Improve the profitability of your existing cold drink machines. Vending Miser® puts you on a cost-effective refresher course for energy savings and conservation.

ENERGY MANAGEMENT SYSTEM
For Refrigerated Vending Machines

VendingMiser cuts energy costs down to size

VendingMiser incorporates its innovative energy-saving technology into a small, plug-and-play powerhouse that installs in minutes either on the wall or on the vending machine. It's that easy.

With VendingMiser there's no need to have new machines to achieve maximum energy savings resulting in a reduction in operating costs and greenhouse gas emissions. When equipped with the VendingMiser, refrigerated beverage vending machines use less energy and are comparable in daily energy performance to new ENERGY STAR® qualified machines.

Power play

Compatible with all types of cold drink vending machines, the VendingMiser uses a Passive Infrared Sensor (PIR) to power down the machine when the area surrounding it is vacant. Then it monitors the room's temperature and automatically re-powers the cooling system at one- to three-hour intervals, independent of sales, to ensure that the product stays cold.

This Miser runs the bank

For a series of up to four machines, VendingMiser can use its embedded Sensor Repeater, which allows it to be controlled from the PIR sensor of any other Miser in the bank.

Refresher course

Vending Miser's microcontroller 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.

Maintenance savings is generated through reduced running time of vendor components – estimated at $40 - $80per year, per machine. The VendingMiser has been tested and accepted for use by major bottlers.

Vending Miser offers…
- A quick, inexpensive solution to energy savings and conservation
- Longer machine lifespan
- Early return on investment
- Environmental benefits

VendingMiser can also control other cooled product vending machines, such as refrigerated candy machines.

Specifications

Input Voltage	115V
Input Frequency	50/60 Hz
Max Load	12 Amps (Steady-State)
Wattage	<1 Watt (Standby)
Operating Temp	-15°C to 75°C
Storage Temp	-40°C to 85°C
Relative Humidity	95% Max (Non-condensing)
Occupancy Timeout	15 Minutes
Auto Re-power	1-3 Hrs. (Based on ambient temp)
Size	4.5"W x 1.75"H x 3.25"D
Weight	2.2 lbs. (Includes power cable)
Safety	UL/C-UL Listed
Compatibility Vending Machines: Any machine, except those containing perishable goods such as dairy products	

VendingMiser reduces energy consumption an average of 46%—typically *$150 per machine.*

Frequently Asked Questions

Will VendingMiser® keep my drinks cold?
Absolutely - VendingMiser® has been tested and accepted for use by both major bottlers.

Is the VendingMiser® easy to install?
Yes! VendingMiser® is a simple external plug-and-play product. The VendingMiser® can be installed on the wall with simple hand tools or it can be attached to the vending machine without tools using the new Easy-Install system. The Easy-Install System allows quick installation in 5 minutes.

Is VendingMiser® safe for all machines?
Yes! VendingMiser® is compatible with all types of cold drink vending machines. In fact, by reducing run time of the machines, VendingMiser® reduces maintenance costs.
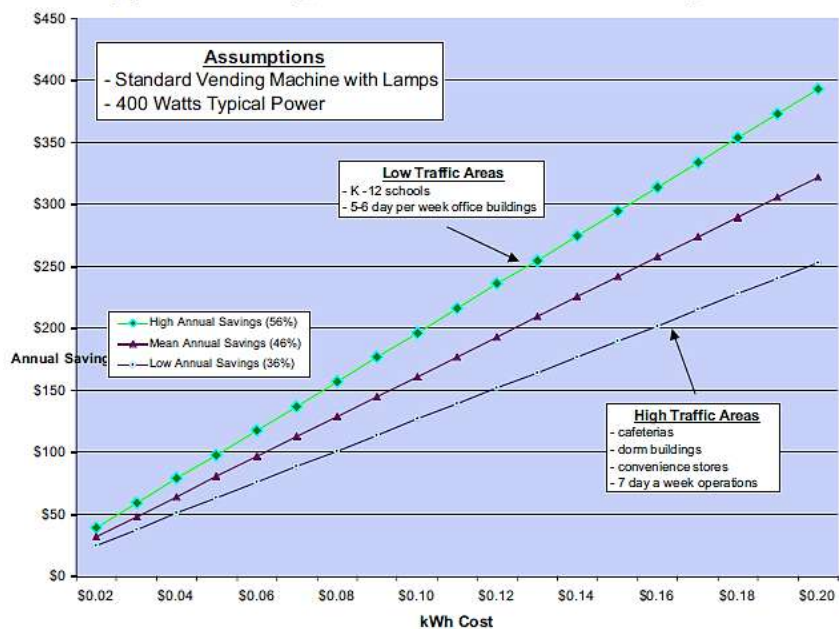
Has VendingMiser® been field tested?
Tens of thousands of VendingMisers® are operational in the field. Typical energy savings have been independently documented to be between 35% and 45%. Measurement and verification test results as well as testimonials are available on the website.

Are there any locations not appropriate for VendingMiser®?
VendingMiser'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. Our VM2IQ is more appropriate for this type of location and will typically save up to 35% energy use.

Typical Saving Generated with VendingMiser®

Assumptions
- Standard Vending Machine with Lamps
- 400 Watts Typical Power

Low Traffic Areas
- K -12 schools
- 5-6 day per week office buildings

High Annual Savings (56%)
Mean Annual Savings (46%)
Low Annual Savings (36%)

High Traffic Areas
- cafeterias
- dorm buildings
- convenience stores
- 7 day a week operations

VM150 VendingMiser® with PIR Sensor
VM151 VendingMiser® only
VM160 Weatherproof VendingMiser® with PIR Sensor
VM161 Weatherproof VendingMiser® only
VM170 Easy-Install VendingMiser® with PIR Sensor
VM171 Easy-Install VendingMiser® only
VM180 Weatherproof Easy-Install VendingMiser® w/PIR sensor
VM181 Weatherproof Easy-Install VendingMiser® only