

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.



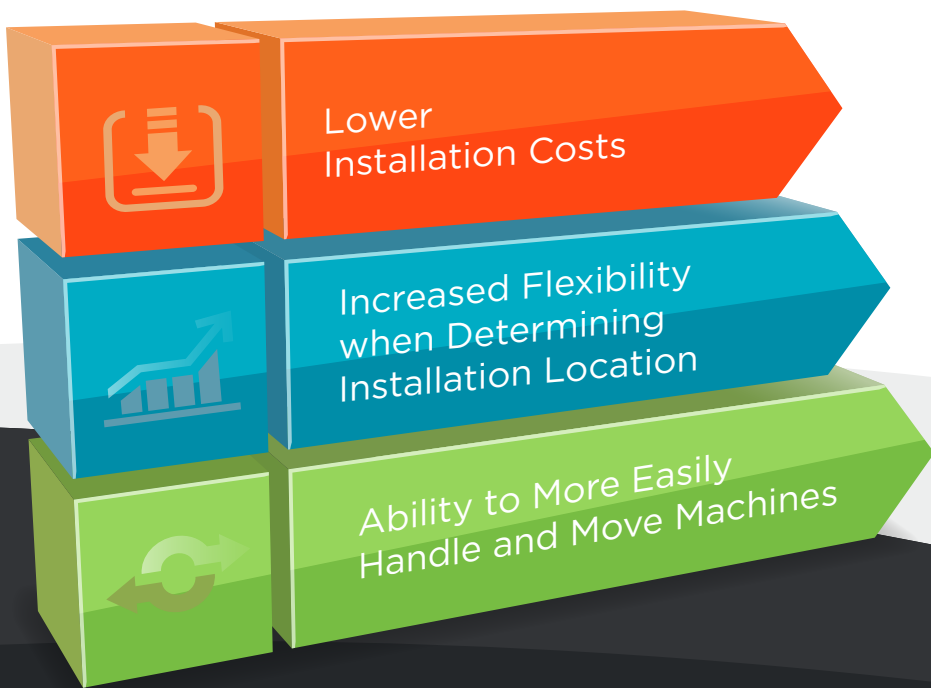
Expect More?
Choose Gardner Denver





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.

