

PlugMISER™

“Save Energy, Save Money!”

Bayview's Miser family is a line of occupancy-based energy control technologies. Miser products utilize a custom **Passive Infrared (PIR) Sensor** to power down electrical equipment when not in use. PlugMiser™ saves energy on all types of plug loads, such as video arcade games, computer monitors, task lights, radios, copiers, personal printers, space heaters, and more. The equipment will automatically power back up when someone approaches it. PlugMiser's built in Sensor Repeater allows banks of equipment to be controlled with multiple PlugMisers using only one PIR sensor. PlugMiser can be combined with any other Miser family product.

PlugMiser's unique approach to power management has many advantages:

- **Invisible to the User**—equipment is powered up when the user enters the area, and powers down when the area is vacant.
- **Continuously Running Plug Loads Can Finally Be Controlled**—the PlugMiser controls nearly any plug-in piece of electrical equipment such as video arcade games, task lights, personal printers, etc.
- **Shared Plug Loads Can Be Controlled**—community loads such as copiers and vending machines can easily be controlled using PlugMiser's 1, 2, or 3 hour timeout.
- **Rugged 12A Capacity**—PlugMiser can control large loads.
- **Easy to Install**—PlugMiser's PIR sensor has a universal mount, a built-in, selectable power down delay, and an automatic 30 second power down delay for easy installation verification.

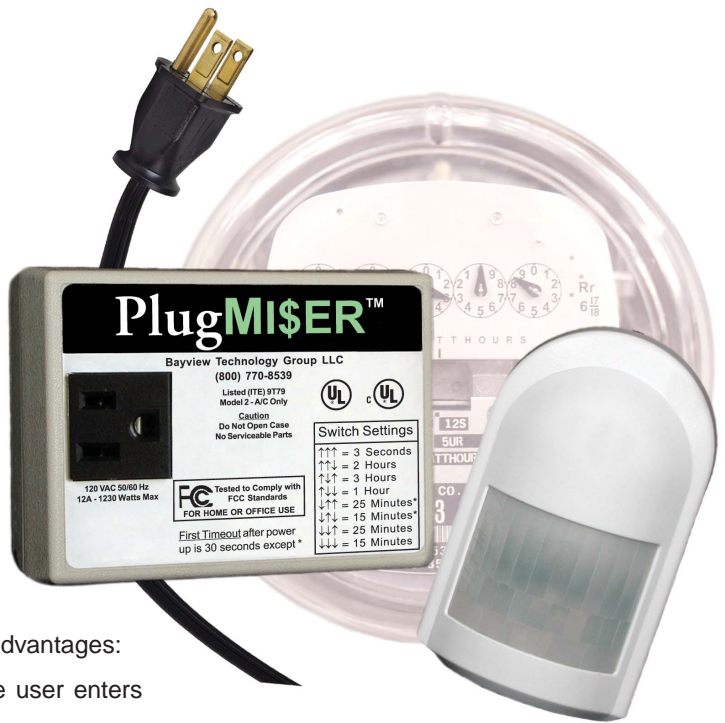
Electronic arcade games can draw up to 500 Watts, a pair of office task lights typically draw over 70 Watts, and a computer monitor draws between 80 and 240 Watts. Other office equipment will further increase power consumption. Powering this load down when not needed can result in savings of over \$120 per year per office.

Keeping electronic equipment powered off when not in use lengthens the expected lifetime of the equipment. Air conditioning load is also reduced, resulting in further savings. PlugMiser's 1230 Watt capacity ensures that a large assortment of loads can be safely controlled. PlugMiser is proudly Made in the USA.

PlugMisers Benefit the Environment

One PlugMiser can reduce greenhouse gas emissions by 1200 lbs. of CO₂ and 2050 grams of NO_x each year.*

* Based on equipment drawing 225 Watts, occupancy and the Energy Information Administration's national average of greenhouse gas emissions and electricity generation.



Technical Specifications

ELECTRICAL SPECIFICATIONS

Input Voltage: 115 Volts
 Input Frequency: 50/60 Hz
 Maximum Load: 1230 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

Electrical Devices: Any type, as long as PlugMiser's maximum power rating is not exceeded

INACTIVITY TIMEOUTS

Timeout period: 3 Seconds (Test Mode)
 15 Minutes*; 25 Minutes*
 1 Hour; 2 Hours; 3 Hours

* = available w or w/o 30 second initial timeout

DIMENSIONS

Size: 4.5"W x 1.75"H x 3.25"D
 Weight: 2 lb. (including power cables)

