



Oil-lubricated Rotary Screw Compressed Air Systems



Your Trusted Partner in Compressed Air

Staying ahead of your competition with advanced compressed air systems and services that boost productivity, lower operating expenses and extend equipment life is critical to your success.

No matter the industry or application, you can count on CompAir® as a trusted partner for oil-lubricated compressed air technologies and services. By focusing on you and your business, we provide collaborative solutions that make you successful, offering a total system approach to maximise efficiency and performance.

Take a Systems Approach

Delivering reliable oil-lubricated compressed air to your facility goes well beyond the compressor itself. Optimise total cost of ownership (TCO) through a systems approach that employs the best air compression technologies to deliver reliability for life—from design to decommissioning.

Your business will benefit from CompAir's partnership through our extensive experience and global expertise to ensure reliability, lower maintenance costs, ease of serviceability and system optimisation.





Why Choose a World-Class Rotary Screw Compressed Air System?

You need a reliable, cost-effective solution with industry-leading energy efficiency, all backed by a global network of experts. That's what you get with our RL-Series oil-lubricated rotary screw air compressors.

For efficiency and air flow

Advanced airend and drive component design provide world-class specific power and best-in-class air flow, resulting in reduced energy use.

For reliability

Every component in our oil-lubricated compressor system supports maximum reliability for increased productivity, longer equipment life, lower operating costs and higher profitability.

For virtually any environment

Our oil-lubricated compressors have an optional feature that allows operation both indoors and outdoors at extreme ambient temperatures ranging from -10°C (-23°F) to 55°C (131°F). A compact footprint provides space saving convenience.

For lower cost of ownership

Intuitive microprocessor controls, easy serviceability and long-life consumables significantly reduce operating, maintenance and service costs over the lifetime of your compressed air system.



Customised Products for Your Application

CompAir offers a wide portfolio of reliable products that will adapt to your industry and application. We will assess and propose the best solution to lower the total cost of ownership of your compressed air system, maximising the productivity of your operation.



Manufacturing & Assembly

High-quality air for your facility, from start to finish



Metal Working

The power source to keep production moving quickly and on time



Wood Working

Handle multiple tools while keeping out contaminants and moisture



Mining

Reliable power for equipment and ventilation, on the surface or below ground



Cement & Construction

Rugged durability and performance to get the job done efficiently

AIR COMPRESSORS



Air compressor use accounts for a significant part of your energy costs. Our design team used advanced computer modeling techniques to create rotary screw compressors that maximise efficiency and airflow, while operating reliably to improve your company's bottom line.



RL 160e COMPRESSOR

All RL Series

RL-Series air compressors eliminate waste and control costs effortlessly to lower total cost of ownership.

What Makes Our Rotary Screw Compressors Unique?

Optimised Drive Components

World-class single and two-stage airends (two-stage available starting at 90 kW), along with a TEFC induction or optional variable speed motor minimise energy use.



Leak-free Designs

V-Shield™ technology provides a totally integrated, leak-free design, featuring PTFE stainless steel braided oil hoses and O-ring face seals.



Intuitive Control

Xe-Series controllers deliver increased control and functionality through an intuitive user interface as well as remote access with any common, current web browser.



Adaptive Monitoring

Progressive Adaptive Control (PAC™) monitors key operating parameters and continuously adapts to prevent unexpected downtime.



Advanced Cooling Systems

A free-floating cooling system allows heat exchangers to expand and contract, reducing thermal stress for improved system durability.



Rotary Screw Air Compressors, 30-160 kW

A Tradition of Proven Design

COMPAIR RL-Series rotary screw compressors provide superior operating features, benefits and equipment choices. Mix and match motors and airends to achieve the exact level of performance and economy your operation and budget require. This includes options like our two-stage airend (90 kW and above) that will drastically improve flow capacity and power consumption as well as variable speed drive that offers the ultimate energy efficiency.



Innovative Design, Flexible Choices

RS

Efficiency for Variable Demand: VSD compressors with the highest efficiency motor available

e

Premium Efficiency for Constant Demand: Fixed speed compressors with the continuous duty IE3 TEFC induction motor and enhanced features for improved performance and efficiency

RSe

Premium Efficiency for Variable Demand: VSD compressors with enhanced features for improved performance and efficiency

