

## WIRELESS THERMOSTAT SYSTEM WAVEPRO



### DESCRIPTION

The **WavePRO™** Wireless System **K2500** is a wireless thermostat transmitter and receiver. It is designed for use with conventional (gas, oil, electric) or heat-pump systems. It can support up to 2-HEAT / 2-COOL configurations in conventional systems and 3-HEAT / 2-COOL configurations in heat pump applications. The WavePRO Wireless System is comprised of the wireless T2500 thermostat paired with the wireless R2500 receiver.

**NEW!**



K2500WavePRO



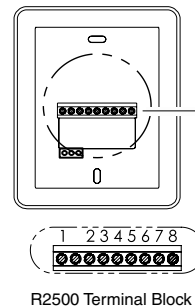
### FEATURES

- *Frequency Hopping Spread Spectrum wireless*
- *7 day programmable*
- *Temporary or permanent holds*
- *Heat/Cool/Off/Auto changeover system settings*
- *Local or remote sensing*
- *LCD display with backlight*
- *Pre-occupancy purge*

### SPECIFICATIONS

<b>Supply Voltage</b>	
T2500	24 VAC or 2 AA batteries (included)
R2500	24 VAC
<b>Frequency</b>	902 to 928 MHz,
<b>Temperature Range</b>	50° to 90°F (10° to 32°C)
<b>Range</b>	100 ft
<b>Modulation</b>	FHSS (Frequency Hopping Spread Spectrum)
<b>Operating Temperature</b>	0° to 120°F (-17° to 48°C)
<b>Operating Humidity</b>	5 to 90% RH (non-condensing)
<b>Dimensions</b>	
T2500	4.5"H x 5.75"W x 1.1 "D (11.43 x 14.6 x 2.79 cm)
R2500	4.8"H x 3.8"W x 1.3"D (12.19 x 9.65 x 3.3 cm)
<b>Weight</b>	2.7 lb (1.22 kg)
<b>Approvals</b>	FCC, FCC ID: XDTTW205206; IC: 8438A-TW205206
<b>Warranty</b>	5 years

### WIRING



R2500 Terminal Block

#### 2 Heat / 2 Cool Conventional

Term.	Name	Function
1	C	24VAC -
2	R	24VAC +
3	Y1	Cooling stage 1
4	Y2	Cooling stage 2
5	W1	Heating stage 1
6	W2	Heating stage 2
7	A	N/A
8	G	Fan

#### 3 Heat / 2 Cool Heat Pump

Term.	Name	Function
1	C	24VAC 2
2	R	24VAC 1
3	Y1	Compressor 1
4	Y2	Compressor 2
5	O/B	Reversing valve
6	AU	Aux Heat/Emerg.
7	A	Economizer
8	G	Fan

### ORDERING INFORMATION

MODEL	DESCRIPTION
K2500WAVEPRO	WavePRO wireless thermostat kit (thermostat and receiver not sold separately)

	RELATED PRODUCTS	PAGE
RW205-001	Wireless thermostat receiver module	650
TW205-001	Non-programmable wireless thermostat	650
TW206-001	Programmable wireless thermostat	650