RAK180W1

Energy Management Thermostat

- Wireless communication with both wireless and wired power options
- Auxiliary Output can control make-up air delivery based on occupancy status
- Integral occupancy sensor allows for energy savings in unoccupied rooms
- Fully configurable settings allow for a customized level of energy savings
- Patented Night Occupancy feature ensures guest comfort while sleeping
- 2 Fan Speeds
- Optional Remote Management* includes:

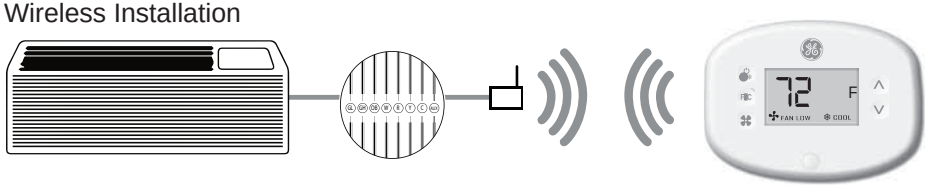
• 24/7 control over thermostat settings from computer, phone, or tablet
• Real-time guestroom occupancy, temperature, and humidity data
• Customized alerts to indicate potential concerns
• User management – providing different levels of control for staff
• Built in mesh network – no Wi-Fi network required

* Requires purchase of a network connection kit (OLKITNTWK) and individual thermostat access subscription (XMF)

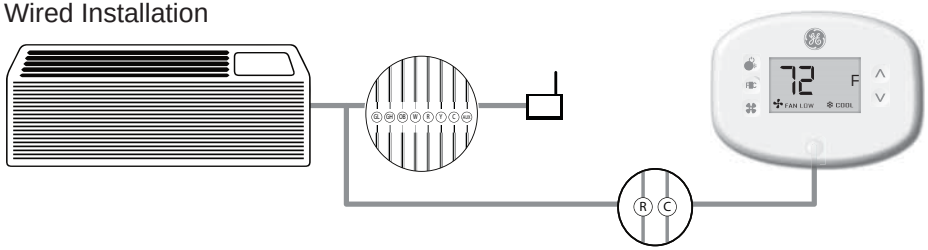


	Thermostat	Wireless Control Card
Case Dimensions (Imperial)	4.015 x 5.5118” x 0.925”	3.875” x 2.125” x 0.75”
Case Dimensions (Metric)	102mm x 140mm x 23.5mm	98mm x 54mm x 19mm
Screen Dimensions (Imperial)	3.625” x 2.125”	N/A
Screen Dimensions (Metric)	92mm x 54mm	N/A
Operating Voltage	3V DC - 2 “AA” Cell Batteries OR(Optional) 24V AC	24V AC
Control Outputs		Fan High (GH)
		Fan Low (GL)
		Compressor (Y)
		Heat Pump (OB)
		Heat (W)
		Occupancy Out (Aux)
Occupancy Sensor Beam Width	±47°(94°)	N/A
Wireless Frequency	900MHz	900MHz
Temperature Accuracy	±1°F	N/A
FCC ID	XEYWX	XEYV8ACCC

Wireless Installation



Wired Installation



Optional Wired Thermostat Installation

Wiring Table - 24V AC		
BLACK	C	COMMON
RED	R	24V

Control Card Installation

Wiring Table - 24V AC		
BLACK	C	COMMON
RED	R	24V
YELLOW	Y	COMPRESSOR
WHITE	W	HEAT
ORANGE	O OR B	REVERSE VALVE
GREEN	GH	FAN HIGH
PURPLE	GL	FAN LOW
BROWN	AUX	OCCUPANCY OUT

GE APPLIANCES

31-5000758 Rev. 0 10-22 GEA

SPECIFICATIONS – SUBJECT TO CHANGE