

## Press release

### CAREL CONTROL SYSTEMS GENERATE AND MONITOR ENERGY SAVING

*The c.pCO range and CAREL high efficiency solutions for all  
HVAC/R applications*

Brugine (Padova), 22 July 2015

c.pCO sistema is the solution that CAREL offers its partners for managing HVAC/R applications and systems. c.pCO sistema includes **programmable controllers**, user interfaces, communication interfaces, remote management systems and cloud services, so as to offer OEMs in the HVAC/R industry a control system that is both powerful and flexible, that can easily interface with the most common Building Management Systems, and that can even be integrated into proprietary supervisory systems.

c.pCO sistema guarantees reliable control of air-conditioning and refrigeration units, and adaptability in terms of both appearance and functions. Several different models are available, based on the number and type of inputs/outputs, with or without built-in terminal. The plastic case for DIN rail mounting ensures the board high mechanical protection and reduces the risk of electrostatic discharges, and is designed to house an optional built-in user interface with semi-graphic LCD and six buttons with LED backlighting.

**Connectivity.** This is one of the main distinguishing features of the c.pCO family of controllers, a significant evolution from the previous ranges. Multitasking operating system and embedded Ethernet interface, offering a wide range of standard protocols for local connectivity (Web server, Modbus/TCP, BACnet™, FTP, DHCP, DNS, NTP).

**Flexibility.** c.pCO comes with up to 10 I/O universal channels, ensuring maximum flexibility in configuring the inputs/outputs. Thanks to the Carel-proprietary ASIC chip, the universal I/O channels can be configured independently as analogue inputs, digital inputs or analogue outputs.

**Cloud services.** "Plug & Play" solution to connect to the tERA cloud platform. All tERA services are available via a simple Ethernet connection to the home or company network, without requiring the use of additional gateways.

**Interface.** The terminals in the c.pCO sistema range are available for panel installation or wall mounting, with LEDs, and an alphanumeric and graphic LCD that can display messages in Chinese, Cyrillic, Arabic and Japanese.

**Applications.** The programmability of the c.pCO family means control solutions can be developed for chillers, air-conditioners, shelters, roof-top units, heat pumps, compressor racks, air handling units (AHU) and many other applications.

**Energy saving.** The c.pCO Medium model comes with two EVDEVO drivers for controlling expansion valves, with optional Ultracap module, for integrated energy saving management.

*press information*

CAREL Media Relations Manager, Paola De Troia  
T. +39 049 9731 899

media.relations@carel.com

**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)