

Advanced Wireless RF HVAC Control and Energy Management System (WEMS)

Highlights of the EE-RX and EE-RXS Series of Controllers include

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| <ul style="list-style-type: none"> • Wireless RF Technology • Fail-Safe Operation • Entry Door Control • Deep Setback Function (DSB) • Table Setback Temperature Feature (TST) • EERX Controller (High/Low Voltage Applications) • LiMnO2 Transmitter Batteries • EEPROM IC with "Memory Chip" | <ul style="list-style-type: none"> • Multiple Sensor Loops • Simple Humidity Control • Balcony/Lanai/Window Door Control • Deep Setback II Function (DSB II) • Climate Logic • EERXS Controller (Switching Power Supply) • Easy Jumper Settings Selection • 2 Year Limited Warranty |
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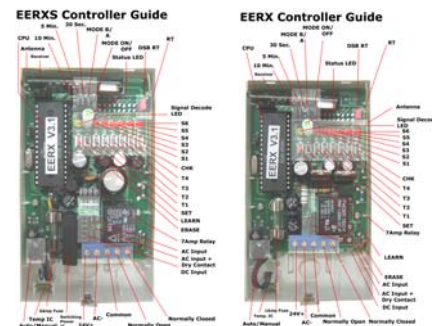


Product Description

The Energy Eye EE-RX and EE-RXS Series of HVAC Controllers have been consistently improved through the latest V3 family of software and hardware architecture. These product series of autonomous HVAC Controllers are feature rich with settings and adjustments in order to offer the most flexible, efficient and economic solution for Wireless Energy Management.

By using a combination of Wireless Radio Frequency (RF) Door Sensors, Window Sensors, Passive Infrared (PIR) Motion Detectors and Intelligent Logic Receiver/Controllers the Energy Eye Product line can significantly improve HVAC efficiency. Temperature setback programs reduce HVAC work duty during un-occupied periods. HVAC duty cycle reduction of up to 50% is possible with total project savings in the 10% to 40% range being common.

Wireless RF transmitters use Patent Pending algorithms and Integrated Circuit (IC) based processors to create robust and reliable transmissions even in busy working environments. These sensors have been successfully used in a wide range of applications including apartment buildings, offices and hotels using well over 1,000 sensors in a single location.



Product Specifications

	EE-RX	EE-RXS
Voltage Input Range	13~24VDC (AC Selectable)	9~28VAC (DC Selectable)
Current Draw (standby)	46.4mA @ 24VAC	19.6mA @ 24VAC
Current Draw (relay-on)	91.5mA @ 24VAC	46.1mA @ 24VAC
Contact Output	Input Voltage -1.4V (AC/DC)	Input Voltage -1.4V (AC/DC)
Output Options	NO/NC/Dry Contact Output	NO/NC/Dry Contact Output
RF Receiver	315/433 MHz Superhetrodyne	315/433 MHz Superhetrodyne
Receiver Range	30~130 Feet	30~130 Feet
Thermostat Range	-4~185° Fahrenheit	-4~185° Fahrenheit
Setback Limits	55~86° Fahrenheit	55~86° Fahrenheit
Deep Setback Limits (DSB)	50~90° Fahrenheit	50~90° Fahrenheit
Dimensions (L x W x D)	4 5/8" x 2 3/4" x 1 1/2"	4 5/8" x 2 3/4" x 1 1/2"
Certifications	FCC Part 15B/Industry Canada RSS/CE/FIDE	FCC Part 15B/Industry Canada RSS/CE/FIDE

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Wiring Configurations

The following are examples of wiring configurations that the EERX and EERXS Series of Controllers can be installed in conjunction with various relay connectivity and/or thermostat types. The system is versatile in application and can be used with nearly any type of HVAC.

