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GB

PROTECT **5**
years

Extended Warranty for GD Compressors

Premium compressor design
and industry leading warranty

Reliability & efficiency
without compromise

Rotary Screw Compressors



Authorised Distributor:

An ISO 9001:2015 Certified Company

SE SUVIDHA
AIR COMPRESSOR

L-Series
7 - 290 kW
Fixed & Regulated Speed

The L-Series from CompAir

Well known in the industry for quality and reliability, CompAir continuously develops and expands the L-Series to achieve optimum performance and efficiency and maximum flexibility. The wide range of screw compressors from 7 to 290 kW includes fixed and regulated speed models, high efficiency e-models and is available as a station including receiver and refrigerant dryer.

Standard Range Fixed & Regulated Speed

- ▶ **Pressure range**
5 to 13 bar
- ▶ **Motor power**
7.5 to 290 kW



e Range Fixed & Regulated Speed

- ▶ **Pressure range**
5 to 13 bar
- ▶ **Motor power**
7.5 to 290 kW





Engineering excellence

Compressors are more than just a financial investment, they are a key component in ensuring that manufacturers, processors and operators receive consistent, high quality low cost air. The screw compression element is the heart of the compressor and therefore CompAir keeps the design and manufacture in-house, using the latest CNC rotor grinding machinery, coupled with online laser technology. The resulting reliability and performance ensure that operating costs will remain low throughout the compressor's life.

Our top quality airends are covered by the new 5 years warranty and up to 36,000 hours*

The dryers too are designed and manufactured in-house – the customer designed heat exchangers and patented control board delivering the very best combination of high efficiency, low pressure drop and small footprint.



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Known for reliability, continuously developed in efficiency, extended with flexibility, unmatched in terms of warranty.

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Under the new Assure warranty, which is completely free of charge, the airends are **covered 5 years and up to 36,000 hours.**

*Whichever is soonest

The right product to do the job

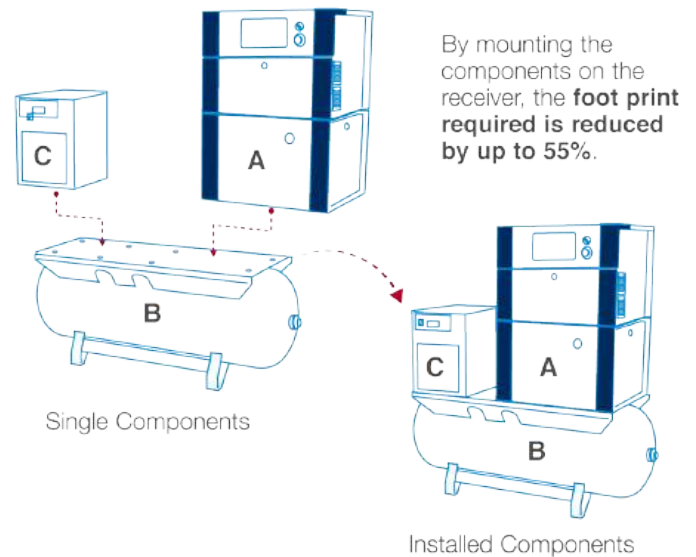
Standard range L07 to L290, RS Fixed & regulated speed

Based on the individual customer requirements, the compressors can be combined with different options to provide maximum flexibility. The combined versions including receiver or/and dryer are space saving solution – ideal where floor space is precious.

- Compressor base mounted
- Complete package including compressor, dryer and receiver

The stand alone compressors feature a very compact design with a class-leading footprint of just 0,4 m². In the combination with dryer and receiver the floor space can be optimised, in addition the installation is very easy.

SMALL FOOT PRINT



In-house made airend

The high quality airends use state-of-the-art manufacturing techniques. They are designed with focus on reliability and efficiency. The rotors are accurate and thoroughly checked and measured by a computerised control system. The airends achieve a flat specific power consumption curve, which enables efficient use in wide rpm range.



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This range of screw compressors allows for ambient temperatures up to 46°C. The generously sized ventilation system ensures optimum cooling, low outlet air temperatures.