RL-Series Rotary Screw Air Compressors, 30-160 kW

World-Class Efficiency

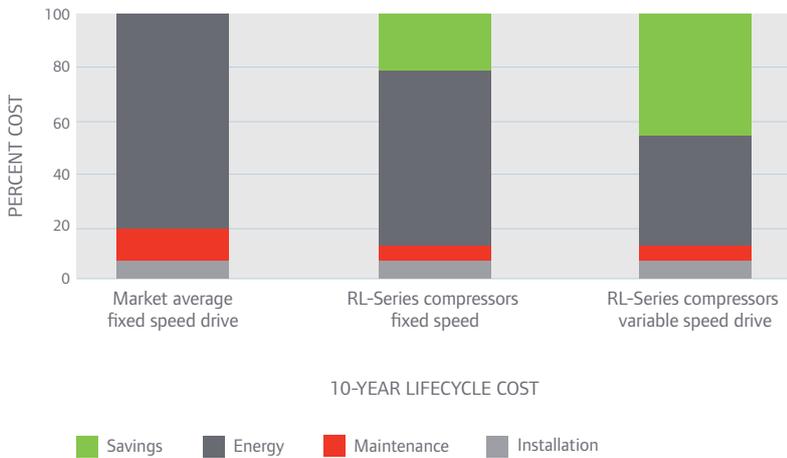
Our RL-Series compressor includes an all-new, state-of-the-art airend, making it your best choice for performance. The new airend improves efficiency through several advancements, including an optimised rotor profile to help minimise operating expenses.

The new rotor profile also provides world-class airflow. With more airflow for the same power input, your compressor requirements are smaller, reducing both investment costs and energy usage.

For 90-160 kW models, improve performance even more with our optional two-stage airend for increased flow capacity and power gain.



Significantly reduce total cost of ownership



Driving Toward Efficiency

Every RL-Series compressor features an advanced airend and IE3-rated NEMA Premium® motor that reduces total cost of ownership. For even more efficiency, an optional variable speed drive (VSD) can help you save even more on energy costs.

KEY SPECIFICATIONS



Fixed Speed Standard Performance							
Model	Max pressure		Nominal power		Max.FAD m ³ /min	Dimensions (L x W x H) mm	Weight (Air-cooled) kg
	barg	psig	kW	hp			
RL30e_A7.5	7.5	110	30	40	5.9	1947 × 1152 × 1609	1090
RL30e_A8.5	8.5	125	30	40	5.4	1947 × 1152 × 1609	1090
RL30e_A10	10.0	145	30	40	4.9	1947 × 1152 × 1609	1069
RL30e_A14	14.0	200	30	40	3.8	1947 × 1152 × 1609	1069
RL37e_A7.5	7.5	110	37	50	7.2	1947 × 1152 × 1609	1140
RL37e_A8.5	8.5	125	37	50	6.9	1947 × 1152 × 1609	1140
RL37e_A10	10.0	145	37	50	6.0	1947 × 1152 × 1609	1124
RL37e_A14	14.0	200	37	50	4.8	1947 × 1152 × 1609	1124
RL45_A7.5	7.5	110	45	60	8.9	2433 × 1250 × 2032	1841
RL45_A8.5	8.5	125	45	60	8.3	2433 × 1250 × 2032	1841
RL45_A10	10.0	145	45	60	7.7	2433 × 1250 × 2032	1841
RL45_A14	14.0	200	45	60	5.9	2433 × 1250 × 2032	1841
RL55_A7.5	7.5	110	55	75	11.2	2433 × 1250 × 2032	1936
RL55_A8.5	8.5	125	55	75	10.4	2433 × 1250 × 2032	1936
RL55_A10	10.0	145	55	75	9.3	2433 × 1250 × 2032	1936
RL55_A14	14.0	200	55	75	7.4	2433 × 1250 × 2032	1936
RL75_A7.5	7.5	110	75	100	14.5	2433 × 1250 × 2032	1962
RL75_A8.5	8.5	125	75	100	13.9	2433 × 1250 × 2032	1962
RL75_A10	10.0	145	75	100	13.0	2433 × 1250 × 2032	1962
RL75_A14	14.0	200	75	100	10.7	2433 × 1250 × 2032	1962
RL90e_A7.5	7.5	110	90	120	19.3	2855 × 1899 × 2107	3270
RL90e_A8.5	8.5	125	90	120	18.2	2855 × 1899 × 2107	3270
RL90e_A10	10.0	145	90	120	16.4	2855 × 1899 × 2107	3270
RL90e_A14	14.0	200	90	120	13	2855 × 1899 × 2107	3270
RL110e_A7.5	7.5	110	110	150	23.5	2855 × 1899 × 2107	3364
RL110e_A8.5	8.5	125	110	150	22.1	2855 × 1899 × 2107	3364
RL110e_A10	10.0	145	110	150	20	2855 × 1899 × 2107	3364
RL110e_A14	14.0	200	110	150	16.4	2855 × 1899 × 2107	3364
RL132e_A7.5	7.5	110	132	180	27.7	2855 × 1899 × 2107	3646
RL132e_A8.5	8.5	125	132	180	26.2	2855 × 1899 × 2107	3646
RL132e_A10	10.0	145	132	180	23.8	2855 × 1899 × 2107	3646
RL132e_A14	14.0	200	132	180	19.6	2855 × 1899 × 2107	3646
RL160e_A7.5	7.5	110	160	200	31.9	2703 × 1466 × 2032	4194
RL160e_A8.5	8.5	125	160	200	31	2703 × 1466 × 2032	4194
RL160e_A10	10.0	145	160	200	28.9	2703 × 1466 × 2032	4194
RL160e_A14	14.0	200	160	200	23.9	2703 × 1466 × 2032	4194

