

# VendingMiser®

## ENERGY MANAGEMENT SYSTEM For Refrigerated Vending Machines

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

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 purchase new machines to achieve maximum energy savings resulting in a reduction in operating costs and greenhouse gas emissions.

### 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

VendingMiser'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 - \$80 per year, per machine. The VendingMiser has been tested and accepted for use by major bottlers.

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



### 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.

### VendingMiser 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

Vending Machines: Any machine, except those containing perishable goods such as dairy products

#### Inactivity Timeouts

Occupancy Timeout: 15 minutes  
Auto Re-power: One to three hours, dynamically adjusted, based on ambient temperature

#### Dimensions

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

#### Regulatory Approvals

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

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