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New advanced controller C-PRO 2.0, Delcos Pro, Delcos XL Ensures reliable operation and protecting your investment by continuously monitoring the operational parameters

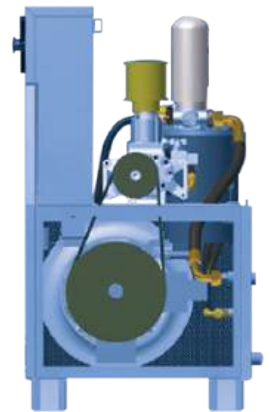
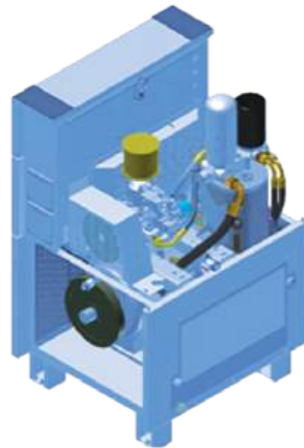
The C-PRO 2.0, Delcos Pro, Delcos XL controller is designed to make the operators' interface with the variable speed drive transparent. This new generation controller features extra functions for variable speed compressors like drive status display and flexible PID setting according the application. You don't need to be an expert on variable speed drives to operate your compressor. The controller takes care of the details and automatically adjusts the compressor performance to meet your changing air system demands - saving you energy. Changing the discharge pressure is as easy as pressing a button.

- 3 analog inputs
- Multi-language
- Standard sequence control up to 8 units
(up to 7 units fixed speed & 1 variable speed)
- Standard Modbus
- 15 failure records in memory
- Continuous system monitoring

Highly Efficient Motors

The range is equipped with reliable and highly efficient electric motors.

- International efficiency class 2 (IE3) as a standard
- IP 55 enclosure
- Full performance up to 46°C ambient temperature



Belt Auto Tensioning system

Easy maintenance

The compressors are designed to ensure easy access to the maintenance points. The panels can be easily removed and the limited number of moving parts reduces service costs.

The automate tensioning of the belt assures long life of the belt, less maintenance and noise reduction.

e-Range highly efficient compressors, fixed and regulated speed

The e-range of the L-Series are designed and manufactured in the Center of Excellence in Simmern, Germany. The most important component of a compressor, the airend, is also produced on this site. The engineering team develop airends which perfectly match the compressor requirements and achieve highest performance and efficiency levels. The engineering and manufacturing teams are proud to build this range, which is known in the market not only for the efficiency but also for the flexibility it offers. The compressors are available mounted on a receiver and with a dryer, providing a compact solution and minimum space requirement.



A design concept based on reliability and flexibility

Fully integrated airend

The advanced design of the high efficiency airend allows operation at low rotational speeds, and consequently lowers the energy costs. The innovative integrated design, including oil separation, oil filter and thermostatic valve, reduces the number of external hoses and components offering excellent reliability.

Combined air/oil cooler

Equipped with a bypass for rapid warm-up and control of the oil temperature, reducing wear, eliminating condensate in the compressor system and providing low air discharge temperature.

High efficiency electric motor

The compressors are equipped with an energy saving IE3 electric motor.

Automatic Gear Drive system

The maintenance-free system provides automatic and accurate Gear Drive System.

Factory-filled lubricant

Reduces service costs by extending the oil change period to up to 4,000 hours.

Low noise levels

Allows the compressor to be placed at the point of use.

Up to 45°C ambient temperature

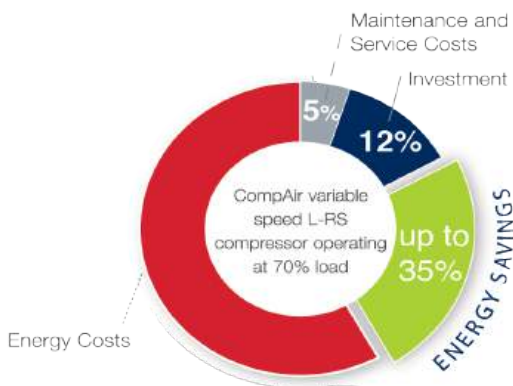
Reliable operation, even in challenging environments.

Air Plus

The perfect response to individual air demand

Regulated speed compressors from CompAir can efficiently and reliably handle the varying air demand found in most plant air systems.

The annual cost of ownership can be significantly reduced using regulated speed technology.



CompAir RS features are your benefits

The L-RS Series products are designed to obtain the greatest efficiency across the entire operating range.

- ▶ **Wide regulation range**
No cycles means substantial energy savings
- ▶ **Perfect motor - drive - airend design**
High efficiency across broad flow range



Compressed air purification

A modern production system and process demands increasing levels of air quality. A CompAir compressed air system utilising the latest technology provides an energy efficient solution at lowest life cycle costs.

