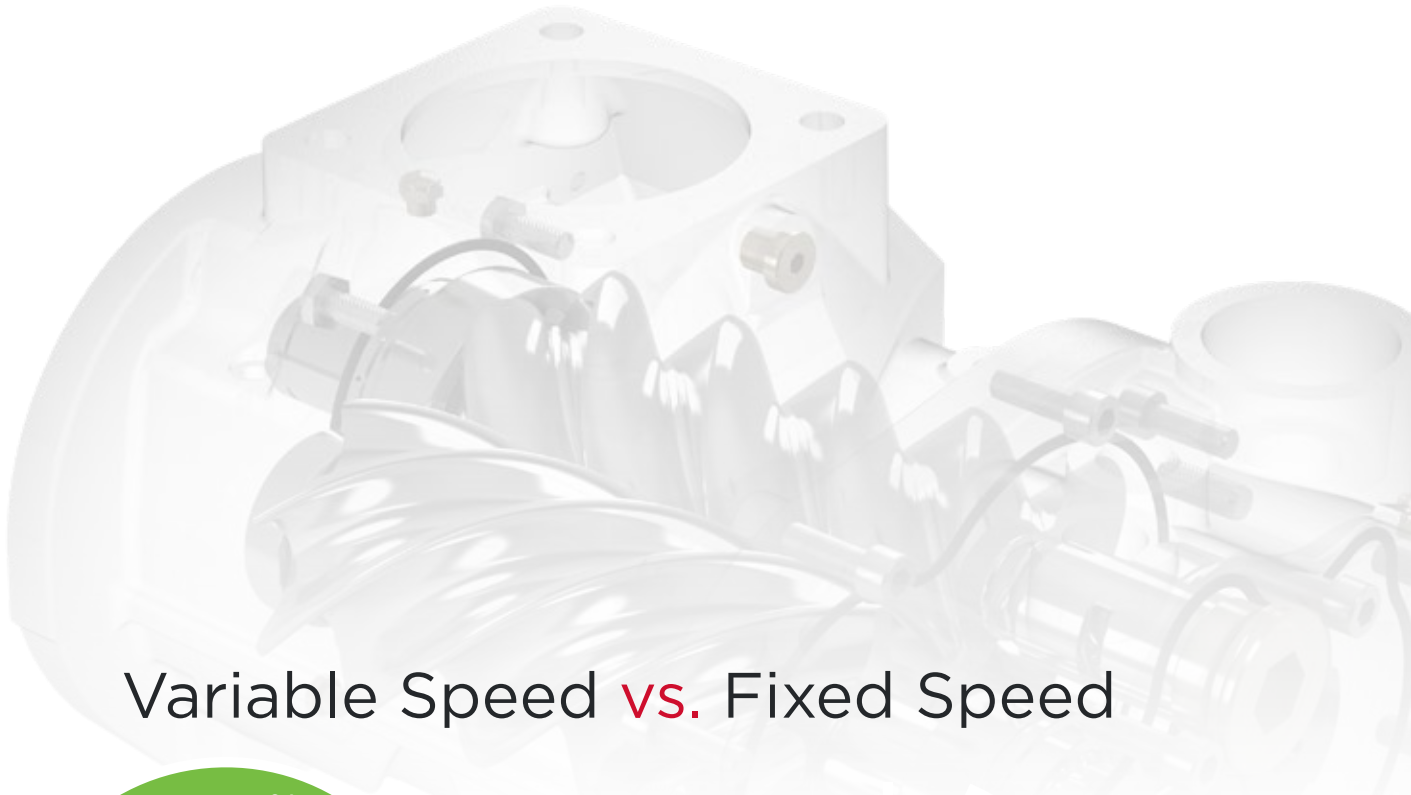
## Market Leading Energy Savings

Lowest  
kW/100  
CFM

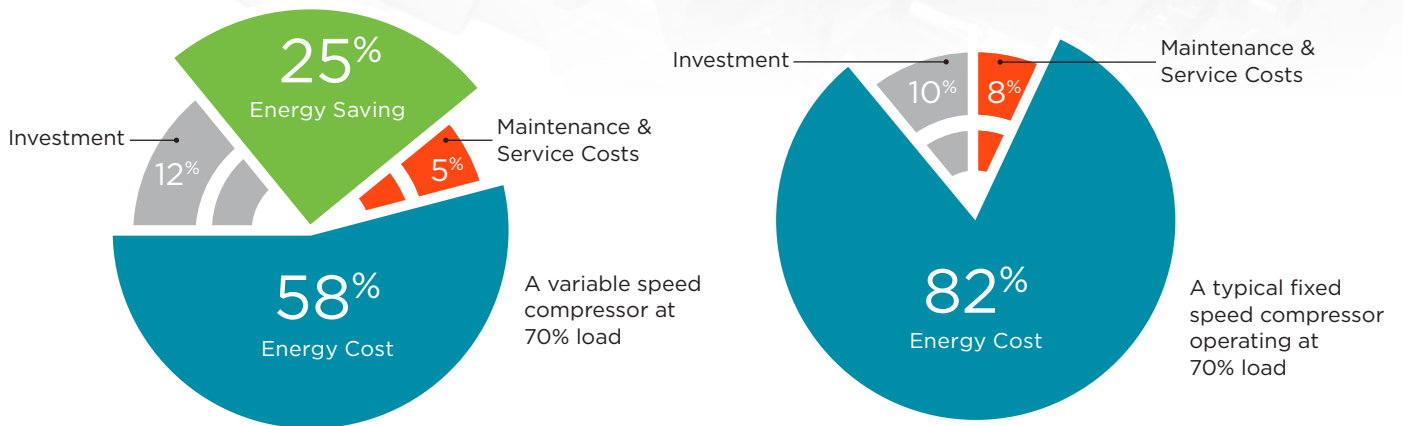
Minimal  
Pressure  
Drop

# 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

Gardner Denver completes its industry leading compressor packages with state-of-the-art touch screen 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.

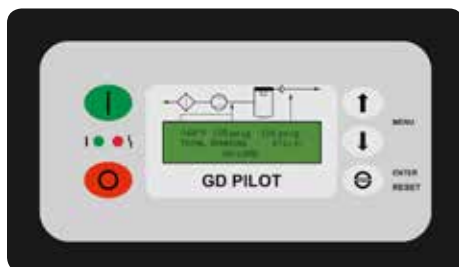
## Governor™ Touchscreen Controller Features

- Available on L90RS-L132RS compressor models
- User-friendly navigation with state-of-the-art graphics and design
- Machine status available on a 7-inch, full color touchscreen 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



