

Control Link® Walk-In Controller

State of the Art Control for Walk-In Coolers and Freezers



P/N: 818-2510

Emerson Climate Technologies, a leader in refrigeration control, has developed a unique controller for walk-in coolers and freezers. The Control Link® Walk-In Controller (WIC) is part of the most advanced line of application specific controllers Emerson has ever created. This state-of-the-art control platform delivers levels of reliability, energy reduction and connectivity that were previously unavailable. Its modular nature, and the fact that it consolidates many separate components into one device, enables walk-in manufacturers to achieve a lower first cost. The advanced control algorithms reduce maintenance and total ownership costs for end users as well. Error codes listed on the controller's housing make it easy to troubleshoot and repair, even for novice technicians.

Superior Energy Savings

The Control Link WIC's advanced algorithms focus on reducing energy consumption as much as possible, which saves your customers money! For example, the direct temperature control algorithms deliver smarter compressor cycling, maximizing energy savings, reducing product shrink, and maximizing product quality. They also extend compressor life by protecting against short cycles or excessive compressor cycling. An optional real-time clock allows defrost scheduling at off peak times for reduced peak utility charges. Control Link also controls defrost based upon coil temperature, not a pre-set time limit. This minimizes the amount of time that the walk-in is in defrost, and guarantees an optimally successful defrost period. The results are superior energy savings and reduced product shrink.

Extreme Reliability

Uptime is critical, not only for ensuring food safety, but also for maintaining your reputation. Emerson knows this and uses algorithms that prevent compressor short cycling. These algorithms ensure that compressors run for the appropriate amount of time required to circulate oil in the system, extending compressor life dramatically. This reduces walk-in down time, safeguards food quality, and protects your reputation.

Feature	Benefit
Temperature Control	Precise and highly reliable sensor directly cycles compressor to insure highest food quality
Defrost Control	Ends defrost based upon temperature, not time, and protects food quality. Optional real-time clock allows scheduling during off-peak times.
Communications Ready	Enables enterprise-wide system management, remote access, and device alarming
Advanced Diagnostics	Early warning of maintenance issues, allows you to plan maintenance around your schedule.
Lighting Control	Enhances energy savings by lighting the reach-in only during specified hours
Remote Display	Enables alarms and information to be shown in a convenient location
Alarm Codes on Housing	Allows quick and easy troubleshooting
Built-in Compressor Protection	Advanced algorithms prevent short cycling and excessive compressor cycling

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Accessibility

Alarm management is integral to any food safety initiative, as well as shrink reduction. Control Link WIC makes accessing alarm data and system information easier than ever. Alarms and system data may be viewed on either the controller's display, remote display module, or remotely through a networked facility management system. Alarms and maintenance indicators may also be sent to a remote monitoring service or a contractor for diagnosis and maintenance. Early notification of alarms can prevent untimely equipment failure, and reduce repair costs.

Temperature Monitoring

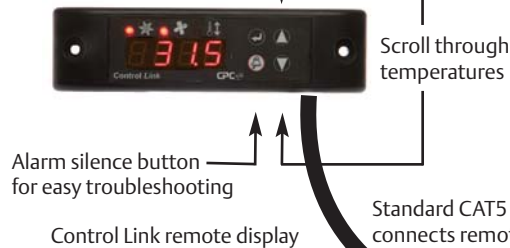
Control Link eliminates less reliable methods of manually monitoring and recording temperatures – and the human errors that inevitably occur. Each controller, when networked, automatically logs temperature data at an established rate. As food service operators are aware, temperature logging is a critical piece of any HACCP compliance program. Retailers also use Control Link to notify operators should temperatures be either above or below alarm levels, or if any potential maintenance conditions exist, such as an extended defrost or compressor failure.



Intelligent Store™ Architecture

The Control Link platform is a base component of Emerson's Intelligent Store™ architecture. The architecture creates an integrated suite of products and services that provide retail operators a new level of sophistication and insight into their operations. When integrated, these innovative products and services can provide maintenance, energy, and reliability gains. Also included in the Intelligent Store are the E2 Facility Management System, Intelligent Store Discus® compressor, select Lennox HVAC units, and other third party devices. For more information on Emerson's Intelligent Store, the Control Link platform, or facility monitoring and field services, visit EmersonRetailSolutions.com

LED's show when compressors and fans are active



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1640 Airport Road NW, Suite 104, Kennesaw, GA 30144 USA

1.770.425.2724

EmersonClimate.com

EmersonRetailSolutions.com

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