

News from CompAir

Compact compressors are built to last CompAir launches new L07-L11 range

CompAir has launched a new 7 to 11 kW range of oil-lubricated screw compressors designed to deliver high reliability with low service and installation costs.

The machines are ideal for smaller production processes that require a dependable and constant source of high-quality air, as product manager Richard Hilton explains:

“For many operators, it is both costly and impractical to own and maintain an additional compressor to provide backup in the event of equipment failure. This means that it is important to choose a compressor that is built to last and that will ensure high durability, simple servicing and cost-efficient operation at all times – so that downtime does not become an issue.

“We have therefore built our L07-L11 range to offer total peace of mind, with a range of features that will ensure reliability, reduce service downtime, make installation easier and improve air quality.”

Integrated air end - fewer components

CompAir has designed the compressor range with as many components integrated in to the air end as possible. As a result, there are only 3 hoses and fewer separate parts to maintain. This helps to improve overall machine reliability and reduces the length of time that the compressor is off line during routine servicing, for better productivity.

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Low oil carryover and moisture content also ensure that the range delivers high-quality air at all times, helping to safeguard production integrity.

Lower service costs

Traditionally, other compressors in this power range are offered with a 12-month standard warranty, which can lead to expensive parts' and service costs during the lifetime of the machine. In addition, service intervals can start from as little as 1,500 hours, meaning that the operator has to schedule in the cost and downtime of maintenance on a regular basis.

In comparison, the new L07-L11 kW range is offered with CompAir's free Assure extended warranty programme; a scheme based on the number of compressor operating hours, for up to 24,000 hours per machine. In practice, this means that an operator running a compressor for 40 hours per week, equating to an average of 2,000 per year, could receive a 12 year parts' warranty, free of charge.

Compared to other compressors in this class, the L07-L11 range offers extended service schedules up to 4,000 hours. By reducing the frequency of routine maintenance, machine availability is improved and the requirement for oil changes reduced, enabling operators to save on maintenance and disposal costs.

The new design offers easy access for faster routine maintenance, helping to reduce the time that the compressor needs to be out of service. In addition, because the new range features a simpler design with fewer components, service times are improved further.

Small and compact

The new air-cooled compressors are available as standalone machines or fully integrated AirStations to suit the application, offering pressures of 7.5, 10 and 13 bar.

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When installed as an AirStation, the separate components are mounted on to the receiver, saving up to 55% floor space and helping to reduce installation costs further. Called the L07FS and the L11FS, the AirStations include a refrigeration dryer with 3°C pressure dew point and a 270 litre air receiver.

With a small footprint of just 0.42 m², the compressor range is one of the most compact in its class and can fit through a standard width doorframe. This means that it can be installed easily into the most convenient location for the operator – whether in to an existing application where space is often at a premium or at a new site.

In particular, because the compressors are smaller and easy to move, they can be sited at the point of use rather than outside the main production area, helping to improve site security.

Control features

The new range features the well-proven and reliable Delcos Pro Controller to provide a range of management features to suit the application. These can range from a simple level of control, using for example, the real-time clock, which can start or stop the compressor at preset times to more in depth control of parameters such as error logs, interface to external devices and software upgrades.

For further information about CompAir's range of oil-lubricated compressors, please visit www.compair.com

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