## GD Pilot Controller Features

- Available on L07RS-L29RS 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



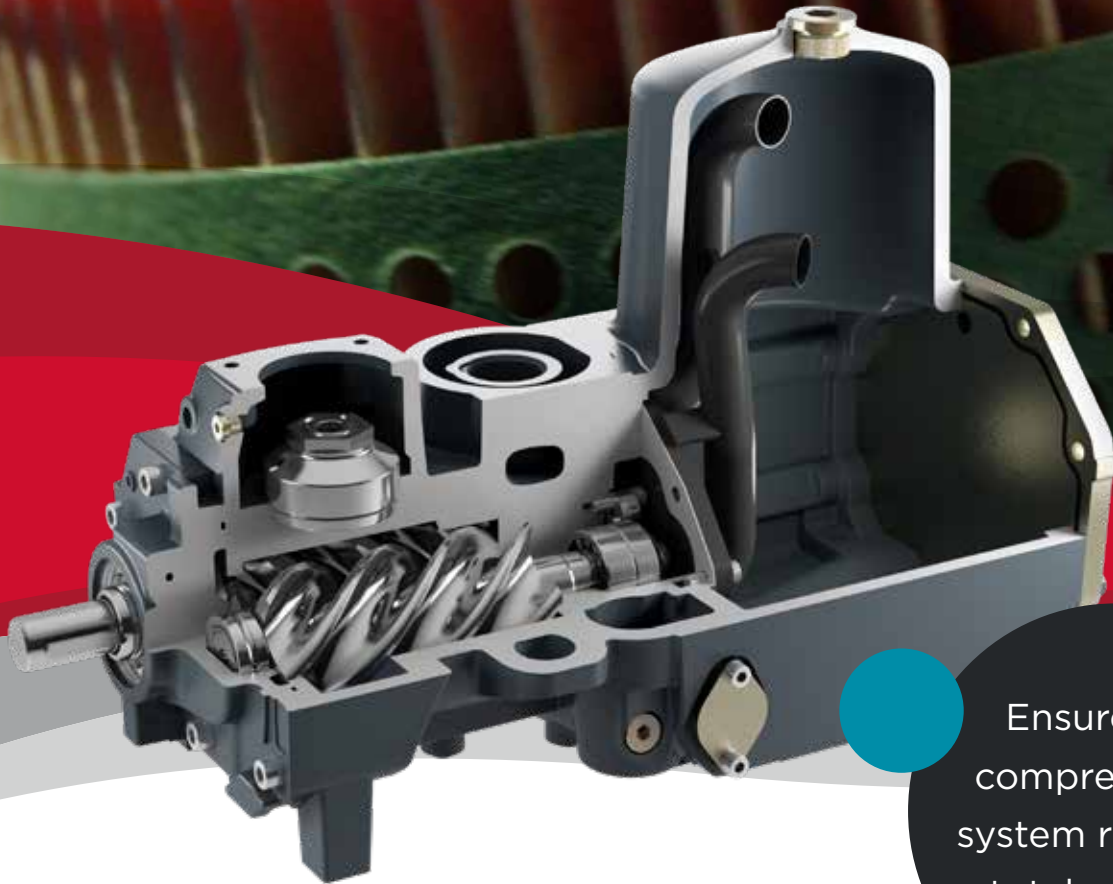
## GD Pilot TS Controller Features

- Available on L30RS-L75RS; L160RS-L290RS compressor models
- Real time clock
- Second pressure setting
- Color touch screen
- Discharge/line/network pressure data displayed
- Advanced fault history log
- Programmable inputs and outputs
- Auto restart after power failure
- RS485-Modbus RTU standard
- SD card for data logging
- Optional baseload sequencing to control multiple machines





# Keeping the System Healthy



Ensure your  
compressed air  
system remains a  
total package

## Total System Protection

Since 1859, Gardner Denver 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 Gardner Denver 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.

# Sales & Service **Distributors** Across America

## An Extensive Network

By leveraging the extensive network of Gardner Denver factory-trained authorized local distributors, your sales, service, and technical support needs can be handled quickly and easily.



## Best **Warranty** in the Industry

### Experience Peace of Mind

The engineering philosophy of Gardner Denver ensures long-lasting, reliable equipment. Our simple, but bold warranty programs demonstrate our belief in the quality found in Gardner Denver compressors.

Our standard warranty ensures that you have peace of mind when it comes to your system's operation. For added protection, take advantage of our 10-year extended airtend warranty program. Simply stated, it's the best in the industry.



To find a distributor visit:  
[gardnerdenver.com/gdproducts](http://gardnerdenver.com/gdproducts)