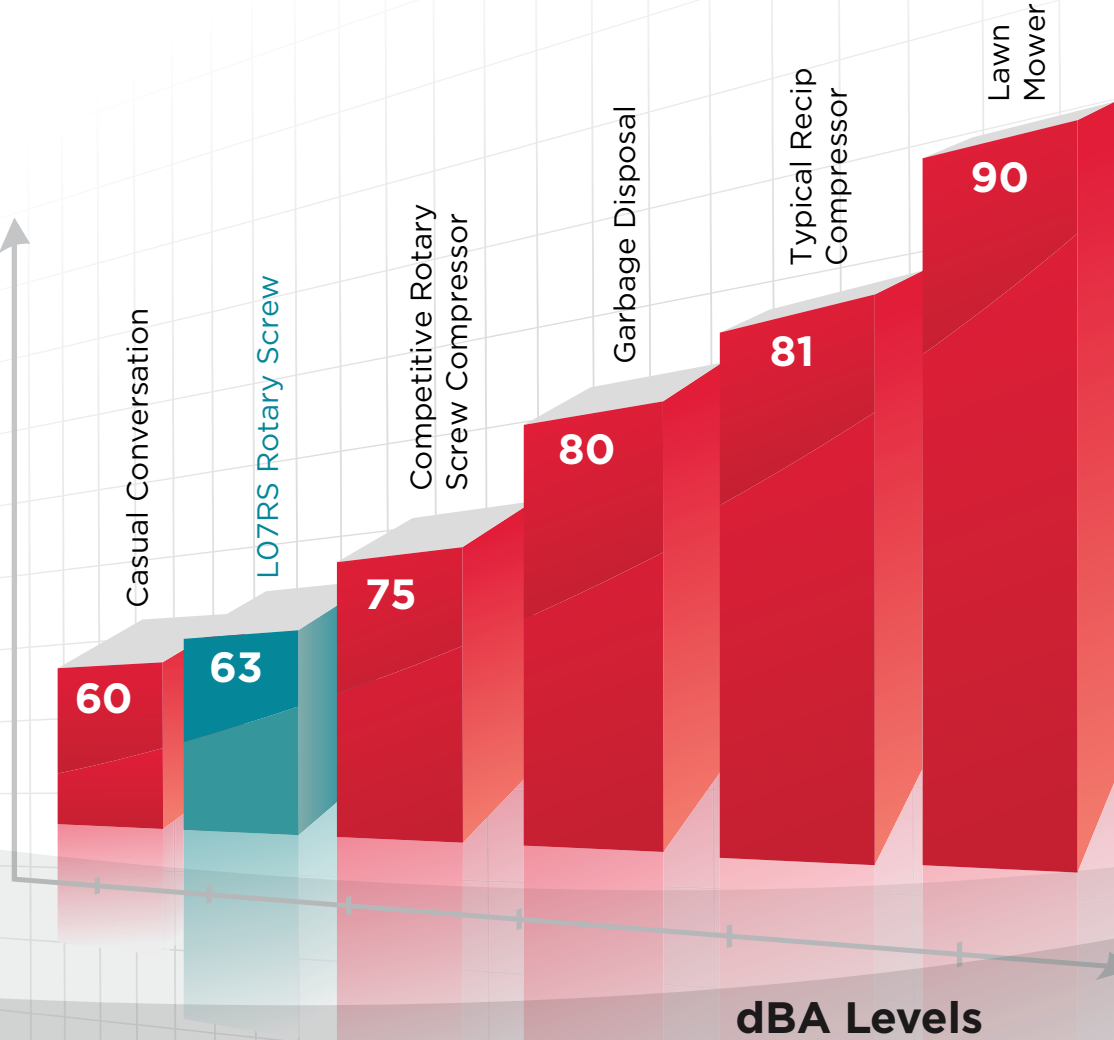


Small Footprint = Cost Savings

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

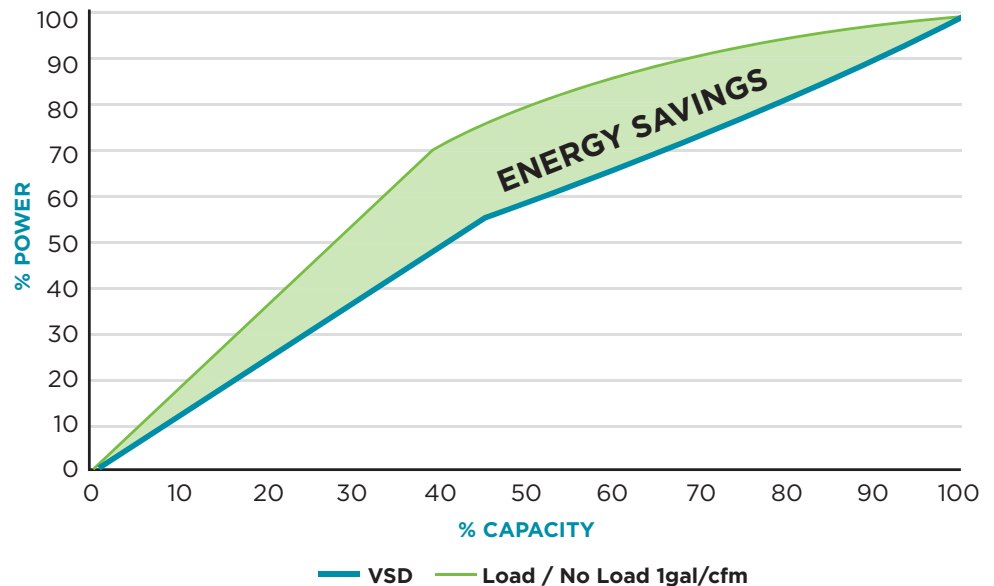
Variable speed compressors from Gardner Denver can efficiently and reliably handle the varying air demand. The right variable speed compressor in the right application delivers significant energy savings and a stable air supply at constant pressure.

