



ENERGY MANAGEMENT SYSTEM For Glass Front Coolers

An immediate, cost-effective upgrade lets your existing glass-front cooler “just chill” while you conserve energy—and save money.

A new generation of cool – CM2iQ

With CM2iQ, it’s what’s inside that counts

The new CM2iQ incorporates the innovative, energy-saving CoolerMiser™ technology into a 3” plug-and-play device that installs inside any refrigerated cooler, replacing the mechanical cold control.

With the CM2iQ, achieve maximum energy savings resulting in a reduction in both operating costs and greenhouse gas emissions.

The chill of it all

CM2iQ controls the cooling system in a cooler, allowing the advertising lighting to remain on while in energy-savings mode.

Sales information triggers the cooling system’s transit to and from energy-savings mode - detecting when the door is open. When the cooling system is powered down, the CM2iQ monitors the cold box temperature and automatically re-powers the cooling system.

Heads up

The CM2iQ’s microcontroller will never allow the compressor to be turned on within three minutes of the previous cycle, avoiding high head-pressure starts. The wear and tear on your machines is reduced, extending their lifespan and prolonging your profitability.

Insulated costs

The CM2iQ’s intelligent cooler technology generates maintenance savings through a reduced running time of cooler components. An indicator light on the CM2iQ will alert service personnel if the machine’s cooling system is failing. The CM2iQ’s technology detects evaporator freeze-up and other refrigeration system errors and attempts to correct them without a service call intervention.

The CM2iQ can save you up to 35% on your annual utility costs—that’s typically \$100-\$150 per machine*.



CM2iQ’s inside advantages...

- Quick, inexpensive solution to energy savings and conservation
- Not visible to end-user
- Won’t compromise quality of chilled product
- Extends refrigeration system life of machine
- Early return on investment
- Environmental benefits

CM2iQ Technical Specifications

Electrical Specifications

Input Voltage: 115 Volts (230 Volts available)
 Input Frequency: 50/60 Hz
 Maximum Load: 12 Amps (Steady-State)
 Power Consumption: Less than 1 Watt (Standby)

Environmental Specifications

Operating Temp: -15°C to 50°C (5°F to 122°F)
 Storage Temp: -40°C to 85°C (-40°F to 185°F)
 Relative Humidity: 95% Maximum (Non-Condensing)

Inactivity Timeouts

Occupancy Timeout: Enter into energy savings mode after 15 minutes if compressor is not operating and has not detected sale

Auto Repower: A maximum of 90 minutes after entering energy savings mode.

Compatibility

Slide and swing glass-door Coolers: Any cooler, except those containing perishable goods, not to exceed 12 Amp nameplate rating.

Dimensions

Size: 3.9" x 3.1" x 1.7"
 Weight: 8 oz.

Regulatory Approvals

Safety: UL Recognized,
 File Number E243565

UL Certified for field
 installation into UL
 listed machines,
 File Number SA13135

*Based on lab and field testing on a variety of cooler brands, models and capacities.



Schedule
Contract GS-35F-0031R

