



CAREL

Wine industry

Temperature and humidity control systems

Integrated Control Solutions & Energy Savings

Solutions for the wine industry

Wine: a product born of tradition.

Its taste, bouquet and other characteristics that people appreciate not only depend on the quality of the grapes, but also on the skill and the experience of the winemaker.

Technology now plays an increasingly important role in achieving best results and ensuring the competitiveness of the product on the global market.

Indeed, within the winemaking process, control of the temperature, humidity and pressure plays a key role.

Controlling these variables thus means managing the production, maturation and storage of the wine, so that the product that reaches our tables retains its specific characteristics and optimum quality.

CAREL, leader in the production of controllers for refrigeration, air-conditioning and humidification systems, is the ideal partner for the wine industry.

With its vast range of standard and custom solutions, CAREL can respond to the needs of winemakers with professionalism, providing cutting-edge global technical support through its extensive network of agents.



Monitoring and Supervision

PlantWatchPRO for the supervision of small systems, PlantVisorPRO for larger installations.



integration

Our solutions meet all requirements for control, integration and supervision of food cooling production and distribution and room air-conditioning systems



energy saving

Significant reductions in energy costs for refrigeration and air-conditioning.

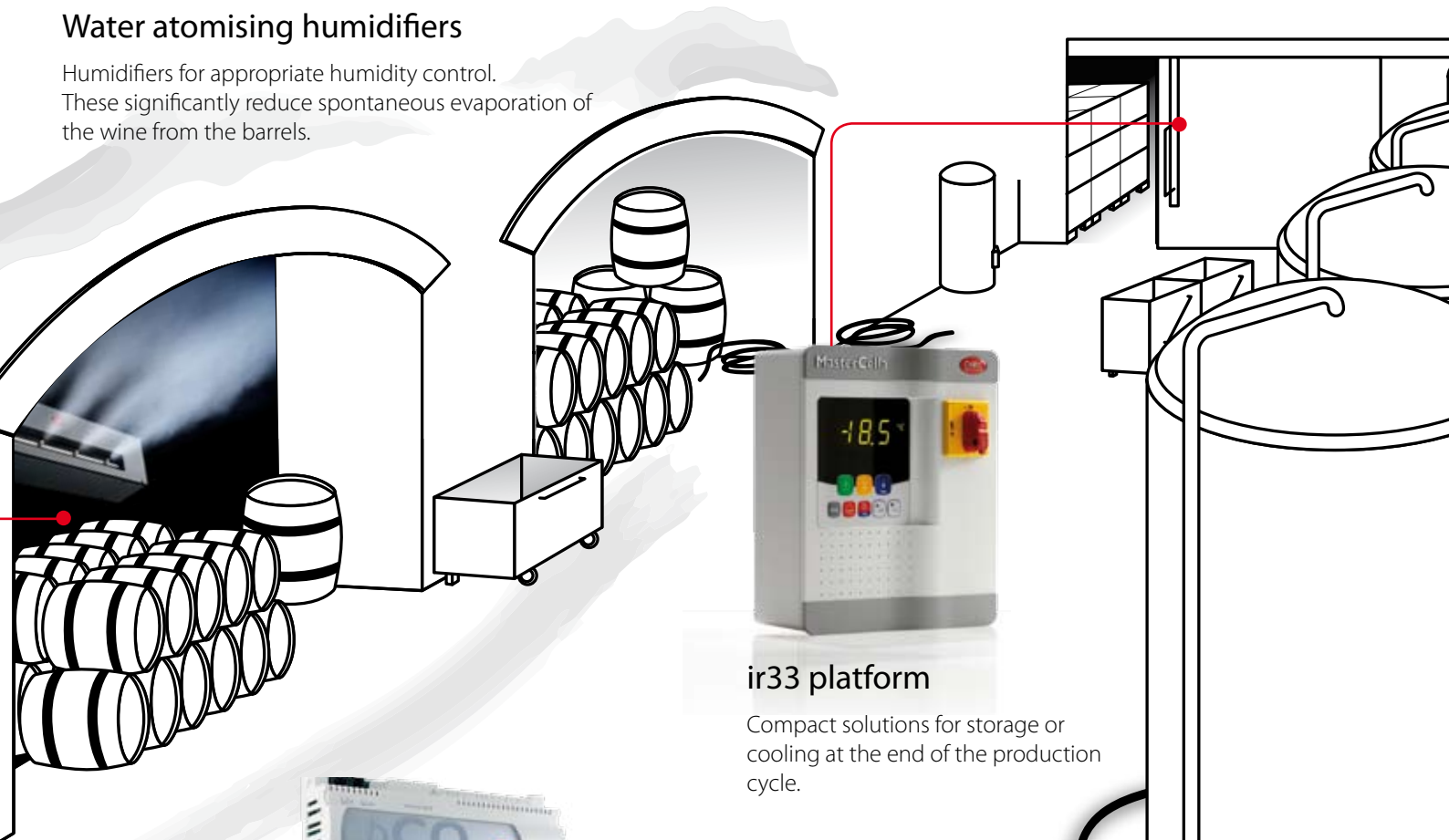


alarm management

All alarm situations are identified and signalled. Efficient management of maintenance and service operations by interaction between solutions for the systems and the service centres.

Water atomising humidifiers

Humidifiers for appropriate humidity control. These significantly reduce spontaneous evaporation of the wine from the barrels.



ir33 platform

Compact solutions for storage or cooling at the end of the production cycle.



pCO sistema

Programmable controllers for custom management of the wine processing/maturing cycle.

ir33 universal

Versatile range for operation as thermostat, humidistat or pressure switch.



standards compliance

Guaranteed compliance with safety standards on the control and management of cooling.



reduced environmental impact

Solutions with low energy consumption that mean a reduction in polluting emissions.

Our solutions

...for temperature control

pCO range



Programmable controller with up to 52 I/Os on each board

ir33 universal



Temperature, humidity and pressure controller with up to 8 I/Os on each board

ir33 platform



Controllers for cold rooms or refrigeration systems with up to I/Os on each board.

...for humidity control

humiFog



High pressure water atomising humidifier (60 to 500 kg/h standard; up to 5000 kg/h custom).

mc

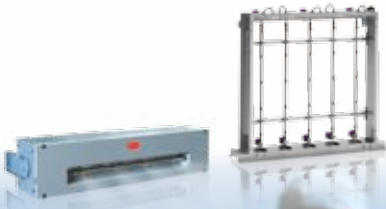


Compressed air/water atomising humidifiers (60 and 230 kg/h).

humiDisk



Spinning disk atomising humidifier (1 and 6.5 kg/h).



Headquarters ITALY

CAREL INDUSTRIES HQs

Via dell'Industria, 11
- 35020 Brugine - Padova (Italy)
Tel. (+39) 0499 716611
Fax (+39) 0499 716600
carel@carel.com - www.carel.com

Sales organization

CAREL Asia
www.carel.com

CAREL Australia
www.carel.com.au

CAREL China
www.carel-china.com

CAREL South Africa
www.carelcontrols.co.za

CAREL Deutschland
www.carel.de

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www.carelfrence.fr

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www.carel.es

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www.carel.com

CAREL Sud America
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CAREL U.K.
www.careluk.co.uk

CAREL U.S.A.
www.carelnusa.com

Affiliates

CAREL Korea
www.carel.co.kr

CAREL Ireland
FarrahVale Controls & Electronics Ltd
www.carel.com

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CAREL spol. s.r.o.
www.carel-cz.cz

CAREL Thailand
www.carel.co.th

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www.carel.com.tr

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