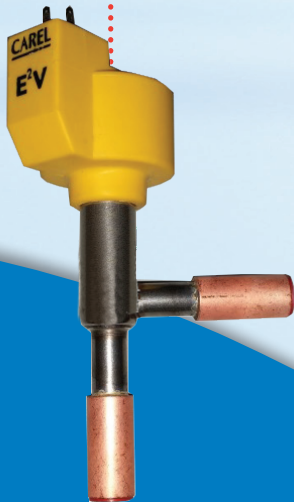


# Quick Response Controller

## 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
LCA640AEQRC6B	LCE635BEQRC6B
LCA651AEQRC6B	LCE643BEQRC6B
LCA662AEQRC6B	LCE665BEQRC6B
LCA672AEQRC6B	LCE676BEQRC6B
LCA690AEQRC6B	LCE694BEQRC6B
LCA6110AEQRC6B	LCE6120BEQRC6B
LCA6135AEQRC6B	LCE6140BEQRC6B
LCA6160AEQRC6B	LCE6160BEQRC6B
LCA6185AEQRC6B	LCE6180BEQRC6B
LCA6215AEQRC6B	LCE6200BEQRC6B
LCA6260AEQRC6B	LCE6240BEQRC6B
LCA6310AEQRC6B	LCE6270BEQRC6B
LCA6350AEQRC6B	



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