REGULATORY APPROVALS

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



www.MyMeterStore.com

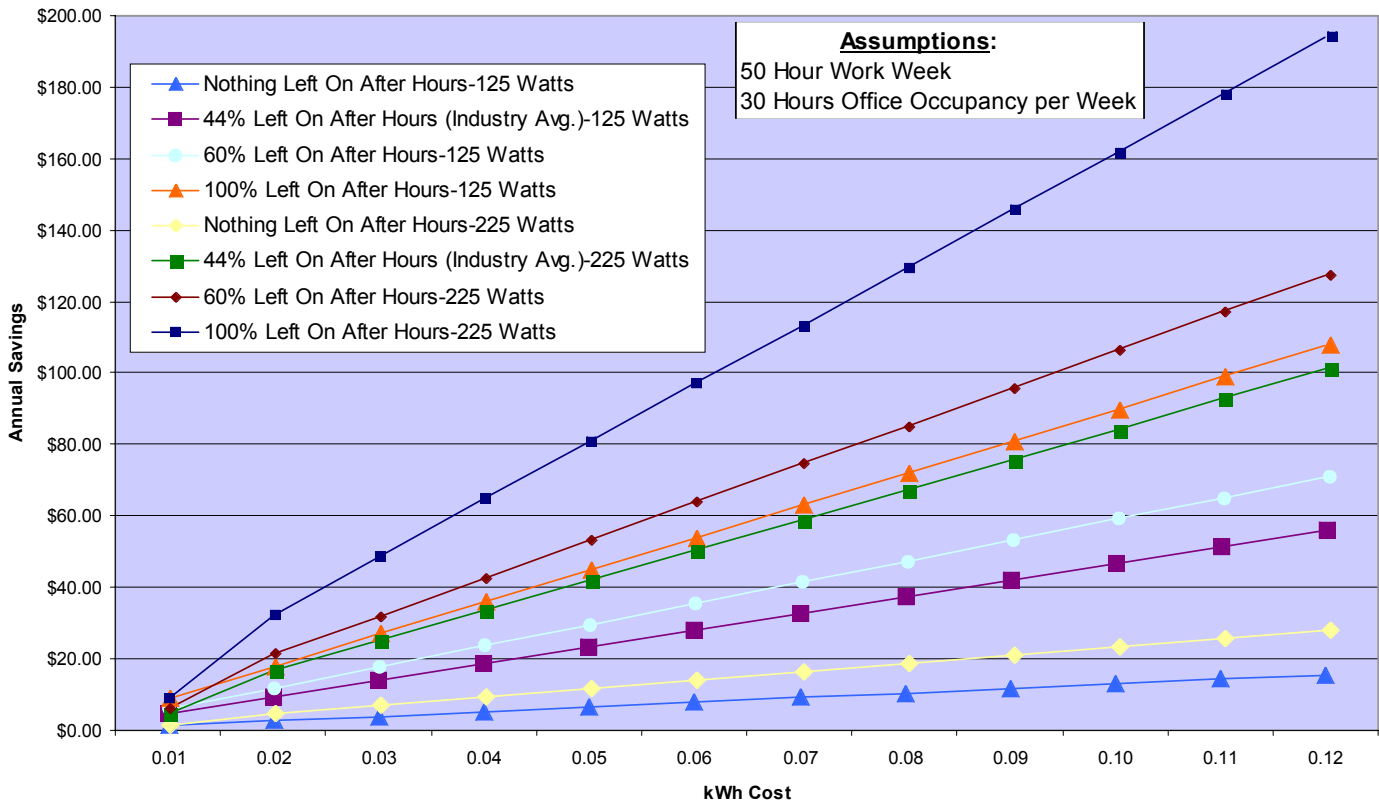


OPTIMUM ENERGY PRODUCTS LTD.™

POWERful SOLUTIONS

333, 11979 - 40th Street S.E. Calgary, Alberta T2Z 4M3 Toll Free 877-766-5412 Main 403 256-3636 Fax 403-256-3431

TYPICAL SAVINGS GENERATED WITH PlugMISER™



COMMON QUESTIONS ABOUT PlugMISER™

Can I use PlugMiser to control my computer monitor?

Yes - PlugMiser is a hardware only solution to powering down idle computer monitors, and therefore independent of any operating system or software on your computer.

How can I use PlugMiser in a typical modular office?

Modular offices represent a challenge for occupancy based energy controls, because these types of offices are not always closed off from other potential sources of false trigger. If your office has four walls which are each higher than 5 feet, then the PlugMiser should work fine. If the walls are lower, or only two or three walls are present, an activity based solution such as MonitorMiser Plus is a better solution.

Can I use PlugMiser to control my copiers?

PlugMiser is capable of controlling copiers as long as the power requirement of the copier does not exceed 12 Amps steady state. When using PlugMiser on copiers, use the 2 or 3 hour

timeout as demanded by the activity near the copier. The copier will stay powered on during the day, so no one is inconvenienced by the warm up delay of a copier that has been turned off.

What else can I use PlugMiser to control?

PlugMiser is a powerful tool for controlling all types of plug loads that can be controlled independent of their state, such as electronic games, personal heaters, radios, task lights, etc. Load which cannot be turned off randomly, such as computer systems, cannot be controlled.

ORDERING INFORMATION

PM150	PlugMiser with PIR Sensor
PM151	PlugMiser only
PM190	PlugMiser with PIR Sensor, special mounting bracket
PM191	PlugMiser only, special mounting bracket

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