- Water Cyclone Separator X Series
- Compressed Air Filter CF Series
- Condensate Drain System
- Compressed Air Refrigerant Dryer
- Heatless Desiccant Dryers
- Heat Regenerative Desiccant Dryers
- Nitrogen Generator
- SmartAir Master Multi Compressor Controllers

TECHNICAL DATA - COMPRESSOR RANGE

| MODEL | Power (KW) | Power (HP) | Capacity (CFM) | Max. Operating Pressure Bar(g) |
|-------|------------|------------|----------------|--------------------------------|
| KA 04 | 4 | 5 | 20 | 10 |
| KA 05 | 5.5 | 7.5 | 25 | 10 |
| L 07 | 7.5 | 10 | 47 | 7.5 |
| L 07 | 7.5 | 10 | 38 | 10 |
| L 07 | 7.5 | 10 | 30 | 13 |
| L 11 | 11 | 15 | 66 | 7.5 |
| L 11 | 11 | 15 | 57 | 10 |
| L 11 | 11 | 15 | 47 | 13 |
| L 15 | 15 | 20 | 96 | 7.5 |
| L 15 | 15 | 20 | 80 | 10 |
| L 15 | 15 | 20 | 64 | 13 |
| L 18 | 18.5 | 25 | 115 | 7.5 |
| L 18 | 18.5 | 25 | 97 | 10 |
| L 18 | 18.5 | 25 | 83 | 13 |
| L 22 | 22 | 30 | 130 | 7.5 |
| L 22 | 22 | 30 | 114 | 10 |
| L 22 | 22 | 30 | 92 | 13 |
| L 23 | 22 | 30 | 146.8 | 7.5 |
| L 23 | 22 | 30 | 121.9 | 10 |
| L 23 | 22 | 30 | 105.4 | 13 |
| L 26 | 35 | 35 | 170.8 | 7.5 |
| L 26 | 35 | 35 | 145.9 | 10 |
| L 26 | 35 | 35 | 121.3 | 13 |
| L 29 | 40 | 40 | 190 | 7.5 |
| L 29 | 40 | 40 | 170 | 10 |
| L 29 | 40 | 40 | 145.6 | 13 |
| Li 30 | 30 | 40 | 204 | 7.5 |
| Li 30 | 30 | 40 | 201 | 8.5 |
| Li 30 | 30 | 40 | 174 | 10 |
| Li 37 | 37 | 50 | 248 | 7.5 |
| Li 37 | 37 | 50 | 220 | 8.5 |
| Li 37 | 37 | 50 | 218 | 10 |

| MODEL | Power (KW) | Power (HP) | Capacity (CFM) | Max. Operating Pressure Bar(g) |
|-------|------------|------------|----------------|--------------------------------|
| Li 45 | 45 | 60 | 271 | 7.5 |
| Li 45 | 45 | 60 | 248 | 8.5 |
| Li 45 | 45 | 60 | 246 | 10 |
| L 45+ | 45 | 60 | 306 | 7.5 |
| L 45+ | 45 | 60 | 262 | 10 |
| L 55 | 55 | 75 | 380 | 7.5 |
| L 55 | 55 | 75 | 337 | 10 |
| L 55 | 55 | 75 | 292 | 13 |
| L 75 | 75 | 100 | 486 | 7.5 |
| L 75 | 75 | 100 | 439 | 10 |
| L 75 | 75 | 100 | 368 | 13 |
| L 75+ | 75 | 100 | 519 | 7.5 |
| L 75+ | 75 | 100 | 433 | 10 |
| L 90 | 90 | 125 | 620 | 7.5 |
| L 90 | 90 | 125 | 550 | 10 |
| L 90 | 90 | 125 | 480 | 13 |
| L 110 | 110 | 150 | 738 | 7.5 |
| L 110 | 110 | 150 | 662 | 10 |
| L 110 | 110 | 150 | 576 | 13 |
| L 132 | 132 | 180 | 812 | 7.5 |
| L 132 | 132 | 180 | 755 | 10 |
| L 132 | 132 | 180 | 660 | 13 |
| L 200 | 200 | 270 | 1390 | 7.5 |
| L 200 | 200 | 270 | 1235 | 10 |
| L 200 | 200 | 270 | 1050 | 13 |
| L 250 | 250 | 335 | 1490 | 7.5 |
| L 250 | 250 | 335 | 1310 | 10 |
| L 250 | 250 | 335 | 1160 | 13 |
| L 290 | 290 | 390 | 1670 | 7.5 |
| L 290 | 290 | 390 | 1470 | 10 |
| L 290 | 290 | 390 | 1290 | 13 |

RECIPROCATING COMPRESSOR



Authorised Distributor :

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