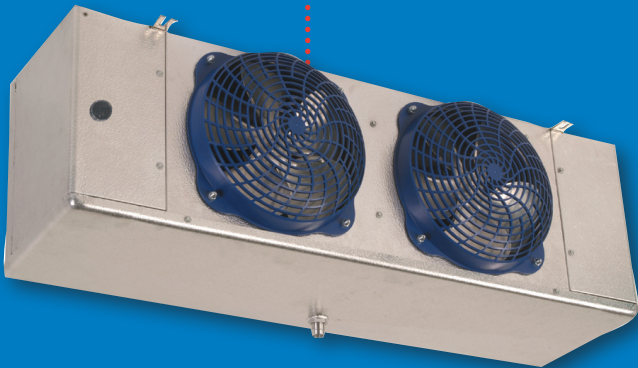
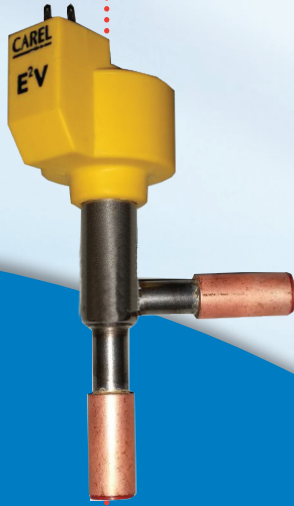


Quick Response Controller

Powered by Heatcraft

The Heatcraft Quick Response Controller is a factory installed and tested control solution that provides automatic superheat and intelligent defrost control for refrigeration unit coolers. Utilizing innovative, state-of-the-art technologies, the Quick Response Controller delivers reliable operation and system performance while saving energy compared to traditional electro-mechanical refrigeration controls.



The company behind the brands you trust.



NOTE: Heatcraft offers additional units with mounted TXVs only, as well as other manufacturer components upon request.

FACTORY INSTALLED AND TESTED

Ease of Installation

- Pre-assembled controls package
- No installing or connecting components
- Reduced time and effort required for installation
- System will work optimally out of the box

Stand Alone

- No low voltage wiring between condensing unit and evaporator
- Complexity and volume of electrical wiring decreased
- Faster installations and easier troubleshooting

Built by Experts

- Same technical expertise used to design refrigeration equipment and the controls
- Precise engineering and systems integration allow for optimal performance

RAPID RESPONSE – ELECTRONIC EXPANSION VALVE (EEV)

Improved Temperature Control

- Designed to maintain product or process temperatures within a specific range
- EEV's will allow system to reach optimal conditions faster
- Greater control over system temperatures

Precise

- Traditional thermostatic expansion devices (TXV's) take time and expertise to properly setup
- Ideal settings already exist in the algorithm with an EEV
- Select the desired superheat and refrigerant type, the controller will automatically make necessary adjustments

Rapid

- Achieving and maintaining ideal superheat ensures equipment responds rapidly following compressor startup
- Refrigeration systems that balance out quickly, adapt to changing conditions faster

INTELLIGENT DEMAND DEFROST

Intelligent

- Many years of experience and knowledge harnessed to develop the Heatcraft Quick Response Controller
- Result is a controller that's ready to analyze and adapt to constantly changing conditions

Demand Defrost

- Continuously evaluating system parameters, pressures, temperatures and valve position
- Executes a defrost cycle only when actual conditions warrant
- Results in overall energy savings, more consistent box temperatures and improved product integrity

EC Motors

Air Defrost, 115/1/60 Voltage		Electric Defrost, 208-230/1/60 Voltage	
	Model Number		Model Number
	LSC040AEQRC6K		LSF035BEQRC6K
	LSC052AEQRC6K		LSF040BEQRC6K
	LSC065AEQRC6K		LSF047BEQRC6K
	LSC070AEQRC6K		LSF065BEQRC6K
	LSC090AEQRC6K		LSF075BEQRC6K
	LSC104AEQRC6K		LSF090BEQRC6K
	LSC120AEQRC6K		LSF120BEQRC6K
	LSC130AEQRC6K		LSF140BEQRC6K
	LSC140AEQRC6K		LSF160BEQRC6K
	LSC156AEQRC6K		LSF180BEQRC6K
	LSC180AEQRC6K		LSF200BEQRC6K
	LSC208AEQRC6K		LSF240BEQRC6K
	LSC260AEQRC6K		LSF280BEQRC6K
	LSC312AEQRC6K		
	LSC370AEQRC6K		



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