

CoolerMISER™

“Save Energy, Save Money!”

Bayview's Miser family is a line of occupancy-based energy control technologies. CoolerMiser™ (patented), a new addition to the Miser family, controls glass-front coolers that contain non-perishable goods. Machines suitable for control by CoolerMiser typically have glass sliding doors or pull-open doors. CoolerMiser can operate stand alone or it can be a perfect companion to the powerful VendingMiser®.

CoolerMiser utilizes a **Passive Infrared (PIR) Sensor** to determine occupancy in the area around the cooler. CoolerMiser will power down a cooler when it determines that no one is in the area around the machine. For a bank of coolers, CoolerMiser can utilize its unique embedded Sensor Repeater, which allows it to be controlled from the PIR sensor of any other Miser in the bank. This facilitates a quick and simple installation.

CoolerMiser's unique approach to power management has many advantages:

- **Invisible to the User** — equipment is powered up when the user enters the area, and is powered down when the area is vacant.
- **Powerful** — CoolerMiser can control single, double, and triple door coolers as long as the power rating of CoolerMiser is not exceeded.
- **Intelligent** — CoolerMiser analyzes the cooler's performance on a cycle-by-cycle basis, constantly responding to changes in load, sales, and the environment in which it is located. It then modifies its behavior accordingly, ensuring proper operation.
- **Maintains Product Temperature** — CoolerMiser also monitors ambient temperature and ensures products remain cold.

A cooler's lights and cooling system typically draw an average of 460 Watts, costing approximately \$322 per year to operate at 8¢ per kWh. Powering down such a vending machine when not in use provides an average savings of \$100 per year per machine. Additionally, keeping a cooler powered off, unless the machine is actually needed, lengthens the expected lifetime of the equipment and reduces its exposure to damaging power line spikes. Air conditioning load is also reduced, resulting in further savings. CoolerMiser is proudly made in the USA.



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 such, not to exceed 12 Amp nameplate rating.
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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. (including power cable)

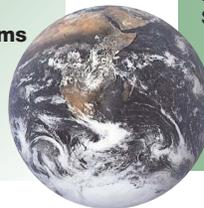
REGULATORY APPROVALS

Safety:	UL/C-UL Listed Information Technology Equipment (ITE) 9T79
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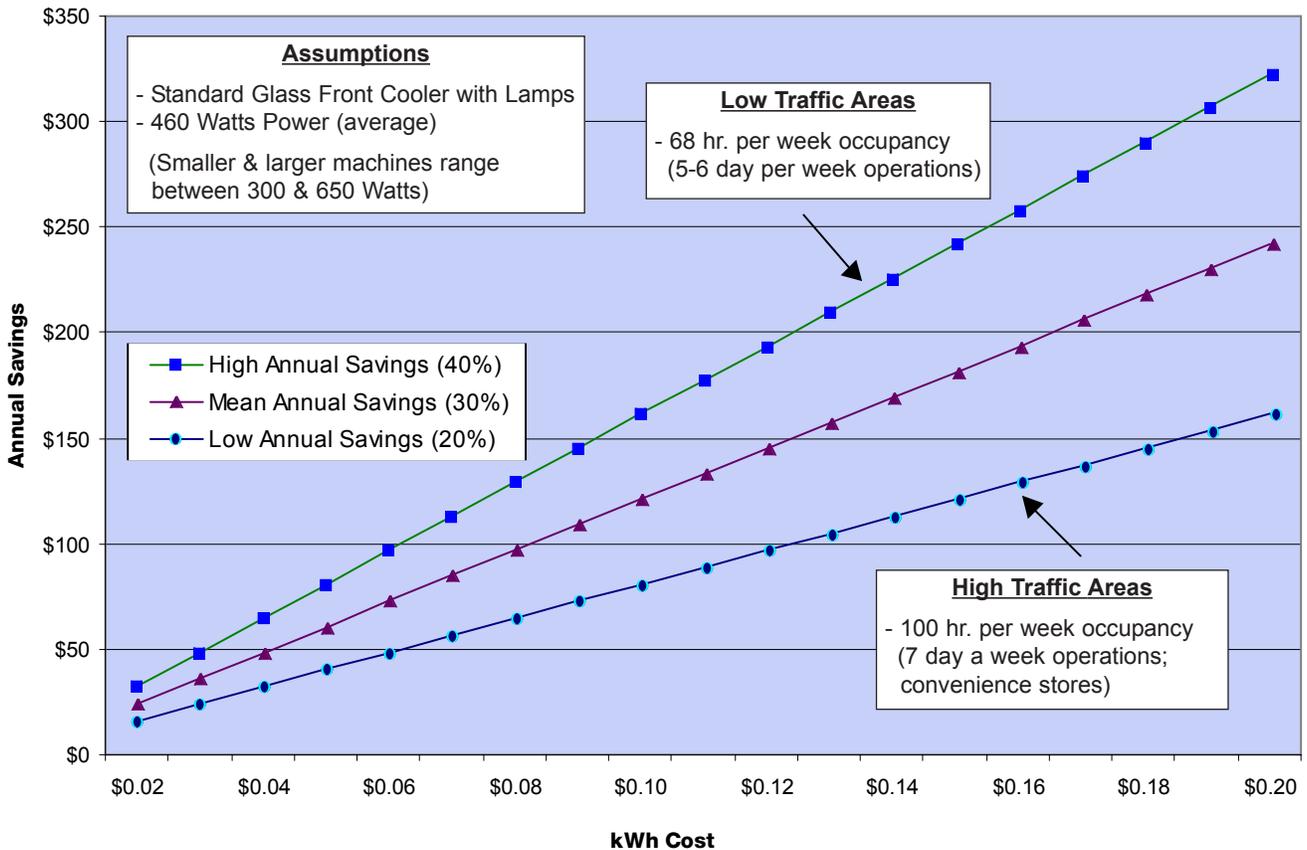
CoolerMisers Benefit the Environment

One CoolerMiser reduces greenhouse gas emissions by 1600 lbs. of CO₂ and 2740 grams of NO_x each year.*

* Based on occupancy and the Energy Information Administration's national average of greenhouse gas emissions and electricity generation.



TYPICAL SAVINGS GENERATED WITH CoolerMISER™



COMMON QUESTIONS ABOUT CoolerMISER™

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. Visit the website at www.bayviewtech.com or contact us for more details.

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 any locations not appropriate for CoolerMiser?

Just one - 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.

ORDERING INFORMATION

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