

## Press release

### NEW DIGITAL FORMAT FOR CAREL BOOKS

*A green format for CAREL publications: more widespread circulation of knowledge on humidification and air conditioning*

Brugine (Padua), 22 September 2015

CAREL's books dedicated to the humidification of air and evaporative cooling result from the desire to make its experience and knowledge **available to a broad audience**, with the aim of contributing to the spread of a scientific knowledge seen as the preserve of a few. The books were written to highlight the importance of humidification control even in daily life. It suffices to consider the impact of humidity on personal well-being and health or its impact on the quality of production processes.

Years on from their publication, CAREL now presents the books in a **digital version**. "We're a tech company and continuous improvement is an essential component of our genetic make-up," comments **Luigi Nalini, CEO of CAREL and co-author of the texts**. "Making the books available in digital format is a natural adaptation, obligatory in a certain sense. E-books also have advantages in terms of energy saving and greater accessibility, in keeping with our desire to share knowledge."

The 'Air Humidification' book, co-authored by **Renato Lazzarin, full professor at the University of Padova**, is a practical, comprehensive guide, with a structure of closed chapters that can be read independently, to meet theoretical or practical requirements. It also represents a tool for scientific communication of the subject. The text is addressed in particular to technical designers, providing them with an effective instrument for in-depth investigation of all scientific and technical aspects of air humidification.

'Evaporative Cooling' focuses on this *green* technique for reducing electricity consumption in cooling systems thanks to the energy produced by the spontaneous evaporation of a renewable energy source: water. The book deals with the **physical and application aspects** of this technique, which is becoming more and more frequent for cooling data centres and eliminating thermal loads in plants for printing, textile factories and all applications where the evaporation of water can be used for cooling purposes. The final chapter of the book contains some case studies illustrating successful applications.

**Internationally recognised** and presented in various academic contexts, the volumes are available in **several languages including Chinese, German, French and Spanish**, in addition - naturally - to English. "I hope that taking this work up again and editing it in e-book format will contribute to wider scientific and technical knowledge of this issue, so important in many applications, from well-being in the home to the requirements of industrial processing," states Prof. Lazzarin. "This new format allows us to reach a greater number of people with practically no impact on the environment and with users being able to acquire the text simply and conveniently."

Both volumes **are free of charge** and can be ordered using the ***Climate Tools* app from CAREL**, available for iOS and Android. Alternatively, the e-books can be requested by completing the online form at <http://www.carel.com/e-book-request>

*press information*

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

CAREL are among the world leaders in the production of control solutions for air conditioning, refrigeration and heating and in systems for adiabatic cooling and humidification. CAREL products are designed to generate energy savings and reduce the environmental impact of machines and systems. Our solutions apply to the commercial, industrial and residential sectors. CAREL has 18 branches and 6 owned production plants, supplemented by partners and distributors in a further 75 countries.

For further information, visit [www.carel.com](http://www.carel.com)