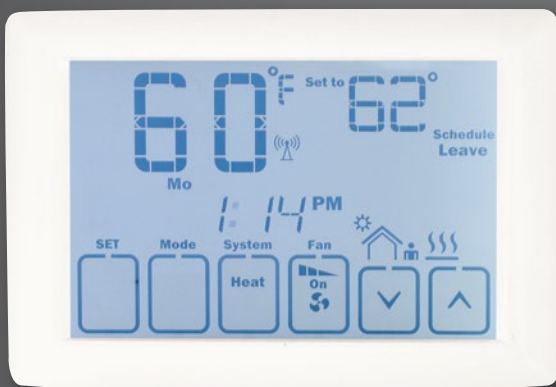


# NPR

New Product Release

Heat Kit Includes:



KRFTP-B

7-Day Programmable RF Thermostat



KRFLR-120/240V  
20A Heating Relay



Therma**Link**

## KRF-HEAT-KIT

Wireless 24V RF  
Thermostat Kit  
For Line Voltage  
Electric Heat Control

7-Day Programmable  
24V RF Thermostat that  
communicates wirelessly  
using a 915 MHz signal with  
a 120/240V 20A electric heat  
relay wired to the heater.

Available optional wireless RF Sensors to limit  
operation based on room occupancy, a window  
left open or outdoor air temperature conditions.



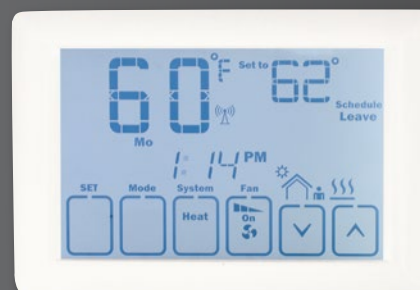
# KRF-HEAT-KIT

## Wireless 24V RF Line Voltage Electric Heat Thermostat Kit

A Smart System Designed to Control Electric Resistance Heaters, Such as Baseboard Heaters or Wall Heaters, Using Radio Frequency (RF) Signals for Communication.

### Customer Needs

1. Since the thermostat communicates wirelessly with the heat relay, it can be installed anywhere in the room without the need for complex wiring between the thermostat and the heater. This makes installation quick and easy, especially in retrofit scenarios or where running new wires is difficult or costly.
2. Electric heat users are looking for ways to reduce their electric bill and reduces energy waste. By adding the optional RF sensors, users can limit operation based on room occupancy, a window left open or outdoor air temperature conditions.



KRFTP-B



KRFLR-120/240V

### Features

### Benefits

|  |   |
|--|---|
| 24V or Battery Powered Thermostat  | Low voltage (24V), is safer and doesn't require a dedicated circuit             |
| 20A Rated Multi-Volt 120/208/240V Heat Relay   | Max Power: 2400W @ 120VAC, 4160W @ 208VAC, or 4800W @ 240VAC                    |
| 7-Day Programmable Heating Schedule  | Meets State Energy Code Requirements  |
| Thermostat & Relay Communicate Wirelessly using 915 MHz RF Signals*<br>*KRFLR relay is hardwired to the heater | Lower installation costs - No wiring required between devices                   |
| Optional Wireless RF Accessories: Master Switch, Occupancy or Door/Window Sensors                              | Set back the entire apartment with push of a button or based on occupancy, etc. |

### Applications

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

# KRF-HEAT-KIT

## Wireless 24V RF Thermostat Kit

(Includes Both Specifications)

### KRFTP-B RF Thermostat Specs

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

7-day programmable schedule

Touch Screen LCD display.

Range: 44°F to 90°F (7°C to 32°C)

Display Accuracy:  $\pm 1^\circ\text{F}$

Wireless Two-way Communication

Working frequency: 915 MHz

Working distance: 98.5 feet

Keypad lockout

Maximum Heat Temperature Limits

44°F to 90°F

### KRFLR-120/240V Electric Heat Relay Specs

Rating: 120/240/20A Resistive Load

Wireless 2-Way Communication

Working Frequency: 915 Mhz

Working Distance: 98.5 feet

### WARRANTY

2-Year Limited Warranty

# NPR



Smart Heating Solutions

## New Product Release

**A Smart Wireless Solution That Lets You  
Install Electric Resistance Heating Without  
The Need For Wiring Between The Heater  
and Thermostat.**

**Better Comfort through Better Engineering.**

### RF Wireless Communication



### Smart Controls For Line Voltage Electric Heat



## Advanced Features for Ease of Use & Flexibility



KRFLR

# Therma Link

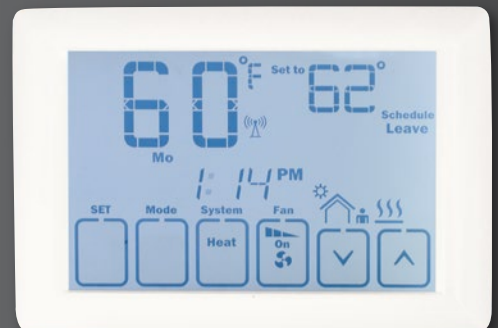
Electronic Temperature Controller- For Temperature Accuracy  $\pm 1^\circ\text{F}$

