

Press Release

Compressed air without compromise with CompAir's latest L-series range

CompAir has announced its latest oil-lubricated compressors as part of its renowned L-Series range, delivering reliable and efficient compressed air without compromise.

The latest range covers air-cooled models from 55 to 75 kW and is available in both fixed and regulated speeds. When compared with previous models, the new compressors offer up 8 per cent efficiency improvements, as well as up to 5 per cent higher flow rate.

The range incorporates many of the market-leading features that the previous models offered – such as an automatic motor lubrication system as standard to help reduce downtime and increase the lifespan of motor bearings, as well as a semi-integrated airend and Victaulic fittings for easy maintenance and reduced leakage risks – but encompasses a range of key new benefits, too.

One of these is the newly designed, semi-integrated airend. Featuring a new rotor profile that delivers outstanding performance while reducing noise and vibration levels, the airend is manufactured in-house, at the company's Centre of Excellence in Simmern, Germany. It has also been designed with a larger-sized inlet and outlet. This helps to increase air flow and limit pressure drop, thereby providing owners and operators with best-in-class compressed air performance for this range.

For variable speed models, the new airend comes with an automatic oil regulation valve, which controls the oil's discharge temperature according to environmental conditions. Not only does this remove the risk of condensate and – as a result – corrosion, but it also ensures the oil in the system remains at suitably high standard at all times and can improve efficiency levels by up to five per cent. This has been cleverly integrated, along with the oil filter, into the airend's housing, helping to eliminate the risk of oil leaks while simplifying maintenance too.

In addition, the new airend is supported by CompAir's Assure warranty, which covers the airend for up to ten years or for 44,000 hours.

Service and maintenance are a hassle-free undertaking with the latest L-Series compressors from CompAir. All doors on the unit are hinged and can be easily removed, improving accessibility for users while also assisting with space requirements. Furthermore, service parts, such as separators and filters, have also been optimised to ensure maintenance is an easy process. For instance, the systems' new separator design not only provides an oil reservoir that helps reduce pressure drop but includes a hinged top plate and only one integrated seal, too. As a result, o-rings do not need to be removed and then fitted again during maintenance work.

The new models also have a smaller footprint than previous ones. The lean and simple design of the latest L-Series range means the latest compressors are 11 per cent smaller than older models, and up to eight per cent smaller than competitor technologies.

Just like previous models, the new compressors feature the innovative Delcos XL touchscreen controller, a user-friendly, intuitive and visual means of monitoring the operating parameters of the compressor.

The latest L-Series compressors still feature iConn as standard, too. A smart, proactive real-time monitoring service that allows operators to manage the performance of the system, through invaluable data statistics and insights, plus iConn with alert users should a potential issue with the compressed air system arise.

A highly efficient IE3 electric motor comes as standard with these systems, however there is the option of upgrading to an ultra-efficient, energy-saving IE4 electric motor if required. The units are capable of delivering pressure ranges from 5 to 13 bar, and volume flow between 2.1 to 14.03 m³/min.

Dora Artemiadi, Product Manager at CompAir, said: "We are extremely excited to bring to market the latest 55 to 75 kW models in our L-Series range, which we believe deliver best-in-class performance for compressors in this range. Take the Assure warranty, for instance. We are so confident in the quality of the airend's components and the design of the airend itself, which – as the heart of the compressor – is so important, that we are willing to offer a ten-year warranty on this. No other compressor brand in the market offers an assurance like this.

"Critically, the new models can help deliver significant cost savings. Our research has shown that a 75 kW regulated speed system running at 7.5 bar, for instance, can help save more than €5,000 a year when compared with our older models, and more than €6,500 a year when compared with some competitor models.

"The system is also offered with an extensive range of options to suit a user's unique requirements. For example, integrated heat recovery is one option, which can play an important role in contributing towards a company's sustainability goals and green credentials. Other options include alternative operating voltages, an integrated water separator and a base load selector."

For more information on the latest 55 to 75 kW L-Series range from CompAir, please visit <https://www.compair.com/en-gb/rotary-screw-air-compressors/55-75kw>

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About CompAir

With over 200 years of engineering excellence, CompAir offers an extensive range of reliable, energy efficient compressors, dryers and accessories to suit all applications. An extensive network of dedicated CompAir sales companies and distributors around the world provide global expertise with a truly local service, ensuring CompAir's advanced compressor technology is backed up with the right support. CompAir has consistently been at the forefront of the compressed air market, developing some of the most energy efficient and sustainable compressors available today, helping customers to achieve or surpass their environmental targets.

CompAir is part of Ingersoll Rand Inc.

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