

Emerson's New E2 Controller Provides Critical Platform for Integrating Supermarket Equipment and Operating Systems

Next-Generation Controller Brings Increased Processing Power, Flexibility and Efficiency to Store Refrigeration

CHICAGO, May 4, 2003 – Emerson Climate Technologies™, an Emerson business (NYSE: EMR), today introduced the E2 controller from its Computer Process Controls™ (CPC) company. Unveiled at this year's Food Marketing Institute Show in Chicago, May 4–6, the innovative controller makes it possible for more effective and seamless integration of refrigeration and HVAC equipment within the supermarket, as well as integration with other building control systems, such as lighting and security.

"E2 sets a new precedent in electronic controls for supermarkets and retailers," said Tom Bettcher, Emerson executive vice president and business leader for Emerson Climate Technologies. "As refrigeration system technology has advanced, so has the electronic control and its ability to connect critical components, like compressors, motors, valves and sensors. E2 is the first controller designed in conjunction with other new Emerson products, providing better integration of system technology and more complete data for the customer."

The next generation of CPC's popular Einstein control, E2 easily integrates with Emerson Climate Technologies "smart" products, including integrated compressor electronics, electronic valves and flow controls, and online equipment monitoring. This creates a "smart" store environment where all components, systems and building controls are connected, managed and monitored from a centralized location.

"E2 acts as the 'nervous system' for the entire network of equipment and controls within a supermarket, as it gathers and integrates performance information that is vital to the store's operations," said Dave Rohn, vice president of engineering for Computer Process Controls. "This greatly increases the monitoring and measurement capabilities, allowing stores to collect and analyze data store wide and act quickly to improve equipment performance and system efficiency."

The E2 controller's advanced electronic design also brings a new level of processing power, flexibility and efficiency to the store's refrigeration system. E2 is one of the most powerful controllers available in the industry, possessing three times the processing power of the original Einstein control. It also features increased memory, advanced power analysis and on-board Ethernet® communications for high-speed communications. And when integrated with CPC's VeriSite™ system, it can collect information across the entire chain, allowing stores to see which locations are running at an optimal performance level and which ones need equipment enhancements or updates.

The E2 controller also features the most intuitive user interface in the industry. Modeled after common software programs, the menu-driven interface allows users to quickly navigate from screen to screen with the touch of a button. The addition of a TFT color screen helps users accurately review critical system parameters and easily view graphical data.

The new Emerson Climate Technologies controller is available in three application models: refrigeration control for supermarkets (RX); building control for box retailers (BX); and control for convenience stores (CX).



About Emerson Climate Technologies

St. Louis-based Emerson is a global leader in providing customers with innovative technologies and solutions in five business segments: industrial automation; process control; heating, ventilating and air conditioning; electronics and telecommunications; and appliance and tools. Sales in fiscal 2002 were \$13.8 billion. Emerson Climate Technologies™ includes industry-leading brands such as Browning®, Copeland Scroll®, Emerson Motors®, Emerson® Fans, Flow Controls (formerly Alco Controls), Therm-O-Disc® and White-Rodgers®.

Computer Process Controls (CPC), an Emerson company, is a leading provider of electronic refrigeration and building environmental control systems. For more than 20 years, the company has been at the forefront of developing new trends in monitoring systems, including remote monitoring solutions for the supermarket and convenience store industries. Computer Process Controls customers include 73 of the top 100 supermarket chains in the United States, the top four convenience store chains and the top three drug store chains. Headquartered in Atlanta, the company is part of the Emerson Climate Technologies business group.

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