

Save big on energy without compromising guest comfort.



EMRT1, EMWRT1




FriedrichLink® For Lodging

Introducing the new energy management solution for Friedrich PTAC and Vert-I-Pak®.

Friedrich's EMRT1 and EMWRT1 thermostats -

- Use real-time occupancy detection to save energy. When the room is unoccupied, the thermostat automatically adjusts the temperature to eliminate unnecessary heating and air-conditioning.
- Offer comprehensive remote management website allowing facility managers to monitor and configure the Friedrich EMWRT1 thermostats on the internet*.
- Are pre-configured with 5 distinct energy savings presets. Based on years of experience of proven energy savings in thousands of hotel rooms, these energy saving presets allow the thermostats to maximize energy savings without compromising guest comfort as stand alone units or as part of a remotely managed energy management system.
- Offer effortless Installation - Wireless Thermostats connect to the unit via a wireless receiver, for installations where thermostat wiring is not available. Wired Thermostats use standard thermostat wiring to connect to the unit making it easy to simply replace an existing thermostat.
- Offer extraordinary energy savings - Hospitality properties with this technology on average reduce their guest-room HVAC energy consumption by more than 40%**

*Optional/Requires an optional "Online Connection Kit" and a one-time license fee.

**based on data from actual properties using such technology.

Energy Saving Features

Fully configurable energy saving modes maximize energy savings without compromising guest comfort.

Temperature Setback automatically adjusts the temperature when the room is unoccupied in order to save energy.

Temperature Recovery calculates the setback temperature so that the desired temperature can be restored within specified time.

Setback Optimization continuously monitors temperature recovery rate in the room and adjusts setback temperature to maximize energy savings.

Setback Limits allow maximum and minimum room temperature to be set when the room is unoccupied.

Set Point Limits prevent guests from setting room temperature to extreme, energy-wasting levels.

Friedrich Energy Management Thermostats

EMRT1 / EMWRT1



Built-in Occupancy Sensor (Motion & Thermal Sensing)

Integrated Occupancy Sensor uses a combination of motion and thermal sensing technologies for accurate occupancy detection at all times - no need to install additional devices such as door switches or sensors.

Night Occupancy

Mode ensures guest comfort at night - unlike other occupancy detection devices, Friedrich thermostats will not turn off heating or air conditioning in the middle of the night while guests are asleep.

Intelligent Occupancy Analysis

Differentiates between incidental and guest occupancy to completely eliminate unnecessary energy use.

5 Energy Savings Presets

5 distinct energy saving modes make it easy to choose the optimal energy saving settings for any property.

Advanced Energy Savings Features

Auto Changeover • Temperature Setback • Temperature Recovery
Setback Optimization • Setback Limits • Setpoint Limits

Built-in Wireless Networking

Wireless Networking enables remote management without using or interfering with property's existing wireless infrastructure. True mesh networking eliminates the need for additional networking equipment such as signal repeaters or multiple data collection boxes.

Wired or Wireless Installation

Thermostats:

EMRT1:

Wired thermostat with occupancy sensor.

EMWRT1:

Wireless version of EMRT1.

Energy Management Accessories:

EMOCT: (1 per property)

Online connection kit-box of hardware including networking gear.

EMRAF: (1 per unit)

Remote access fee.



EMOCT

Comprehensive Remote Management*

Web-based remote management provides a comprehensive solution for remote monitoring and configuration from any computer with internet access.

Built-in Wireless Networking enables remote management without using or interfering with property's existing wireless infrastructure. True mesh networking eliminates the need for additional networking equipment such as signal repeaters or multiple data collection boxes.

Room Status displays operation, occupancy and energy efficiency status of each room.

Room Detail displays temperature and occupancy changes in a room.

Energy Reports monitor energy use and can even evaluate the performance of energy saving features.

Intuitive Interface makes it easy to apply different settings to different rooms.

User Management allows configuration of custom access permissions and alert notification settings for different users.

Built-in Diagnostic Tools automatically send email alert notifications to hotel staff.

SPECIFICATIONS	
Case Dimensions	5.125" x 4.6875" x 1.25"
Screen Dimensions	3.625" x 2.215"
Operating Voltage	24V AC/DC
Occupancy Sensor Beam Width	±85° (170°)
Wireless Frequency	900MHz
FCC ID	XEYVX
IC	8410A-VX

*Optional/Requires an optional "Online Connection Kit" and a one-time license fee.