# L07RS-L290RS ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR		50 HZ				60 HZ							DIMENSIONS L × W × H	
			NOMINAL PRESSURE		FAD <sup>1</sup>		NOMINAL PRESSURE		FAD <sup>1</sup>		NOISE LEVEL <sup>2</sup>	WEIGHT			IN. (MM)
			PSIG	BAR	ACFM	M <sup>3</sup> /MIN	PSIG	BAR	ACFM	M <sup>3</sup> /MIN	DB(A) @ 70% LOAD	LBS	KG		
L07RS	10	7	100 130 190	7.0 9.0 13.0	44.5 35.7 29.3	1.26 1.01 0.83	110 130 190	7.0 9.0 13.0	42.9 37.6 27.9	1.22 1.07 0.79	63	489	222	27 × 25 × 41 (686 × 635 × 1041)	
L11RS	15	11	100 130 190	7.0 9.0 13.0	63.9 55.1 44.5	1.81 1.56 1.26	110 130 190	7.0 9.0 13.0	62.1 56.9 43.5	1.76 1.61 1.23	64	509	231		
L15RS	20	15	100 130 190	7.0 9.0 13.0	91.8 77.0 59.0	2.60 2.18 1.67	110 130 190	7.0 9.0 13.0	92.0 81.3 59.1	2.61 2.30 1.67	67	805	365		
L18RS	25	18	100 130 190	7.0 9.0 13.0	107.7 92.5 77.7	3.05 2.62 2.20	110 130 190	7.0 9.0 13.0	107.8 95.7 77.8	3.05 2.71 2.20	68	840	381	31 × 28 × 47 (787 × 711 × 1194)	
L22RS	30	22	100 130 190	7.0 9.0 13.0	125.0 111.2 93.9	3.54 3.15 2.66	110 130 190	7.0 9.0 13.0	125.2 116.3 94.0	3.55 3.29 2.66	69	851	386		
L23RS	30	22	110 145 190	7.5 10.0 13.0	145.4 132.0 102.0	4.12 3.74 2.89	100 130 190	7.0 9.0 13.0	145.5 123.5 102.1	4.12 3.50 2.89	68	1501	681		
L26RS	35	26	110 145 190	7.5 10.0 13.0	169.1 153.9 125.7	4.79 4.36 3.56	100 130 190	7.0 9.0 13.0	168.9 144.9 125.7	4.78 4.10 3.56	70	1561	708	53 × 35 × 64 (1346 × 889 × 1626)	
L29RS	40	30	110 145 190	7.5 10.0 13.0	191.0 171.6 134.8	5.42 4.86 3.82	100 130 190	7.0 9.0 13.0	190.9 159.0 134.9	5.41 4.50 3.82	70	1570	712		
L30RS	40	30	100 125 145	6.9 8.6 10.0	194.2 179.0 169.8	5.50 5.07 4.81	110 125 145	6.9 8.6 13.0	193.9 182.5 170	5.49 5.17 4.82	68	2039	925		
L37RS	50	37	100 125 190	6.9 8.6 13.0	238.3 221.0 182.5	6.75 6.26 5.17	110 125 190	6.9 8.6 13.0	238 224.6 182.5	6.74 6.36 5.17	69	2099	952	68 × 36 × 65 (1727 × 914 × 1651)	
L45RS	60	45	100 125 190	6.9 8.6 13.0	277.5 258.0 216.0	7.86 7.31 6.12	110 125 190	6.9 8.6 13.0	277.0 262.3 216.3	7.85 7.43 6.13	71	2147	974		
