

News from CompAir

NEW COMPRESSOR FROM COMPAIR DELIVERS 15% MORE AIR WITH LESS ENERGY INPUT

Compressor manufacturer, CompAir is building on the success of its L series oil-injected screw compressor range with the launch of the L80. Designed to deliver 15% more output whilst consuming less energy than comparative compressors, the L80 combines a compact, modular design, quieter operation and reduced maintenance.

Studies prove that better control, housekeeping and maintenance could save operators up to one third of the energy used across their compressed air systems (source The Carbon Trust). CompAir has designed the L80 to address these critical factors and in doing so, has delivered a compressor that is more economic to run with enhanced performance and reliability to meet a wide range of applications.

Energy Cut for Economic Operation

Compared to a standard 75 kW compressor delivering the same output, the L80 can save more electrical energy in one month than it takes to run the average household for a year. The design incorporates an IP55-protected motor and a high-output compression element with slower rotational speeds. This offers 15% greater volume flow, but with significantly less energy being consumed.

Product Manager, Richard Hilton adds, "We designed the L80 to cut energy overheads and the result is a compressor that far exceeds the performance of other 75 kW units. In short, customers can now have the best of both worlds; best-in-class output for minimum energy input, without compromise. In addition, optimum energy efficiency helps businesses to meet their climate change obligations by minimising carbon emissions and demonstrates an environmental commitment that will increase market appeal with customers keen to buy from a responsible supplier."

Continues/2

Intelligent and user-friendly design

The L80 features an integrated electronic controller with easy-to-use operator menus. Operators can monitor performance locally or remotely, 24 hours a day and rectify faults quickly to reduce running costs. Quieter operation, with noise levels below the industry standard at only 69dBa means that the compressor can be sited at the point-of-use, for reduced installation costs and improved health and safety.

The latest design allows for the factory fitting of an integral refrigeration dryer, which can also be retrofitted at a later date on site, helping to reduce the compressor's footprint size where space is at a premium.

Energy recovery units are also available as an option and allow operators to reclaim the heat generated by the compressor and use it to preheat water for a variety of industrial and commercial applications, helping to reduce energy costs even further.

Reliability and simpler maintenance

Using the latest development techniques, the innovative air end design with integrated components improves reliability and helps to reduce downtime. A fail-safe shaft seal, integrated oil filter and oil regulation valve minimise the external hoses that are easily damaged, for improved reliability.

Maintenance is also simplified with removable doors for fast access to parts and controls, to minimise disruption and service time.

To help companies get consistently high performance from their compressor, CompAir provides its well-known Assure™ free extended warranty scheme.

Unlike typical yearly-based warranties, Assure™ is based on the number of compressor running hours and is provided free-of-charge for up to 44,000 hours operating time. Assure™ is designed to protect the customer's investment by ensuring that scheduled maintenance is carried out by CompAir's network of authorised service providers using genuine CompAir spare parts and lubricants.

CompAir is a leading global manufacturer of compressed air and gas solutions providing quality, reliable, highly efficient compressors for a broad range of applications, including general industry, offshore, oil-free, construction and CNG refuelling. With an extensive network of dedicated sales companies and distributors across six continents, CompAir offers global expertise with a truly local service capability.

-Ends-