

# Load Control Option

## Class 3000 Meters

**E-Mon D-Mon**

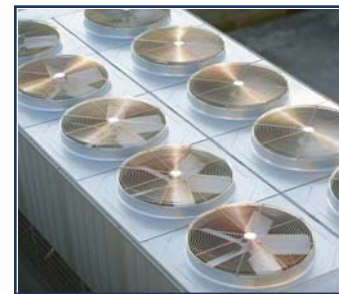
Energy Monitoring Products & Systems



Building owners and managers want monitoring and load control capabilities but do not have the financial or personnel resources to manage a full-scale load management system. With the E-Mon D-Mon Class 3000 load control option, users now have a cost effective, easy-to-use solution for controlling individual loads.

The load control option is designed to operate at user selectable high and low set points providing users with the capability to reduce electrical (kilowatt) demand. By proper selection of the high kW limit, the Class 3000 meter can be used to shave expensive electrical demand peaks by shedding loads or activating a local generator. The low kW limit point will allow the load to return to normal operating power independently as pre-set parameters are met.

A user selectable timing feature will delay activation to eliminate short term “nuisance” functioning, such as a short term motor start or compressor burden. Once activated, the relay has a second user selectable timer (hold control) which keeps this relay active if the load falls below the low set point immediately after operation. This is designed to prevent short time cycling that could occur in the control of an HVAC compressor.



### Load Control Features

(see Class 3000 meter spec for standard features.)

- Program via four easy-to-use internal buttons.
- Lockable enclosure prevents unauthorized access.
- Displayed values include:
  - High and low threshold setpoints.
  - Timer settings.
  - “Real-time” load in kilowatts.
- Three-screw terminal block for easy connection to controlled load.

For complete information on the load control option for Class 3000 meters contact E-Mon at (800) 334-3666 or visit [www.emon.com](http://www.emon.com).

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