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

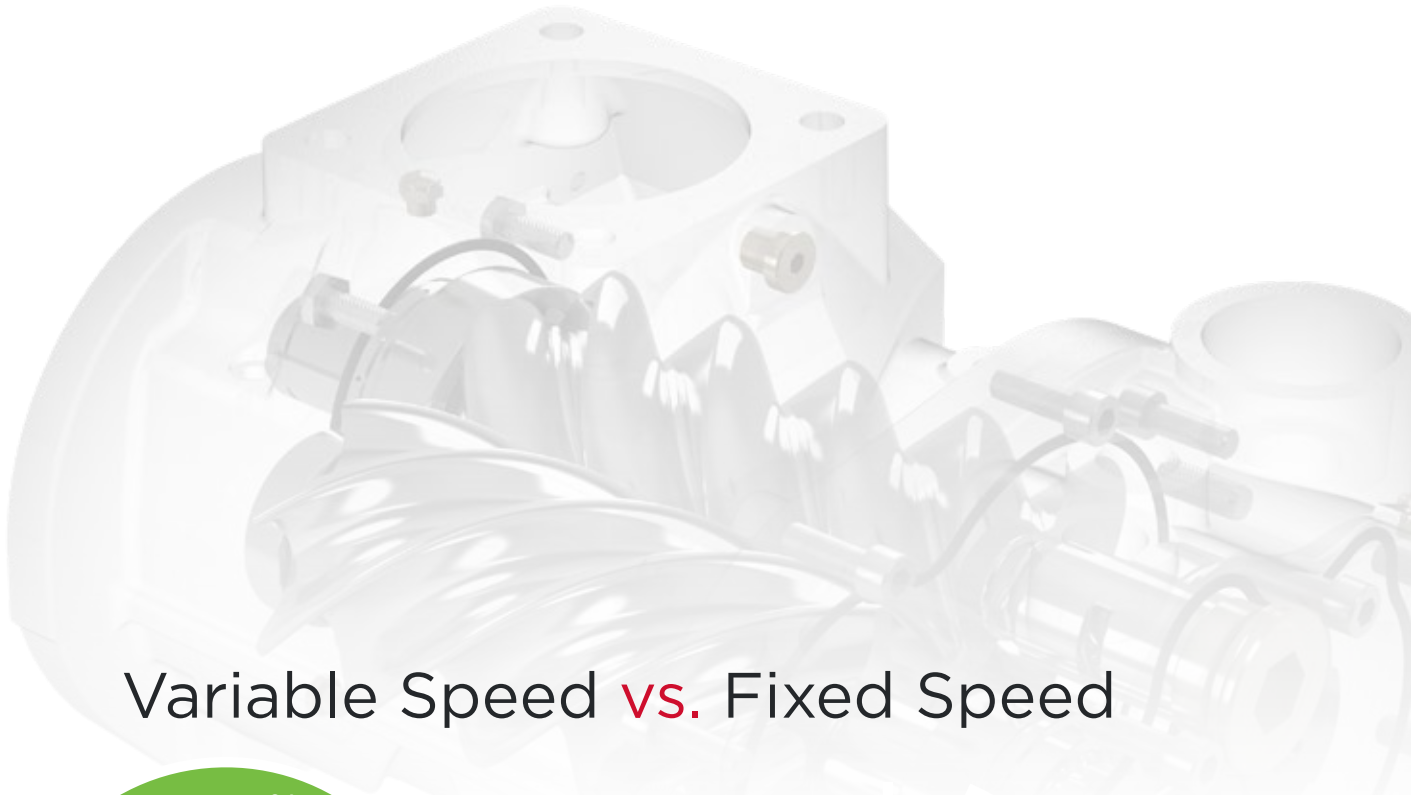
Market Leading Energy Savings

Lowest
kW/100
CFM

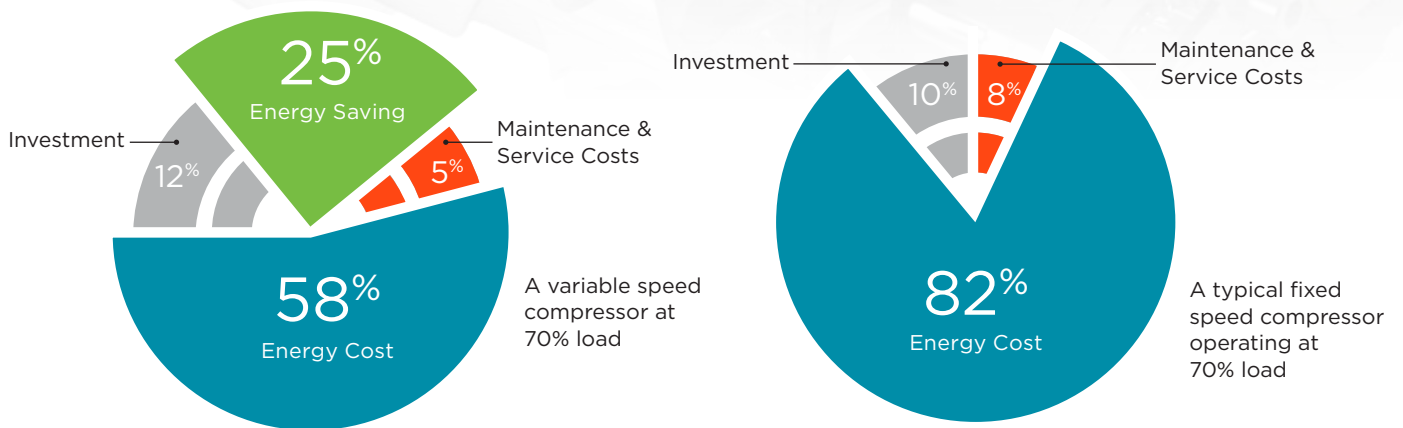
Minimal
Pressure
Drop

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.

