

# CoolerMiser™

ENERGY MANAGEMENT SYSTEM  
For Glass-Front Coolers

Start a cooling trend that saves you money and conserves energy.

**CoolerMiser™ refreshes profits, reduces costs.**

With CoolerMiser, achieve maximum energy savings resulting in a reduction in both operating costs and greenhouse gas emissions. CoolerMiser incorporates its innovative energy-saving technology into a small, plug-and-play powerhouse that installs in minutes.

## Power sense

Compatible with all glass-front coolers that contain non-perishable goods, CoolerMiser's Passive Infrared Sensor (PIR) powers down the machine when the surrounding area is vacant. Then it monitors the room's temperature and periodically re-powers the cooling system to ensure that the product stays cold.

CoolerMiser analyzes the cooler's performance on a cycle-by-cycle basis, constantly responding to changes in load, sales and environment. It then modifies its behavior accordingly, ensuring proper operation and temperature controls.

## This Miser runs the bank

For a bank of coolers, CoolerMiser can use its embedded Sensor Repeater, which allows it to be controlled from the PIR sensor of any other Miser in the bank.

CoolerMiser's electrical current sensor will never power down the machine while the compressor is running, eliminating compressor short cycling. In addition, when the machine is powered up, the cooling cycle is allowed to finish before again powering down. This reduces the wear and tear on your machines, extending the lifespan and prolonging your profitability.

According to current customer results, CoolerMiser can save an average of \$100 per year, per cooler in energy costs. In addition, one CoolerMiser reduces greenhouse gas emissions by 1,600 lbs. of CO<sub>2</sub> and 2,740 grams of NO<sub>x</sub> each year, based on occupancy and the Energy Information Administration's national average of greenhouse gas emissions and electricity generation.



## CoolerMiser offers...

- A quick, inexpensive solution to energy savings and conservation
- Longer machine lifespan
- Environmental benefits
- Early return on investment
- Can control single-, double- and triple-door coolers

## CoolerMiser Technical Specifications

### Electrical Specifications

Input Voltage: 115 Volts  
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 75°C  
Storage Temp: -40°C to 85°C  
Relative Humidity: 95% Maximum (Non-Condensing)

### Compatibility

Slide Coolers: Any cooler, except those containing perishable goods, which do not exceed 12 AMP nameplate rating

### Inactivity Timeouts

Occupancy Timeout: 15 minutes  
Auto Re-power: One to seven hours, dynamically adjusted, based on cooler performance and ambient temperature

### Dimensions

Size: 4.5"W x 1.75"H x 3.25"D  
Weight: 2.2 lbs. (includes power cable)

Other energy-saving products offered by USA Technologies include VendingMiser®, VM2IQ™, SnackMiser™ and PlugMiser™.



Schedule  
Contract GS-35F-0031R



# Frequently Asked Questions

## Will CoolerMiser™ keep my drinks cold?

Absolutely - CoolerMiser™ has been extensively tested in countless field and laboratory environments and does not compromise the for-sale products.

## Is the CoolerMiser™ easy to install?

Yes! CoolerMiser™ is a simple external plug-and-play product. The CoolerMiser™ can be installed on the wall with simple hand tools or it can be attached without tools to the cooler using the new Easy-Install system. The Easy-Install System allows quick installation in 5 minutes.

## Is CoolerMiser™ safe for all machines?

Yes! CoolerMiser™ is compatible with all types of coolers. CoolerMiser™ analyzes the cooler it controls and then modifies its behavior to match the cooler's requirements. In fact, by reducing run time of the machines, CoolerMiser™ reduces the cooler's maintenance costs.

## Are there any locations not appropriate for CoolerMiser™?

CoolerMiser's savings are generated as a result of location vacancy. Therefore, a machine in a location that is occupied 24-hours, 7 days a week will likely generate little savings.

## 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 75°C  
*Storage Temp:* -40°C to 85°C  
*Relative Humidity:* 95% Maximum (Non-Condensing)

### COMPATIBILITY

*Slide Coolers:* Any cooler, except those containing perishable goods, which do not exceed 12 Amp nameplate rating.

### INACTIVITY TIMEOUTS

*Occupancy Timeout:* 15 minutes  
*Auto Repower:* One to seven hours, dynamically adjusted, based on cooler performance and ambient temperature

### DIMENSIONS

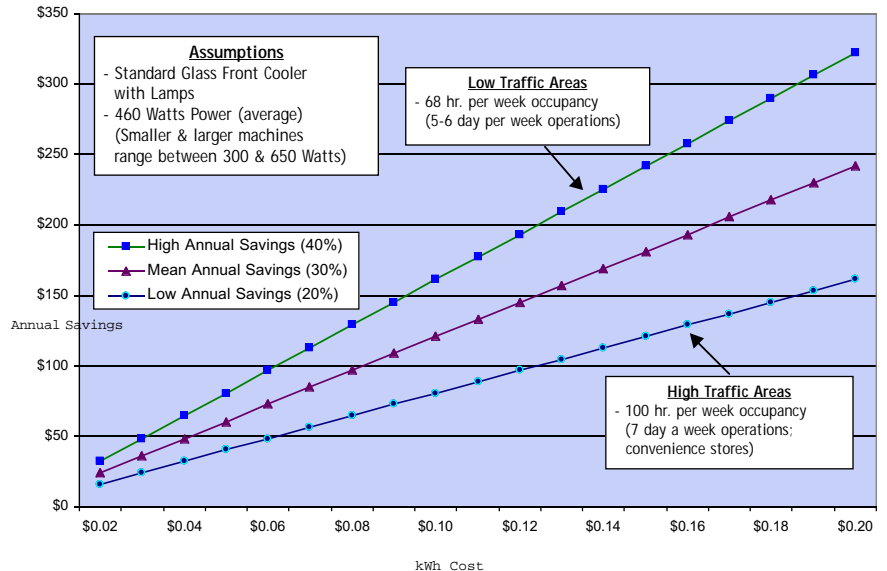
*Size:* 4.5"W x 1.75"H x 3.25"D  
*Weight:* 2.2 lb. (incl. power cable)

### REGULATORY APPROVALS

*Safety:* UL/C-UL Listed  
 Information Technology Equipment (ITE) 9T79



## Typical Saving Generated with CoolerMiser™



## CoolerMiser™ Products

CM150	CoolerMiser with PIR Sensor
CM151	CoolerMiser only
CM170	Easy-Install CoolerMiser with PIR Sensor
CM171	Easy-Install CoolerMiser only

For more information about the CoolerMiser™ by USA Technologies  
 800-770-8539 • [www.usatech.com](http://www.usatech.com)