

# SnackMiser™

ENERGY MANAGEMENT SYSTEM  
For Snack Vending Machines

The power behind the profits...

**SnackMiser™ puts the power of savings into your environment.**

With SnackMiser, your current snack venders can achieve maximum energy savings resulting in a reduction in both operating costs and greenhouse gas emissions. Compatible with non-refrigerated snack vending machines, SnackMiser incorporates innovative, energy-saving technology into a small, plug-and-play unit that installs in minutes.

### A Practical approach to power

SnackMiser uses a Passive Infrared Sensor (PIR) to determine if there is anyone within 25 feet of the machine. It waits for 15 minutes of vacancy, then powers down the machine. If a customer approaches the machine while powered down, SnackMiser will sense the presence and power up immediately. In addition to reducing energy costs, this practical power play lengthens the expected lifetime of your machine and reduces its exposure to power line spikes.

On average, SnackMiser reduces energy consumption annually per machine by \$50 and CO2 emissions by 470 lbs. and 770 grams of NOx, based on occupancy and the Energy Information Administration's national average of greenhouse gas emissions and electricity generation.

### This Miser runs the bank

For a bank of machines, SnackMiser can use its embedded Sensor Repeater, which allows it to be controlled from the PIR sensor of any other Miser in the bank. SnackMiser can stand alone or be an ideal partner for VendingMiser®.



### SnackMiser offers...

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

#### SnackMiser Technical Specifications

##### Electrical Specifications

Input Voltage: 115 Volts  
Input Frequency: 50/60 Hz  
Maximum Load: 1050 Watts (Steady-State)  
Power Consumption: Less than 1 Watt (Standby)

##### Environmental Specifications

Operating Temp: 0°C to 50°C  
Storage Temp: -20°C to 60°C  
Relative Humidity: 95% Maximum (Non-Condensing)

##### Compatibility

Snack Vending Machines: Any type, as long as SnackMiser's maximum power rating is not exceeded

##### Inactivity Timeouts

Occupancy Timeout: 15 minutes

##### Dimensions

Size: 4.5"W x 1.75"H x 3.25"D  
Weight: 2 lbs. (includes power cable)

##### Regulatory Approvals

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



Schedule  
Contract GS-35F-0031R



# Frequently Asked Questions

## How Does SnackMiser™ Work?

SnackMiser™ uses a PIR sensor to determine if there is anyone within 25 feet of the machine. SnackMiser™ waits for 15 minutes of vacancy and then powers off the snack machine. If a customer approaches the snack machine while powered down, SnackMiser™ will sense the person’s presence and power up immediately.

## Will SnackMiser™ affect the lifetime of the lights in my machine?

The replacement frequency of the fluorescent lamps will be reduced. While it is true that power cycling fluorescent lamps will shorten their life, the hours that the machine is powered down greatly exceeds this reduction in burn hours. The net effect is that the lamps will need replacement less often.

## Are there any locations not appropriate for SnackMiser™?

A machine in a location that is occupied 24-hours, 7 days a week will likely generate little savings.

## Is the SnackMiser™ easy to install?

Yes. The SnackMiser™ can be installed on the wall with the supplied bracket holder or it can be attached to the snack machine using the new Easy-Install system. Because many SnackMisers™ are installed with a VendingMiser®, sensor installation might not even be needed.

## Technical Specifications

### ELECTRICAL SPECIFICATIONS

*Input Voltage:* 115 Volts (230 Volts available)  
*Input Frequency:* 50/60 Hz  
*Maximum Load:* 1050 Watts (Steady-State)  
*Power Consumption:* Less than 1 Watt (Standby)

### ENVIRONMENTAL SPECIFICATIONS

*Operating Temp:* 0°C to 50°C  
*Storage Temp:* -20°C to 60°C  
*Relative Humidity:* 80% Maximum (Non-Condensing)

### COMPATIBILITY

*Snack Machines:* Any type, as long as SnackMiser’s maximum power rating is not exceeded

### INACTIVITY TIMEOUTS

*Timeout Period:* 15 minutes

### DIMENSIONS

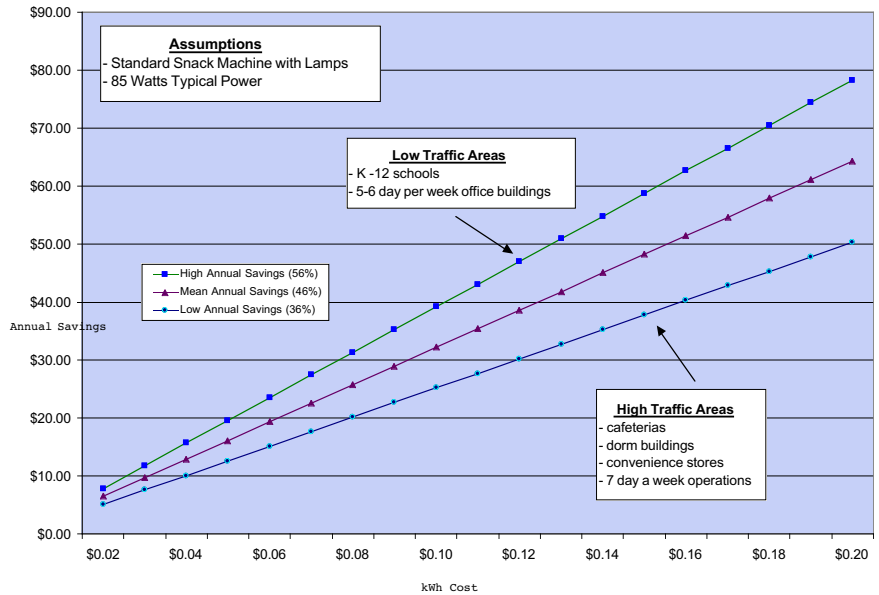
*Size:* 4.5"W x 1.75"H x 3.25"D  
*Weight:* 2 lb. (incl. power cable)

### REGULATORY APPROVALS

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



## Typical Saving Generated with SnackMiser™



## SnackMiser™ Products

SM150	SnackMiser with PIR Sensor
SM151	SnackMiser only
SM170	Easy-Install SnackMiser with PIR Sensor
SM171	Easy-Install SnackMiser only