

Friedrich

Thermostat

Model: VRPXEMRT3

Wired

- VRP & FreshAir PTAC compatible (wired only)
- Unparalleled Energy Savings
- Quick-and-Easy Installation
- Remote Management Capabilities*

The Friedrich VRPXEMRT3 Thermostat delivers unprecedented energy savings without compromising guest comfort.

An Integrated occupancy sensor reduces HVAC energy use when rooms are unoccupied.

A patented "Night Occupancy" feature ensures comfort while guests are sleeping.

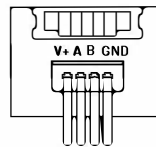
Built-in wireless mesh-networking enables optional remote management features.

Fully configurable settings allow for customization of energy savings to fit any situation.

- Temperature Setback automatically adjusts the temperature when rooms are unoccupied to save energy.
- Setback Optimization monitors the temperature recovery rate and optimizes setback temperatures.
- 7-Day Schedule programmability.



Thermostat Installation - Wiring Table



Wiring Table

Wire Color	Terminal Letter
RED	V+
BROWN	A
BLUE	B
GREEN	GND

Wiring Table - FreshAir PTAC

Blue	Blue		V+	Red
White Brown	White Brown		D-	Blue
Green	Orange		D+	Brown
Orange	Green		V-	Green
White Green	White Orange		GND	
White Orange	White Green			
White Blue	White Blue			
Brown	Brown			

Wiring Table - VRP

Wire Color	Label
Orange	V +
Green / White	D +
Brown	D -
Blue / White	V -
Blue	GND
Brown / White	
Green	
Orange / White	
Ground Shield Wire	GND

	Thermostat
Case Dimensions (Imperial)	4.02 x 5.51" x 0.93"
Case Dimensions (Metric)	102mm x 140mm x 23.5mm
Screen Dimensions (Imperial)	3.63" x 2.13"
Screen Dimensions (Metric)	92mm x 54mm
Operating Voltage	12V DC
Control Outputs	V+/VDC A B V-/GND
Wireless Frequency	902-928MHz
Temperature Accuracy	±1°F
FCC ID	XEYWX
IC	8410A-WX



THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

PURSUANT TO PART 15.21 OF THE FCC RULES, ANY CHANGES OR MODIFICATIONS TO THIS EQUIPMENT NOT EXPRESSLY APPROVED BY VERDANT ENVIRONMENTAL TECHNOLOGIES, INC. MAY VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

US PATENTS: 8,369,994; 8,141,791; 7,918,406; 7,841,542; 7,838,883; RE40,437; 7,232,076; 7,185,825; 7,156,318; 7,152,886; 7,145,110; 7,058,477; 7,050,026; 7,028,912; 6,902,117; 6,789,739; 6,756,421; 6,619,555; 6,581,846; 6,578,770.
 CANADIAN PATENTS: CA2,615,045; CA2,633,113; CA2,633,121; CA2,638,200. OTHER PATENTS PENDING.

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* Requires a network access license for each thermostat (Part Number: EMRAF) and one "Online Connection Kit" (Part Number: EMOCT). Additional fees apply.