

## Press Release

### **CompAir launches new CD refrigerant dryer series**

**CompAir, the leading compressed air brand, has launched its latest refrigerant dryer range, helping ensure compressed air systems remain reliable and energy efficient throughout their working life.**

Fulfilling a vital role in a compressed air system, a refrigerant dryer cools the compressed air to allow water vapour to condense and then be separated. Clean and dry compressed air helps make sure a system is never compromised.

Furthermore, with many modern production systems and processes demanding high quality compressed air, in accordance with the air quality classes defined in ISO8573-1:2010, refrigerant dryers have a critical role to play in achieving this. This is true for all manufacturers, where production uptime is critical for profitable and trouble-free operations. Companies will often need to adhere to strict compressed air guidelines and legislation, and therefore cannot afford to deal with corrosion and its impact on efficiency levels in air distribution systems, as well as the potential contamination of goods on production lines.

To meet this need, CompAir has launched its new CD refrigerant dryer range. Offering air flow rates of to 191.67 m<sup>3</sup>/min, the range has been designed to ensure consistent dew points at all times, no matter the load level.

The new CD refrigerant dryer range feature patented heat exchanger technology, which has been designed and developed at CompAir's dedicated air treatment facility in Fogliano in Italy. This means the new range can deliver the highest levels of performance with the lowest possible pressure drop. The new heat exchangers also include an integrated condensate separator and are available without the traditional inlet and outlet headers, which can often contribute to restricted air flows. This can result in less efficient air-to-air heat transfer, impacting on performance levels.

Each dryer is fitted with a control panel that allows operators to monitor dew point, high/low temperature and the high ambient temperature. These also feature an anti-freeze mode, which automatically shuts the dryer off to avoid freezing, should the cooling side of the refrigerant circuit ever threaten to overpower the warm side. While alternative models often choose to forego certain pressure and temperature sensors,

freezing can potentially damage a dryer beyond repair. For this reason, CompAir believes it is critical to fit its dryers with these kinds of preventative measures.

For those in the EU, there is also the demands of the F-Gas Regulation and the Montreal Protocol to consider. These aim to move end users away from using harmful refrigerant gases to more sustainable options. In response to this demand, the smaller dryers in CompAir's latest range use the new R513a gas – a low Global Warming Potential (GWP) refrigerant blend – instead of the R134a gas, which is still used in many comparative models and is not as environmentally friendly.

The new CD series of refrigerant dryers are covered by CompAir's Assure warranty, as long as products are maintained in line with the user manual and the owner uses genuine CompAir parts.

Keith Atkinson, Product Manager for Air Treatment & Gas Generation at CompAir, comments: "From lighter load applications, such as air-powered tools in automotive workshops or light processing lines in manufacturing plants, to higher capacity ones, such as those found in large-scale industrial or petrochemical sites, our new CD series of refrigerant dryers can meet a whole range of applications.

"Depending on an application's requirements, we also offer the CD range with a number of different technologies, including a scroll refrigerant compressor, a programmable electronic drain valve that features a strainer for faster maintenance, and a powerful no-loss electronic drain. This uses state-of-the-art software and a special transducer interface to measure the presence of condensate, and only discharges this when necessary.

"Hitting sustainability targets is a key objective for many businesses today, and measures such as using the new R513a gas in our smaller models can help contribute to these ambitions. Not to mention, the efficient performance of the CD range means energy usage is improved, reducing energy bills while lowering the impact of an organisation's operations on the environment.

"Finally, from an aftermarket perspective, our five dedicated air treatment facilities – a result of Gardner Denver's merger with Ingersoll Rand – helps ensure those requiring service parts can have these sourced and supplied fast."

For more information on the new CD series of refrigerant dryers from CompAir, please visit [www.compair.com/en-gb/air-treatment-and-accessories](http://www.compair.com/en-gb/air-treatment-and-accessories)

**-Ends-**

## **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.

### **About Ingersoll Rand**

Ingersoll Rand Inc. (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is committed to helping make life better. We provide innovative and mission-critical industrial, energy, medical and specialty vehicle products and services across 40+ respected brands designed to excel in even the most complex and harsh conditions where downtime is especially costly. Our employees connect to customers for life by delivering proven expertise, productivity and efficiency improvements. For more information, visit [www.IRCO.com](http://www.IRCO.com).

### **For further press information, please contact Edson Evers PR:**

James Montgomery, Jane Woods, Rachael Aston or Jack Brodie on +44 (0) 1785 255146.

[james.montgomery@edsonevers.com](mailto:james.montgomery@edsonevers.com)

[jane.woods@edsonevers.com](mailto:jane.woods@edsonevers.com)

[rachael.aston@edsonevers.com](mailto:rachael.aston@edsonevers.com)

[jack.brodie@edsonevers.com](mailto:jack.brodie@edsonevers.com)

Edson Evers Public Relations, 120 Newport Road, ST16 1BY Stafford, United Kingdom