



# ENERGY MANAGEMENT SYSTEM For Vending Machines

**A new generation of VendingMiser® technology, the VM2iQ is an immediate, cost-effective and energy-efficient upgrade to existing installed vending machines.**

With VM2iQ, it's what's inside that counts. The VM2iQ incorporates the innovative, energy-saving VendingMiser technology into a 3" plug-and-play device that installs inside your vending machines. It's that simple.

With VM2iQ 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 VM2iQ, refrigerated beverage vending machines use less energy and are comparable in daily energy performance to new ENERGY STAR® qualified machines.

**Power down, profits up**

The VM2iQ controls the machine's cooling system, allowing the advertising lighting and controller electronics to stay on while the machine is in energy savings mode.

**Cool change**

Sales information triggers the cooling system's transit to and from energy savings mode. While the cooling system is powered down, the VM2iQ monitors the room's temperature and automatically re-powers the cooling system at 1-to-2.5 hour intervals - independent of sales - to ensure that the product stays cold.

**Turn off**

The VM2iQ's microcontroller will never allow the compressor to be turned on within three minutes of the previous cycle, avoiding high head-pressure starts - even if installed in machines with mechanical cold controls. The wear and tear on your machines is reduced, extending the lifespan and prolonging your profitability.

**Utility Player**

The VM2iQ's intelligent vending technology generates maintenance savings through a reduced running time of vendor components - estimated at \$40-\$80 per year.

**The VM2iQ can save you up to 35% on your annual utility costs—that's typically \$100-\$150 per machine.**



**VM2iQ's inside advantages...**

- Quick, inexpensive solution to energy savings and conservation
- Not visible to end-user
- Won't compromise delivery of vended product
- Prolongs lifespan of the machine by reducing wear and tear
- Early return on investment
- Environmental benefits

**VM2iQ 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 50°C (5°F to 122°F)  
Storage Temp: -40°C to 85°C (-40°F to 185°F)  
Relative Humidity: 95% Maximum (Non-Condensing)

**Compatibility**

Any vending machine, except those containing perishable goods

**Timeouts**

1-2.5 hours

**Dimensions**

Size: 3.9" x 3.1" x 1.7"  
Weight: 8 oz.

**Regulatory Approvals**

**Safety:** UL Recognized, File Number E243565  
UL Certified for field installation into UL listed machines, File Number SA13135

