

Control Link[®] ACC

Anti-condensate controller



A revolutionary energy-saving device for anti-condensate heaters

Unsurpassed energy efficiency

- Uses a patented closed loop algorithm for continuous monitoring of the door frame temperature in conjunction with surrounding dewpoint, dynamically optimizing its heater output to maintain the frame at the minimum level above dewpoint
- Can deliver up to 70% greater energy savings than other controllers that rely on dewpoint alone

Features

- Exceeds EISA regulations to maximize energy savings for retailers
- Ease of installation for new build and retrofit applications – provides short term payback and high ROI
- Flexible configuration, covering many application scenarios
- Solid state zero crossing switching for reliable, interference-free operation

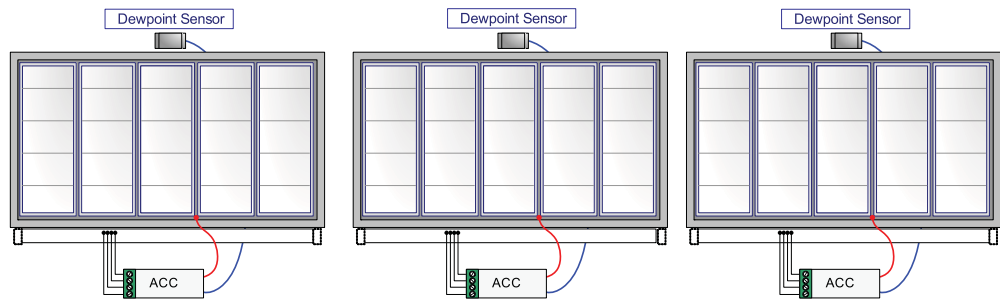
Condensation prevention

- Delivers confidence that door frames remain condensation free, and product displays will remain clearly visible to customers

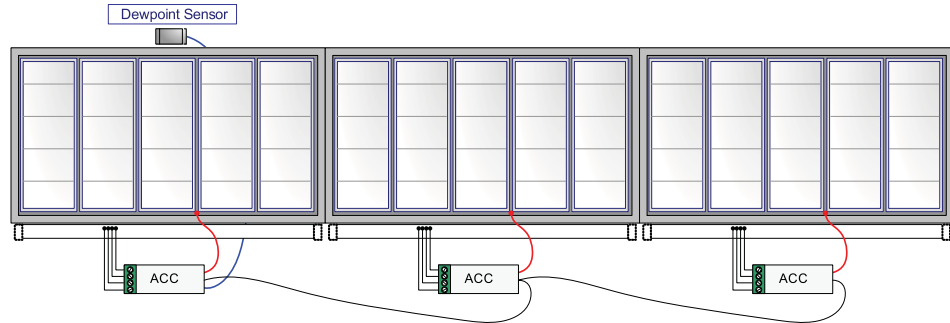
Communication

- Integration into E2 Facility Controller allows parameter adjustment for troubleshooting and savings monitoring
- Connecting to the E2 enables Emerson's ProAct™ software to monitor the performance of every Control Link ACC across an enterprise and measure individual store operations against an industry average

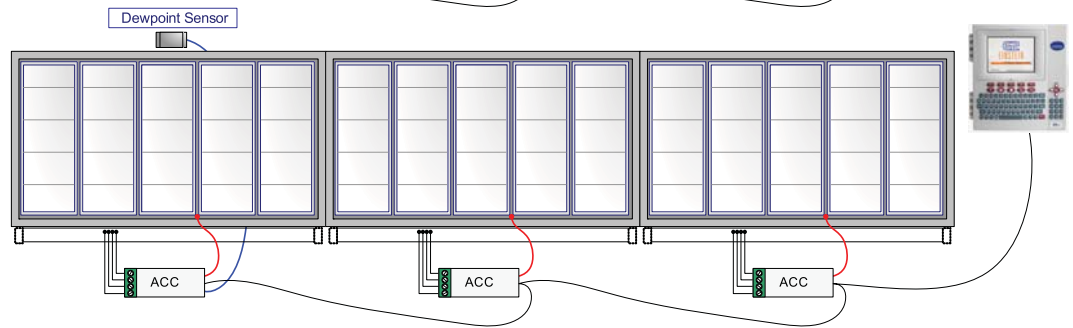
Stand alone



Shared dewpoint



Integrated into E2 facility controller



Feature	Benefit
Patented closed loop control algorithm	Ensures maximum energy savings
Solid state switching	Reduces electrical noise and maintains long life of heaters
120 VAC-250 VAC 50/60 HZ input power	No need for transformers; one version covers all voltage ranges
Small size 9"x1.7"x1.12"	Easy OEM or field installation in mullion or electrical raceway
Push button offset adjustment	Easily adjust dew point sensor offset for optimum energy savings and door clarity
RoHS compliant	More environmentally sustainable than other controllers. Contains no lead, mercury, or other materials banned by RoHS mandates
Quick connection terminals	Makes electrical connections faster and easier, simplifying installation and retrofits
Network connection	Master / Slave operation – use own dewpoint sensor or share with other controllers. Can also be networked to E2 Facility Management system for advanced alarms and diagnostics

Annual savings per case* with Control Link ACC

Case Heater Wattage	Heater ON Percentages						
	70%	60%	50%	40%	30%	20%	10%
600	\$158	\$210	\$263	\$315	\$368	\$420	\$473
800	\$210	\$280	\$350	\$420	\$491	\$561	\$631
1000	\$263	\$350	\$438	\$526	\$613	\$701	\$788
1200	\$315	\$420	\$526	\$631	\$736	\$841	\$946

*These savings are typical as experienced by customers with an average electric rate of 10 cents per kWh. Your savings may vary. Please contact your Emerson sales representative for a custom estimate of your application.

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