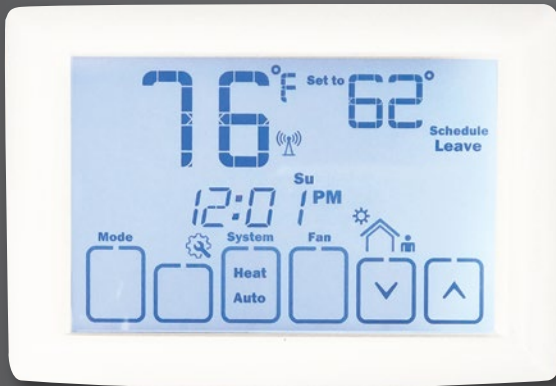


NPR

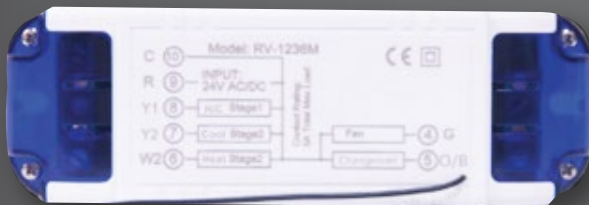
New Product Release

Kit Includes:



KRFTP-B

Dual Energy Source RF Thermostat



KRFR-24V

24V Heat Pump Relay



KRFLR
120/240V
20A Heating Relay



Therma **Link**

KRF-B-KIT

Wireless RF
Heat Pump Thermostat Kit
with Backup Line Voltage
Electric Heat Control

7-Day Programmable
Thermostat, 120/240V
20A Electric Heat Relay
& 24V Heat Pump Relay



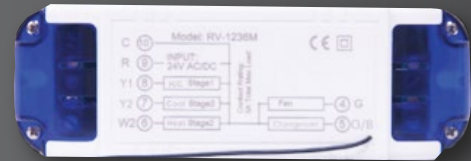
ThermaLink Series

Wireless RF Heat Pump Thermostat Kit

A Dual Energy Source Thermostat That Runs Itself, Adapting To A Building's Ever Changing Climate Demands, providing control over a heat pump's heating & cooling plus reliable backup line voltage electric heat.

Customer Needs

1. Allows for buildings with existing electric heaters to upgrade to a heat pump system, while still utilizing the existing heaters as backup heat.
2. Meets State Energy Code requirements with automatic controls that prevent emergency electric heat from activating unless the heat pump fails to maintain the setpoint.



Features

Benefits

Dual Energy Source Control	Saves energy based on your heating schedule
7-Day Programmable Heating Schedule	Meets State Energy Code Requirements
Prevents emergency electric heat from activating unless heat pump fails to maintain setpoint	Built-In Provision For Using Any 24V Remote Thermostat (Optional)
Wireless Two-way RF Communication - 915 MHz	Lower installation costs - No wiring required between devices
Optional Wireless Master Switch	Set back the entire apartment with the push of a button

Applications

- Multi-Family Apartments
- Low-Income Housing
- Office Buildings
- Hotels & Hospitality
- Single Family Homes
- States With Strict Energy Codes
- Emergency Backup Electric Heat
- Healthcare Facilities

KRF-B-KIT

Programmable RF Thermostat Kit

(Includes All 3 Specifications)

KRFTP-B RF Thermostat Specs

Power Source: 18 to 30 VAC, 50/60 Hz
hardwired or 1 x AA Battery powered

24V Heat pump control
(Heating & Cooling)

7-day programmable schedule

Modes: Auto/Cool/Fan Only/Off/Heat
with Auto Emergency Heat/ Manual
Emergency Heat

Touch Screen LCD display.

Range: 44°F to 90°F (7°C to 32°C)

Display Accuracy: ± 1°F

Optimal Start/Stop- Boost Emergency
Heat Stage (Electric)

Time Variable: 5 minutes & 30 minutes

Wireless Two-way Communication

Working frequency: 915 MHz

Working distance: 98.5 feet

Keypad lockout

Maximum Heat Temperature Limits

44°F to 90°F

Minimum Cooling Temperature Limits.

44°F to 90°F

WARRANTY

2-Year Limited Warranty

Electronic Temperature Controller- For Temperature Accuracy +/-1°F

Modes: Auto/Cool/Fan Only/Off/Heat
with Auto Emergency Heat/ Manual Emergency Heat.

915 MHz Wireless Two-Way Communication

Electronic Touch Screen with backlight LCD display

2 Stage Control For Emergency Backup Electric Resistance Heat

Available Optional RF Sensors For Precision Control
– Occupancy, Window, Door, Outdoor Temp Sensor

NPR



Smart Heating Solutions

New Product Release

Introducing the Most Flexible Dual Energy Source Heat Pump Thermostat Ever, Designed for Applications with Electric Emergency Heat.

Better Comfort through Better Engineering.