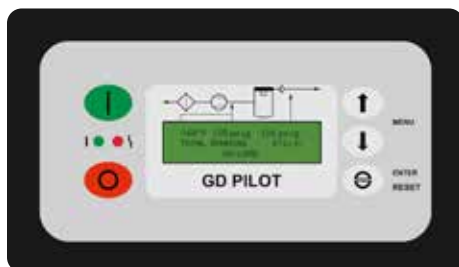
Governor™ Touchscreen Controller Features

- Available on L23RS-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 for L30RS-L132RS and a 4.3-inch display for L23RS-L29RS
- 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-L22RS 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

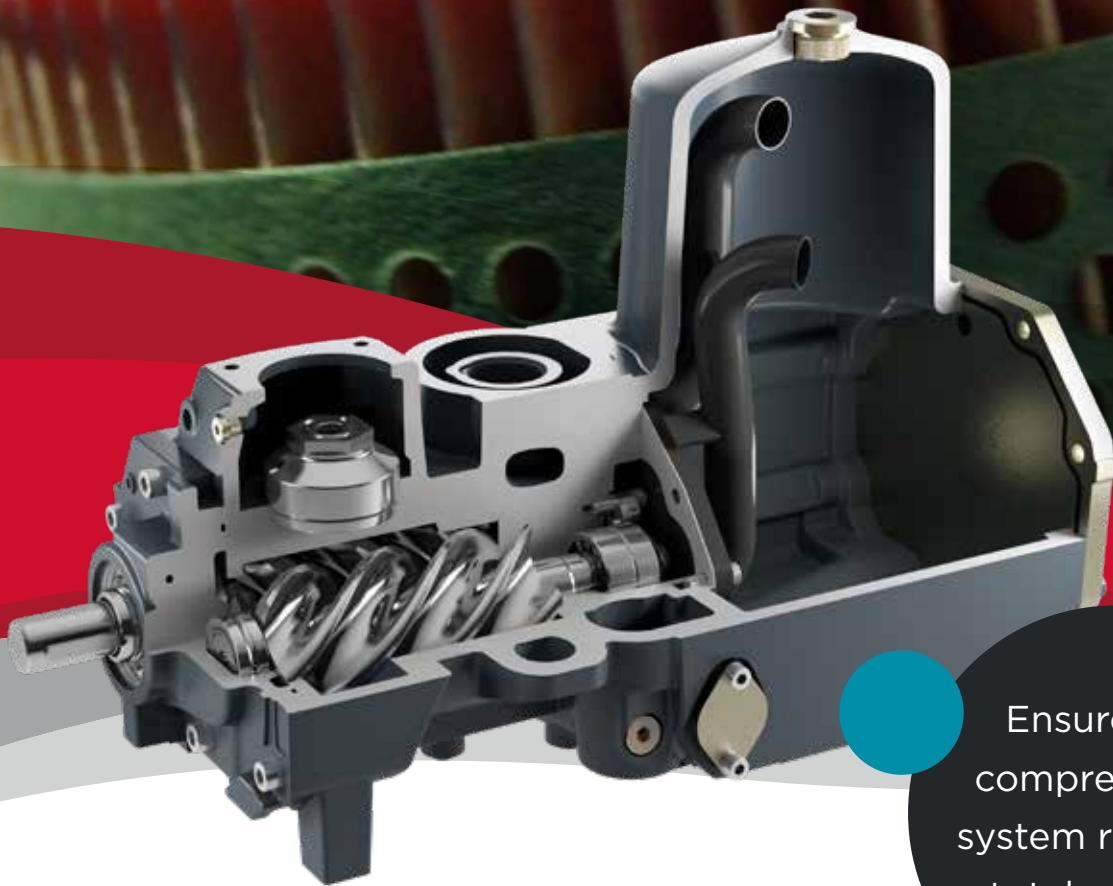


GD Pilot TS Controller Features

- Available on 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

L07RS-L290RS 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				
	HP	KW	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			53.0 x 34.6 x 63.5 (1345 x 880 x 1612)
			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			
			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	53.0 x 34.6 x 63.5 (1345 x 880 x 1612)		
			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	145.8	4.13	110	7.5	145.5	4.12	68	1501	681		53.0 x 34.6 x 63.5 (1345 x 880 x 1612)	
			130	9.0	132.1	3.74	145	10.0	123.5	3.50						
			190	13.0	102.1	2.89	190	13.0	102.1	2.89						
L26RS	35	26	100	7.0	169.2	4.79	110	7.5	168.9	4.78	70	1561	708			53.0 x 34.6 x 63.5 (1345 x 880 x 1612)
			130	9.0	154.0	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	191.4	5.42	110	7.5	190.9	5.41	70	1570	712			
			130	9.0	171.6	4.86	145	10.0	159.0	4.50						
			190	13.0	134.9	3.82	190	13.0	134.9	3.82						
L30RS	40	30	100	6.9	194.2	5.50	110	6.9	194.3	5.51	68	2039	925	53.0 x 34.6 x 63.5 (1345 x 880 x 1612)		
			125	8.6	179.0	5.07	125	8.6	182.5	5.17						
			145	10.0	169.8	4.81	145	13.0	170	4.82						
L37RS	50	37	100	6.9	238.3	6.75	110	6.9	238.5	6.75	69	2099	952		53.0 x 34.6 x 63.5 (1345 x 880 x 1612)	
			125	8.6	221.0	6.26	125	8.6	224.6	6.36						
			190	13.0	182.5	5.17	190	13.0	182.5	5.17						
L45RS	60	45	100	6.9	277.5	7.86	110	6.9	277.0	7.85	71	2147	974			53.0 x 34.6 x 63.5 (1345 x 880 x 1612)
			125	8.6	258.0	7.31	125	8.6	262.3	7.43						
			190	13.0	216.0	6.12	190	13.0	216.3	6.13						
