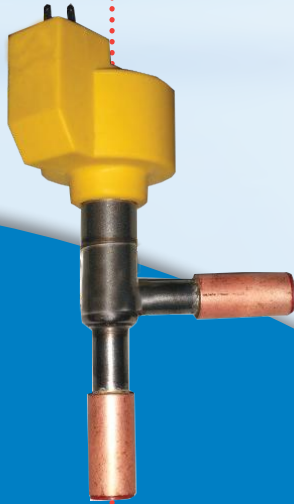


Quick Response Controller

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

RAPID RESPONSE – ELECTRONIC EXPANSION VALVE (EEV)

INTELLIGENT DEMAND DEFROST

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

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

- 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

QRC R-407A/C/F and R-22 Models		QRC R-404A and R-448A/R-449A Models	
Air Defrost 115/1/60 Voltage	Electric Defrost 208-230/1/60 Voltage	Air Defrost 115/1/60 Voltage	Electric Defrost 208-230/1/60 Voltage
LCA640AEQRC2B	LCE635BEQRC2B	LCA640AEQRC6B	LCE635BEQRC6B
LCA651AEQRC2B	LCE643BEQRC2B	LCA651AEQRC6B	LCE643BEQRC6B
LCA662AEQRC2B	LCE665BEQRC2B	LCA662AEQRC6B	LCE665BEQRC6B
LCA672AEQRC2B	LCE676BEQRC2B	LCA672AEQRC6B	LCE676BEQRC6B
LCA690AEQRC2B	LCE694BEQRC2B	LCA690AEQRC6B	LCE694BEQRC6B
LCA6110AEQRC2B	LCE6120BEQRC2B	LCA6110AEQRC6B	LCE6120BEQRC6B
LCA6135AEQRC2B	LCE6140BEQRC2B	LCA6135AEQRC6B	LCE6140BEQRC6B
LCA6160AEQRC2B	LCE6160BEQRC2B	LCA6160AEQRC6B	LCE6160BEQRC6B
LCA6185AEQRC2B	LCE6180BEQRC2B	LCA6185AEQRC6B	LCE6180BEQRC6B
LCA6215AEQRC2B	LCE6200BEQRC2B	LCA6215AEQRC6B	LCE6200BEQRC6B
LCA6260AEQRC2B	LCE6240BEQRC2B	LCA6260AEQRC6B	LCE6240BEQRC6B
LCA6310AEQRC2B	LCE6270BEQRC2B	LCA6310AEQRC6B	LCE6270BEQRC6B
LCA6350AEQRC2B		LCA6350AEQRC6B	



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