

CoolerMiser

SAVING ENERGY JUST GOT COOLER



The CoolerMiser™ reduces energy consumption by an average of **31% or \$100 per cooler, per year.***

**Based on electricity rate and occupancy.*

Recommended Installations

Quick Service Restaurants
Concessions
Cafeterias
Hospitals
Seniors Homes
Schools, Colleges & Universities

CoolerMiser Products

CM150

CoolerMiser with PIR Sensor

CM151

CoolerMiser only

CM170

Easy-Install CoolerMiser
with PIR Sensor

CM171

Easy-Install CoolerMiser only

HOW IT WORKS

The CoolerMiser is an occupancy-based energy control product that controls glass-front coolers containing non-perishable goods.

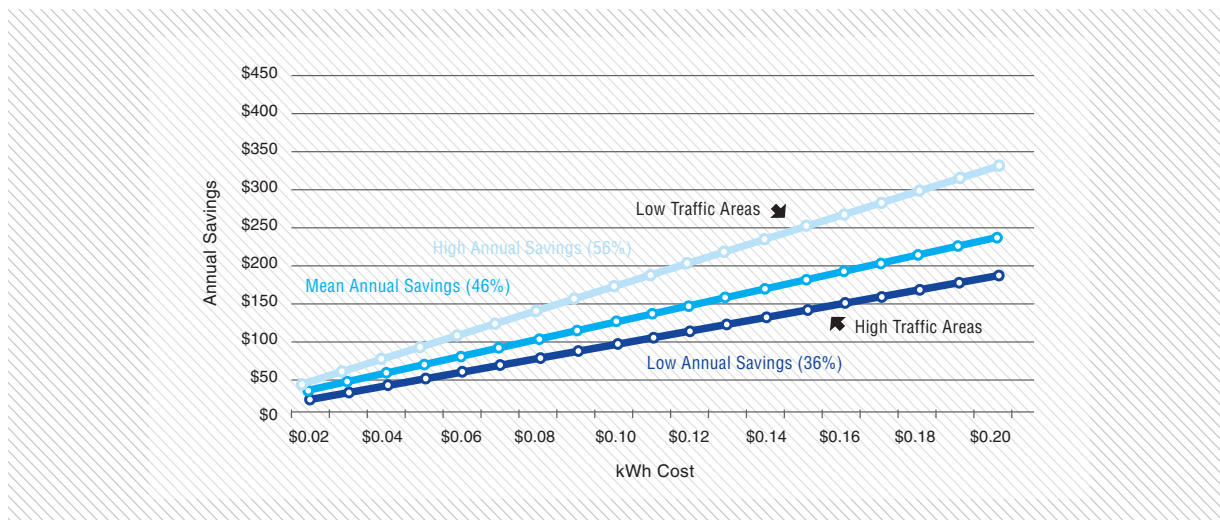
It uses a Passive Infrared (PIR) Sensor to determine occupancy in the area around the cooler and will power down the cooler when no one is in the area. The room's temperature is constantly monitored and the CoolerMiser will periodically repower the cooler to ensure that the products stay cold. There's no concern for compressor short cycling as the CoolerMiser never powers down when the compressor is running.

MAJOR BENEFITS

- Energy savings
- Simple installation process—plug and play
- Longer machine lifespan
- Yearly maintenance savings
- Return on investment between one and two years
- Can control single-, double- and triple-door coolers
- Compatibility in daily energy performance to ENERGY STAR® qualified machines
- Tested and accepted for use by major bottlers

DATA ANALYSIS

Typical Savings



Assumptions

- Standard glass front cooler with Lamps
- 460 Watts Power (average)
(smaller and larger machines range from 300 and 650 Watts)

Low Traffic Areas

68 hr. per week occupancy
(5–6 day per week operations)

High Traffic Areas

100 hr. per week occupancy
(7 day per week operations; convenience stores)

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)

Inactivity Timeouts

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

Environmental Specifications

Operating Temp -15°C to 75°C
 Storage Temp -40°C to 85°C
 Relative Humidity 95% Maximum
 (Non-Condensing)

Dimensions

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

Compatibility

Vending Machines Any cooler
 (except those containing perishable goods, which do not exceed 12 Amp nameplate rating)

Regulatory Approvals

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