RF Wireless Communication

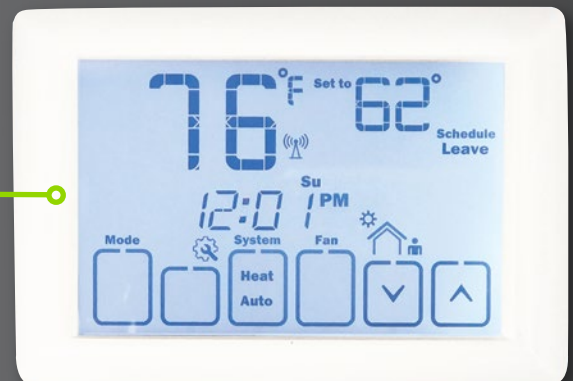
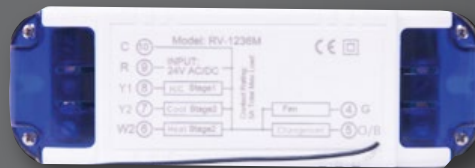


Smart Controls For Emergency Backup Heat



Advanced Features for Ease of Use & Flexibility

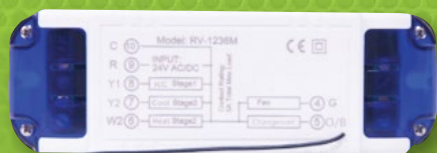
Therma Link





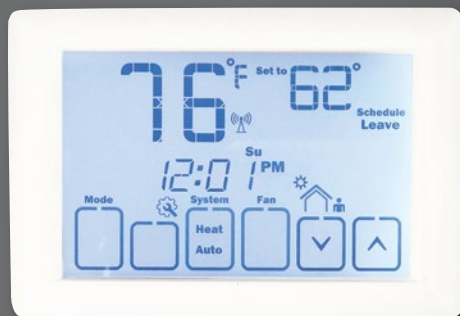
KRFLR-120/240

Electric Heat Relay Specs
 Rating: 120/240V/20A Resistive Load
 Wireless Two-way Communication
 Working frequency: 915 MHz
 Working distance: 98.5 feet



KRFR-24V

Heat Pump Relay Specs
 Power supply type: 24VAC
 Rating: 24VAC/2A
 Wireless Two-way Communication
 Working frequency: 915 MHz
 Working distance: 98.5 feet



Available Heating/Cooling Modes

Heat with Automatic Boost Emergency Backup Mode:

Emergency electric heat will automatically kick in if the set point temperature is not reached within the Boost Emergency Heat Stage (Electric) Time Variable. 5 minutes and 30 minutes (default 15 min).

Manual Emergency Electric Heat Only Mode:

When activated, only the electric heat will run and the PTAC is disabled. The thermostat continues to control the room temperature with electric heat only.

Cooling Mode:

Electric heating relay is locked out when the thermostat is set to cooling mode.

Fan Only Mode:

Electric heating relay is locked out when the thermostat is set to fan only mode.

Available Optional Accessories

RF Battery-powered Occupancy PIR Sensor

For automatic temperature setback when room is unoccupied.
 Setback Options: (44°F – 65°F) (Model: KRF-PIR-SENSOR)

RF Battery-powered Window/Door Sensor Operation

For automatic temperature setback when window or door is left open.
 Setback Options: (44°F – 65°F) (Model: KRF-WINDOW-SENSOR)

RF Battery-powered Master Setback Switch

Manual switch to setback all systems that are paired to the switch upon exiting the building. Setback Options: (44°F – 65°F) (Model: KRF-MASTER-SWITCH)

RF Battery-powered Outdoor Temperature Sensor

When paired with Outdoor Temperature Sensor, Stage 2 (electric heat) would only turn ON when the outdoor temperature is below the Boost Emergency Backup Temperature. Boost Emergency Backup Temp Options: (0°F-65°F) (Model: KRF-OUTDOOR-SENSOR)

Ordering Information

MODEL	UPC	DESCRIPTION
KRF-B-KIT	70133	RF Thermostat Kit, w/ KRFTP-B Programmable BP Thermostat, KRFLR-120/240V Heat Relay & KRFR-24V Heat Pump Relay

Optional Accessories

MODEL	UPC	DESCRIPTION
KRF-PIR-SENSOR	70152	PIR Sensor, Battery Powered, For KRFTP Thermostat
KRF-OUTDOOR-SENSOR	70153	Outdoor Temperature Sensor, Battery Powered, For KRFTP Thermostat
KRF-REPEATER	70154	RF Repeater, USB Powered, For KRFTP Thermostat
KRF-WINDOW-SENSOR	70155	Window/Door Sensor, Battery Powered, For KRFTP Thermostat
KRF-MASTERSWITCH	70156	Master Switch, Battery Powered, For KRFTP Thermostat