L55RS	75	55	110	7.5	361.3	10.2	100	7.5	361.3	10.2	69	3805	1726			
			125	8.6	341.1	9.7	125	8.6	341.1	9.7						
			145	10	318.6	9.0	145	10	318.6	9.0						
L75RS	100	75	110	7.5	463.4	13.1	100	7.5	463.4	13.1	72	3968	1800	53.0 x 34.6 x 63.5 (1345 x 880 x 1612)		
			145	10	410.5	11.6	145	10	410.5	11.6						
			190	13	362.5	10.3	190	13	362.5	10.3						
L90RS	125	90	100	6.9	612.8	17.36	100	7.0	622.7	17.64	72	6102	2768		53.0 x 34.6 x 63.5 (1345 x 880 x 1612)	
			125	8.6	571.5	16.19	130	9.0	583.1	16.52						
			190	13.0	450.4	12.76	190	13.0	450.5	12.76						
L110RS	150	110	100	6.9	731.1	20.71	100	7.0	731.3	20.72	72	6107	2770			53.0 x 34.6 x 63.5 (1345 x 880 x 1612)
			125	8.6	679.2	19.24	130	9.0	690.7	19.57						
			190	13.0	551.4	15.62	190	13.0	551.6	15.63						
L132RS	180	132	100	6.9	802.4	22.73	100	7.0	802.8	22.74	75	6142	2786			
			125	8.6	747.7	21.18	130	9.0	760.1	21.53						
			190	13.0	609.3	17.26	190	13.0	609.4	17.26						
L160RS	215	160	100	6.9	1127.1	31.93	100	7.0	1105.4	31.30	76	9652	4378	53.0 x 34.6 x 63.5 (1345 x 880 x 1612)		
			125	8.6	1036.1	29.35	130	9.0	1035.3	29.32						
			190	13.0	844.7	23.93	190	13.0	828.5	23.46						
L200RS	270	200	100	6.9	1380.9	39.12	100	7.0	1354.5	38.36	78	10082	4573		53.0 x 34.6 x 63.5 (1345 x 880 x 1612)	
			125	8.6	1292.3	36.61	130	9.0	1286.2	36.42						
			190	13.0	1061.8	30.08	190	13.0	1041.5	29.49						
L250RS	335	250	100	6.9	1498.5	42.45	100	7.0	1462.7	41.42	79	10293	4669			53.0 x 34.6 x 63.5 (1345 x 880 x 1612)
			125	8.6	1399.3	39.64	130	9.0	1387.1	39.28						
			190	13.0	1155.4	32.73	190	13.0	1127.6	31.93						
L290RS	400	290	100	6.9	1643.9	46.57	100	7.0	1604.6	45.44	81	10326	4684			
			125	8.6	1542.6	43.70	130	9.0	1527.4	43.25						
			190	13.0	1268.3	35.93	190	13.0	1238.0	35.06						

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

The leader in every market we serve
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



©2020 Gardner Denver, Inc. Printed in U.S.A.
GS-L07RS-L290RS 9th Ed. 2/20

Please recycle after use.