Variable Speed Standard Performance							
Model	Max pressure		Nominal power		Max.FAD m ³ /min	Dimensions (L x W x H) mm	Weight (Air-cooled) kg
	barg	psig	kW	hp			
RL30RS	10.0	145	30	40	5.7	1937 × 1056 × 1534	1075
RL37RS	10.0	145	37	50	6.6	1937 × 1056 × 1534	1138
RL45RS	10.0	145	45	60	8.5	2433 × 1250 × 2032	1304
RL55RS	10.0	145	55	75	11.2	2433 × 1250 × 2032	1700
RL75RS	10.0	145	75	100	14.9	2433 × 1250 × 2032	1726
RL90RSe	10.0	145	90	120	18.72	2855 × 1836 × 2032	2495
RL110RSe	10.0	145	110	150	22.96	2433 × 1250 × 2032	2495
RL132RSe	10.0	145	132	180	27.24	2433 × 1250 × 2032	2495
RL160RSe	10.0	145	160	200	32.05	2433 × 1250 × 2032	2495



10 Years Warranty!

The CompAir Assure Warranty and Service programmes will assure you up to 44,000 hours/10 years ¹⁾. It is one of the most generous warranties available in the industry affording you total peace of mind.

Your benefits:

- The Assure warranty is totally free to the compressor owner ²⁾
- The CompAir authorised service provider will deliver a guaranteed quality of service
- An Assure service agreement underpinning the warranty will enable accurate maintenance, budgeting and cost of ownership
- The use of genuine CompAir parts and lubricants will maximise compressor life and efficiency

¹⁾ Warranty duration is limited to 6 years/44,000 hours on the whole package, 10 years/44,000 hours on the air end. Whichever is the soonest.

²⁾ subject to Terms & Conditions

Compact design – easy installation

The small footprint reduces the space required for installation.

Easy servicing

The design of these packages ensures that the service points are readily accessible. The enclosure side doors are hinged and removable to allow complete access to all service points. The reduced number of moving parts and the innovative design of the separator, further lowers the maintenance costs.

CompAir genuine spare parts

Enjoy complete peace of mind.

Genuine CompAir parts and lubricants ensure that compressed air plant reliability and efficiency is maintained at the highest standards. CompAir spare parts and lubricants are distinguished by:

- Long service life, even under harshest conditions
- Minimum losses contributing to energy savings
- High reliability improves plant up-time
- Products manufactured with the strictest Quality Assurance Systems



Global experience – truly local service

With over 200 years of engineering excellence, the CompAir brand offers an extensive range of highly reliable, energy efficient compressors and accessories to suit all applications.

An extensive network of dedicated CompAir sales companies and distributors across all continents provide global expertise with a truly local service, ensuring our advanced technology is backed up with the right support.

CompAir has consistently been at the forefront of compressed air systems development, culminating in some of the most energy efficient and low environmental impact compressors on the market today, helping customers achieve or surpass their sustainability targets.



CompAir compressed air product range

Advanced Compressor Technology Lubricated

- Rotary Screw
 - > Fixed and Regulated Speed
- Portable

Oil-Free

- Water Injected Screw
 - > Fixed and Regulated Speed
- Two Stage Screw
 - > Fixed and Regulated Speed
- Rotary Scroll
- Ultima®

Complete Air Treatment Range

- Filter
- Refrigerant and Desiccant Dryer
- Condensate Management
- Heat of Compression Dryer
- Nitrogen Generator

Modern Control Systems

- CompAir DELCOS Controllers
- SmartAir Master Sequencer
- iConn - Smart Compressor Service

CompAir policy is one of continuous improvement and we therefore reserve the right to alter specifications and prices without prior notice. All products are sold subject to the Company's conditions of sale.

Value Added Services

- Professional Air Audit
- Performance Reporting
- Leak Detection

Leading Customer Support

- Custom Engineered Solutions
- Local Service Centres
- Genuine CompAir Parts and Lubricants