

Emerson's Climate Technologies Business Presents Innovative Solutions for the Retail World at Euroshop 2023

Control, connectivity and efficiency for a more sustainable retail applications

BELLUNO, ITALY, February 28, 2023 – Emerson's Climate Technologies business will showcase its latest electronic technologies for control and monitoring in retail applications at Euroshop 2023 in Düsseldorf, Germany. From 26 of February to 02 of March, the company will present its innovative and connective solutions focused on efficiency, sustainability, and food preservation.

Dixell XeCO₂ System for Optimized Efficiency Management

Environmental regulations and corporate sustainability targets have set the stage for the broader adoption of CO₂ in commercial refrigeration. The Dixell XeCO₂ system is a complete solution for the retail industry. The system includes a wide range of high efficiency controllers, connected and monitored over one platform.

The XeCO₂ system ensures work safely with overfeed evaporators optimizing the CO₂ plant management and includes:

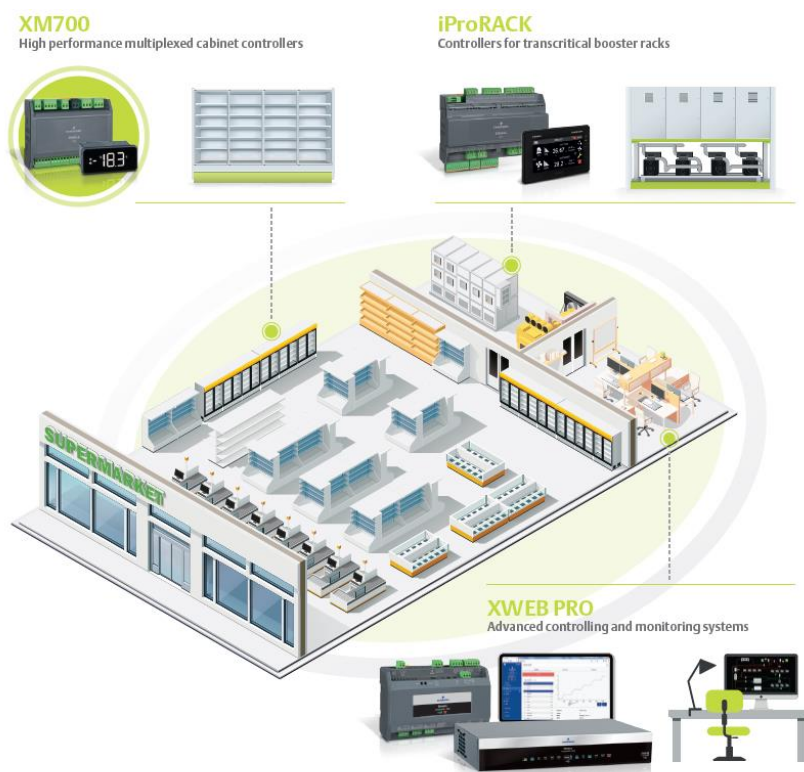
- New high-performance multiplexed cabinet controllers (Dixell XM700)
- Advanced controlling and monitoring systems (Dixell XWEB PRO)
- Controller platform for transcritical booster racks (Dixell iProRACK)

The synchronization among these assets provides advanced regulation algorithms and system logic to address food preservation, providing a single-entry point for the installer, service and energy manager with a complete and wide range of high efficiency electronic controllers suitable for all types of cabinets.

The new XM700 case controller, designed for remote cases, vertical cabinets, and refrigerated counters, is ideal for all types of retail applications, from small shops to discount stores, supermarkets to hypermarkets. Designed to handle the unique challenges of retail refrigeration environments, its features include:

- Purposeful design to handle the unique challenges of retail refrigeration environments
- High flexibility and connectivity through Bluetooth® communication systems and a dedicated mobile app
- A powerful hardware platform, easy installation mode, and simple configuration best meet installer and service needs.
- Special algorithms to help maximize energy savings in every application
- Full touch interface, high amount of information available, ease of cleaning, and intuitive interaction
- An intelligent demand defrost algorithm that only triggers a defrost cycle

The XM700 case controller enables OEMs to manage all loads in a refrigerated case, including lights, fans, defrost, heaters, alarms, stepper and valves. Its hardware and software have been designed, engineered and tested for low and medium temperature applications, enabling the coordination of refrigeration case lineups with support for up to eight cases. Through Bluetooth® communication and the new mobile app, available for iOS and Android, interaction with refrigeration units is even more immediate. It is now possible to check cabinet operation in real-time via the user interface available on a mobile device (smartphone, tablet) which provides full control of the unit with simplified configuration, control and maintenance activities. The mobile app provides complete reporting with graphs and statistics, status alerts of the refrigerated cabinets (presence of alarm conditions), and identifies users to securely centralize management of user access and permission levels.



Innovation and connectivity at Euroshop 2023

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About Emerson

Emerson (NYSE: EMR) is a global technology and software company providing innovative solutions for the world's essential industries. Through its leading automation portfolio, including its majority stake in AspenTech, Emerson helps hybrid, process and discrete manufacturers optimize operations, protect personnel, reduce emissions and achieve their sustainability goals. For more information, visit [Emerson.com](https://emerson.com).

Emerson's Climate Technologies business has more than 100 years of experience in heating, ventilation, air conditioning and refrigeration technologies and solutions. Emerson announced in October 2022 an agreement to sell a majority stake in Climate Technologies to Blackstone.

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