



Champion unveils new 4-15kW scroll air compressors

Champion, a leading supplier of compressed air systems, has launched its latest oil-free air compressors as part of its renowned S-Series range, delivering reliable and efficient oil-less compressed air.

The extremely quiet and ultra-low vibration series of scroll air compressors supplies ISO 8573-1 Class 0 compliant oil and silicone free compressed air. As a result, these solutions are ideally suited for production sensitive environments, such as laboratories and hospitals that require the highest air quality level possible. They are also suitable for a variety of other applications that require high quality oil-less compressed air including automotive, food and beverage, transportation, electronics and drug manufacture.

Pure compressed air is important in many industry applications and the S-Series scroll compressor range meets those demands by offering full protection against contamination, as well as continuous, reliable and low-maintenance operation. Available in a range of kW sizes, starting at 4kW for single airend Simplex units, and 7kW for Duplex models with two airends, the scroll compressor series is capable of delivering a volume flow between 23.8 to 107 m³/hr at 8 bar, and 19.6 to 82.4 m³/hr at 10 bar.

The range's cutting-edge Oil Less Technology reduces the costs of ownership by avoiding oil filter replacements, oil condensate treatment, and energy to combat the pressure loss caused by filtration. However, the units encompass a number of key new benefits, too.

One of these is the Deluxe HMI control panel, fitted as standard. With an intuitive and easy-to-use graphical user interface the Deluxe HMI control panel provides users with real-time information such as system runtime meters, maintenance timers, and discharge pressure/temperature statistics. An integrated webserver allows users to monitor S-Series units from any internet-connected computer, smartphone, or mobile device. Further connectivity options, like Modbus TCP, is available as well.

Service and maintenance are a hassle-free undertaking with the latest S-Series compressors from Champion. Panels on the unit can be easily removed, improving accessibility for users while also assisting with space requirements, while a unique chambered design maximises cooling and serviceability.

Excessively loud air compressor systems in a plant or operations area are associated with difficult workplace communications and fatigue. Therefore, compressors installed near the point of use should be quiet and compact. The S-Series range with low noise levels is suited to these environments or where there are onsite space restrictions. The base mounted Simplex and Duplex units feature an air-cooled sound attenuating acoustic enclosure with internal vibration isolators, which contributes to a highly efficient cooling mechanism while simultaneously decreasing noise levels.

Tiziana Di Clemente, Product Manager at Champion, said: “Available in 4-15kW units, Champion’s latest oil-less S-Series compressors can be relied on to provide consistent, cost-effective and high-quality compressed air for a variety of applications. The compressors’ small footprint means it is a compact and easy-to-install solution, while service points are easily accessible for hassle-free maintenance.

“The new compressors also feature DOL or Soft starter in all variants, to suit a user’s unique requirements, as well as alternative operating voltages. And short lead times mean our customers will receive their orders fast; just three weeks for Simplex models and four to five weeks for Duplex ones.”

To find out more, please visit www.championairtech.com or email sales@championairtech.com.

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About Champion

Champion’s goal is to offer complete compressed air solutions that ensure the brand offers a smart and affordable choice for customers in small and medium-sized businesses.

Champion offers a range of oil lubricated screw, piston, rotary vane, rotary scroll and portable compressors, plus a complete air treatment range. The brand is constantly developing its products to ensure they can provide customers with high-quality products with quick delivery and high levels of customer care.

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