

Control Link™ Anti-Condensate Controller

Reduce Energy Usage While Products Keep Looking Great

Control Link ACC

Emerson Climate Technologies, the leader in facility management systems for the retail industry, has developed a unique controller for anti-condensate heaters. The Control Link™ Anti-Condensate Controller (ACC) uses patented closed loop algorithms, and dramatically reduces energy consumption on any refrigerated fixtures with anti-condensate heaters. Control Link ACC ensures that heaters are activated only when necessary, and that the refrigerated fixture remains free from condensation. The controller's closed loop algorithm modulates heaters to maintain a measured surface temperature just above the ambient dewpoint. This method ensures maximum energy savings by floating the surface temperature to a precise differential above the dewpoint, and keeps your products looking their best.



Feature	Benefit
Small Size 11" x 1.7" x 1.12"	Easy OEM or field installation in mullion or electrical raceway
High Current Capacity 16 Amp Max	Designed for up to a 20 A circuit breaker
120 VAC-250 VAC 50/60 HZ Input Power	No need for transformers; one version covers all voltage ranges
Closed Loop Control Algorithm	Ensures maximum energy savings
Zero Crossing Switching	Minimizes electrical noise and ensures long life of triac
Jumper Setpoint Adjustment	One simple adjustment to raise or lower differential setpoint
Network Connection	Allows the controller to network to Emerson's facility management system for advanced diagnostics and alarms, or allows sharing of dewpoint sensor reading between multiple units if no E2 is on site

Control Link ACC

Versatility

The Control Link ACC has a wide variety of installable locations, including the case's doorframe and electrical raceway. The controller also has one of the lowest installation costs of any anti-condensate controller in the industry. Emerson has worked with virtually every OEM and trained them on the ease of this product's installation in their factories. Ordering the Control Link ACC installed at the OEM can both lower your total initial cost, and reduce the occurrence of any potential problems. Thanks to its small size, the controller and all sensors can be easily mounted in the case's electrical raceway or even the door frame!

Accessibility

Accessing the Control Link ACC couldn't be easier via our remote access software. When accessing the controller, you can easily adjust the system's parameters, troubleshoot the system, or even view calculated savings!



Typical Annual Control Link ACC Savings per Case *

Case Heater Wattage		Heater "ON" Percentages						
		70%	60%	50%	40%	30%	20%	10%
	600	\$126	\$168	\$210	\$252	\$294	\$336	\$378
	800	\$168	\$224	\$280	\$336	\$392	\$449	\$505
	1000	\$210	\$280	\$350	\$420	\$491	\$561	\$631
	1200	\$252	\$336	\$420	\$505	\$589	\$673	\$757

* These savings are typical as experienced by customers with an average electric rate of 8 cents per kWh. Your savings may vary. Please contact your Emerson sales representative for a custom estimate of your application.



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 or linked together, these innovative products and services can provide maintenance, energy, and reliability gains. Also included in the Intelligent Store are the E2 Facility Management System, Control Link device controller, 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 www.EmersonClimate.com/retailers.htm



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

770.425.2724

EmersonClimate.com

cpcus.com

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