FREQUENTLY ASKED QUESTIONS

- If the VendingMiser turns my machines off, won’t my drinks get warm? How does it work?
- Should I start with just a few VendingMisers and see how they work?
- I have drink machines adjacent to one another. Do I need sensors for all my machines?
- How do you install a VendingMiser or SnackMiser?
- I have drink machines outside, and other types of vending machines, too. Will this VendingMiser program cover those, too?
- Will my vending machine company let me do this?

If the VendingMiser turns my machines off, won’t my drinks get warm? How does it work?

The VendingMiser is equipped with an occupancy sensor and a temperature monitor. Together, these components work to lower energy consumption while ensuring that the products stay cold and the machine lights stay on when occupants are in the surrounding area. When the surrounding area is unoccupied for 15 minutes, the VendingMiser will place the machine into an energy saving mode for 1-3 hours. This mode allows the compressor to run at a slightly less frequent but regular cycle, keeping drinks cold, but saving you energy. The VendingMiser will turn on the machine and its lights when someone enters the area. The VendingMiser ensures that the compressor runs only as necessary to keep products cold. This process reduces the number of compressor cycles, reducing maintenance costs, and extending the life of the vending machine.

Should I start with just a few VendingMisers and SnackMisers and see how they work?

The energy savings from VendingMisers and SnackMisers have been tested and verified across the country. As such, CERTs recommends that you take advantage of this bulk-buy opportunity and purchase VendingMisers for all your machines. If you would like copies of additional studies (beyond those included on our campaign page at [http://miser.mncerts.org](http://miser.mncerts.org)) please contact CERTs directly. We are happy to provide you with additional detail and documentation.

I have drink and snack machines adjacent to one another. Do I need sensors (VM 170/150 or SM 170/150) for all my machines?

No. When machines are close together, you only need a single sensor. EnergyMisers LLC suggests using a sensor on one machine (e.g. your drink vending machine), and connecting the other drink vending machines and snack machines to that sensor using a repeater cable (VM 171 or SM 171) (essentially a telephone cord). This setup allows the machines to work together and stagger turn-on times to prevent circuit overloads.
How do you install a VendingMiser or SnackMiser? How do you install the repeater cables?
The VendingMiser (VM 170) and SnackMiser (SM 170) are very easy to install.

1) Adhere the VendingMiser/SnackMiser (VM 170/SM 170) to the back of the vending machine with adhesive and Velcro, included with your VendingMiser/SnackMiser.
2) Plug the vending machine power cord into the Miser (a cord with an outlet is attached to each Miser).
3) Plug the VendingMiser’s/SnackMiser’s power cord into the wall outlet.
4) If you are installing a second VendingMiser/SnackMiser (VM 171 or SM 171) with a repeater cable:
   a. Adhere the VendingMiser/SnackMiser (VM 171/SM 171) to the adjacent machine(s).
   b. Plug the repeater cables into the primary VendingMiser/SnackMiser (VM 170/SM170).

The VendingMisers/SnackMisers should begin operating immediately. The most difficult part of installation is moving the machine out from the wall to access the back, but the average person should be able to move the machine just enough to get behind it. Most have said it takes less than 3 minutes to install a VendingMiser. For full instructions, see “VM170 and VM171 Installation Instructions” or “SM170 and SM171 Installation Instructions” on the campaign webpage at [http://miser.mncerts.org](http://miser.mncerts.org).

I have drink machines outside, and other types of vending machines, too. Will this VendingMiser program cover those, too?
EnergyMisers, LLC sells numerous types of VendingMisers for any type of machine. CERTs VendingMiser Bulk-Buy Program encourages you to visit with EnergyMisers, LLC about your other machines. Outdoor machines in particular pose certain challenges. You can contact Bill Bieganek of EnergyMisers, LLC directly at bill@energymisers.biz.

I lease my vending machine. Will my vending machine company let me do this?
Yes, they should. The VendingMiser is an external device, which does not tamper with the vending machine equipment. PepsiCo and Coca-Cola have approved the application of VendingMisers on their machines. It may be important, however, to notify delivery staff or post information signs about VendingMisers so they are not mistakenly removed or tampered with. (CERTs has designed signs for this purpose on our campaign page at [http://miser.mncerts.org](http://miser.mncerts.org)).

Contact Us
For additional questions regarding the bulk-buy program and signing up, please contact CERTs:
vendingmiser@cleanenergyresourceteams.org.

For questions about EnergyMisers, LLC or the USA Technologies VendingMiser, you may contact Bill Bieganek with EnergyMisers, LLC at bill@energymisers.biz.