L55RS	75	55	100 125 145	6.9 8.6 10.0	361.5 335.4 318.4	10.24 9.50 9.02	100 130 145	7.0 9.0 10.0	361.6 341.1 318.6	10.24 9.66 9.03	69	3805	1726		
L75RS	100	75	100 125 190	6.9 8.6 13.0	469.8 429.6 362.2	13.31 12.17 10.26	100 130 190	7.0 9.0 13.0	470.0 436.6 362.5	13.31 12.37 10.27	72	3968	1780	85 × 48 × 78 (2159 × 1219 × 1981)	
L90RS	125	90	100 125 190	6.9 8.6 13.0	612.8 571.5 450.4	17.36 16.19 12.76	100 130 190	7.0 9.0 13.0	622.7 583.1 450.5	17.64 16.52 12.76	72	6102	2768		
L110RS	150	110	100 125 190	6.9 8.6 13.0	731.1 679.2 551.4	20.71 19.24 15.62	100 130 190	7.0 9.0 13.0	731.3 690.7 551.6	20.72 19.57 15.63	72	6107	2770		
L132RS	180	132	100 125 190	6.9 8.6 13.0	802.4 747.7 609.3	22.73 21.18 17.26	100 130 190	7.0 9.0 13.0	802.8 760.1 609.4	22.74 21.53 17.26	75	6142	2786	92 × 54 × 80.3 (2337 × 1372 × 2039)	
L160RS	215	160	100 125 190	6.9 8.6 13.0	1127.1 1036.1 844.7	31.93 29.35 23.93	100 130 190	7.0 9.0 13.0	1105.4 1035.3 828.5	31.30 29.32 23.46	76	9652	4378		
L200RS	270	200	100 125 190	6.9 8.6 13.0	1380.9 1292.3 1061.8	39.12 36.61 30.08	100 130 190	7.0 9.0 13.0	1354.5 1286.2 1041.5	38.36 36.42 29.49	78	10082	4573		
L250RS	335	250	100 125 190	6.9 8.6 13.0	1498.5 1399.3 1155.4	42.45 39.64 32.73	100 130 190	7.0 9.0 13.0	1462.7 1387.1 1127.6	41.42 39.28 31.93	79	10293	4669	115 × 82 × 86 (2921 × 2083 × 2184)	
L290RS	400	290	100 125 190	6.9 8.6 13.0	1643.9 1542.6 1268.3	46.57 43.70 35.93	100 130 190	7.0 9.0 13.0	1604.6 1527.4 1238.0	45.44 43.25 35.06	81	10326	4684		

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

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by continuously improving all business processes  
with a focus on innovation and velocity

**Gardner  
Denver®**

**Gardner Denver, Inc.**

1800 Gardner Expressway  
Quincy, IL 62305  
866-440-6241

[www.gardnerdenver.com/gdproducts](http://www.gardnerdenver.com/gdproducts)

Distributed by:-



**Air Compressor Energy Systems, Inc.**

**6735 Brandt St, Romulus, MI 48174**

**800-242-3449**

[www.aircompressorenergy.com](http://www.aircompressorenergy.com)



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