

## Press release

### **HUMISONIC, THE ULTRASONIC ADIABATIC HUMIDIFIER A COMPLETE, HYGIENIC AND ENERGY-SAVING SYSTEM**

Brugine (Padova), 28 May 2015

humiSonic is a highly compact **ultrasonic adiabatic humidifier**. Manufactured entirely in house, it exploits all of CAREL's experience in electronic technology. The built-in electronic board ensures precise control of unit operation and humidity production, as well as connectivity to probes, control and supervisory systems using the Modbus and Carel communication protocols.

#### **Hygiene above all**

Special care has been paid to hygiene. **Periodical washing cycles** mean no stagnant water or dust build-up. humiSonic comes with a **drain valve** that automatically empties the unit at the end of each working cycle or after a period of inactivity. In addition, the material used to make the tank comprises **silver ions** for active protection against bacteria proliferation.

#### **Complete system**

humiSonic is a complete system, featuring a miniature humidity probe and activation sensor that detects air flow. Despite its very compact size, unlike other humidifiers **it comes with a built-in electronic board**, making it a complete solution that does not require any external electrical panels.

#### **Multitude of applications**

humiSonic is the ideal solution for comfort applications, being perfect for home fan coils installed on the wall or in false-ceilings and for small air handling units. humiSonic also has the right features for **industrial and food** applications: cold rooms and climate rooms, display cases, dough retarders, wine coolers and confectionery showcases. Finally, humiSonic also provides excellent performance for **data centers**.

#### **Energy saving**

Compared against the solutions with steam generators available on the market, humiSonic has **90% lower energy consumption**. This energy saving translates into a return on investment of just eighteen months.

#### *press information*

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**About CAREL INDUSTRIES S.p.A.**

CAREL is one of the world leaders in control solutions for air-conditioning, refrigeration and heating, and systems for humidification and evaporative cooling. Our products are designed to bring energy savings and reduce the environmental impact of equipment and systems. Our solutions are used in commercial, industrial and residential applications. CAREL has 18 fully-owned subsidiaries and 6 production sites, as well as partners and distributors in a further 75 countries.  
For further information, go to [www.carel.com](http://www.carel.com)