915 MHz Wireless Two-Way Communication

Electronic Touch Screen with backlight LCD display

Available Optional RF Sensors For Precision Control

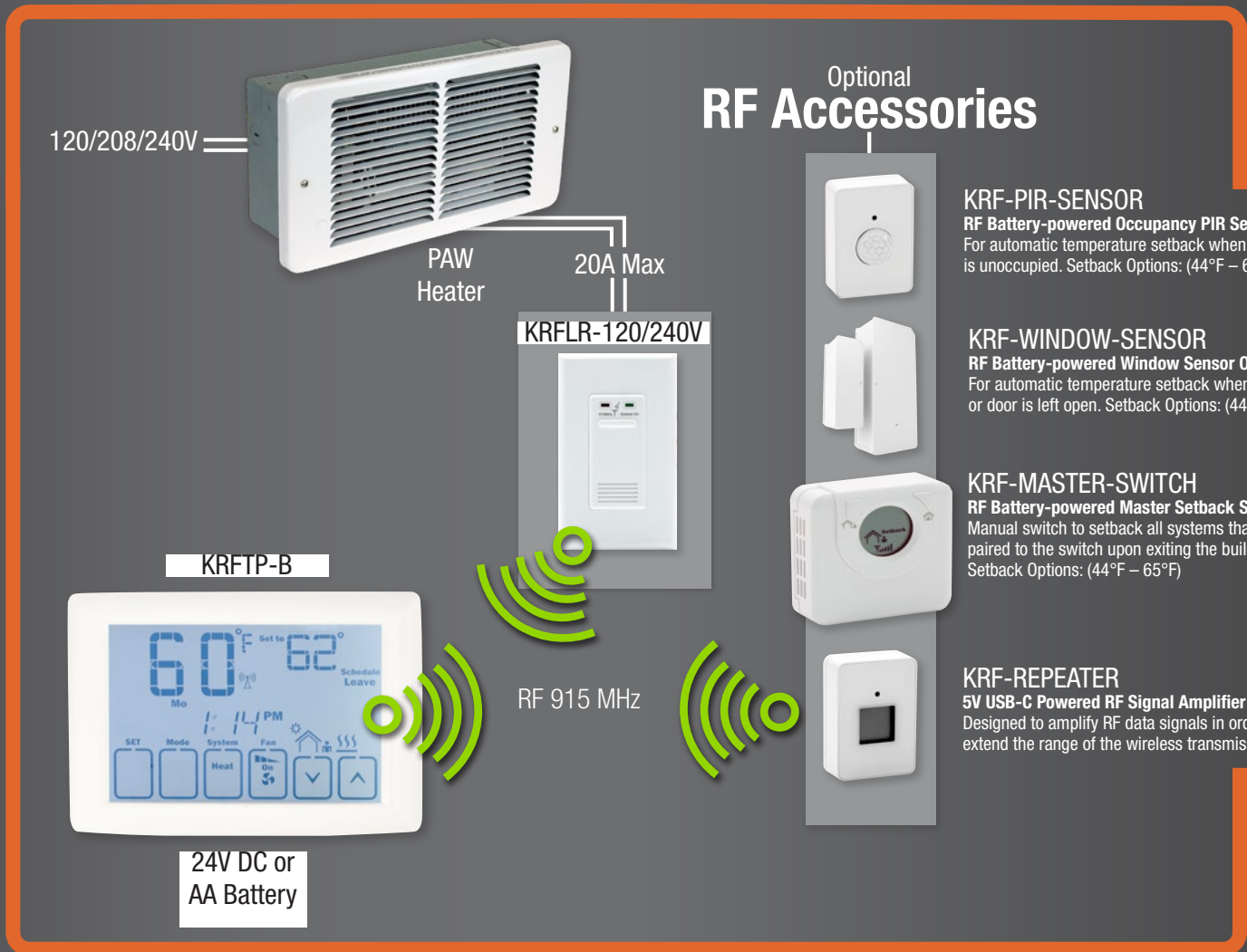
– Occupancy, Window, Door, Outdoor Temp Sensor



KRFTP-B



# Wireless RF Line Voltage Electric Heat Control System Diagram



## Ordering Information - Complete Kit

| MODEL        | UPC   | DESCRIPTION  |
|--------------|-------|--|
| KRF-HEAT-KIT | 70425 | RF Thermostat Kit, w/ 1 x KRFTP-B Programmable BP Thermostat & 1 x KRFLR-120/240V Heat Relay |

## Order A la Carte

| MODEL          | UPC   | DESCRIPTION   |
|----------------|-------|---|
| KRFTP-B        | 70134 | Programmable Battery Powered Multi-System RF Thermostat |
| KRFLR-120/240V | 70135 | 20A Heat Relay, 120V or 240V                            |

## 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              |