

Everex Communications, Inc

WT-42 User's Manual:

WT-42 is a wired thermostat, with optional remote management capability, which controls the setting of a Heating/Air Conditioning/Ventilation Heating (HVAC) unit based on user's inputs. The thermostat consists of a LCD display which shows the current setting to the user, an occupancy sensor which detects the state of occupancy and 4 buttons for user's setting. The unit is powered from a 24VAC Class 2 transformer.



There are 4 buttons on the unit, namely MODE, FAN, Up Arrow and Down Arrow. The following are the functions of these buttons.

MODE – To select OFF, HEAT or COOL mode.

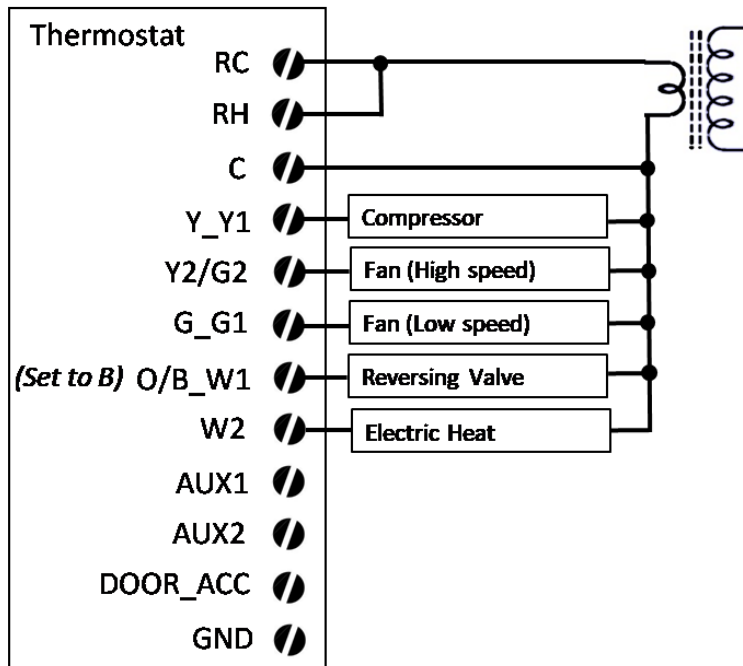
FAN – To change the fan speed to HIGH speed or LOW speed setting or AUTO.

UP Arrow/DOWN Arrow – To increase (Up) or decrease (Down) temperature setting.

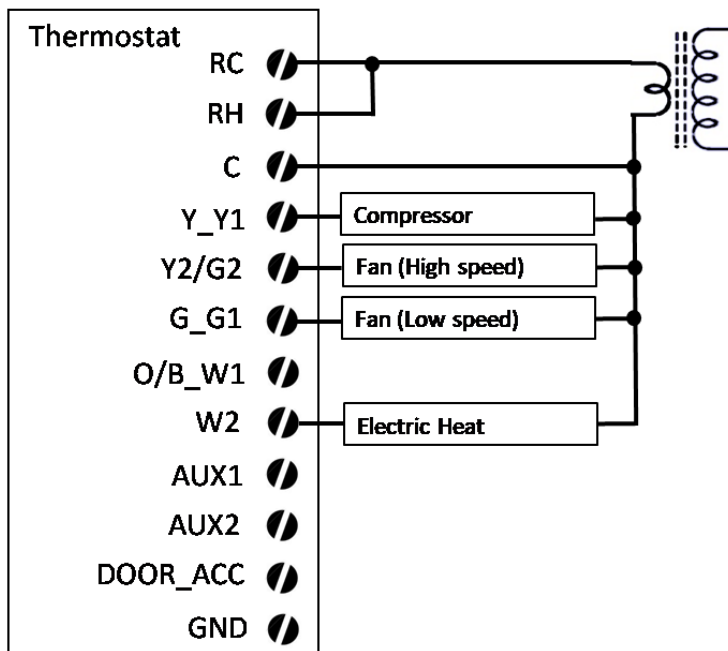
Installation

Switch off the power to the 24VAC transformer. Pull the plastic front cover from the base plate. Mount the base plate onto the wall, about 5 feet from the ground, where the thermostat has good circulation of air, and is not in direct sunlight or near any heat source. Route the wirings from the wall through the base plate opening and connect them to the screw terminal on the back side of the thermostat as shown in the following figures, depending on your HVAC configuration. Switch on the power to the transformer. If there is a remote

management network, press the SETUP button next to the screw terminal to initiate the binding process to the network. Install the thermostat back onto the base plate.



Heat Pump Wiring



Cooler Wiring

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Consult the dealer or an experienced radio/TV technician for help.
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Caution: This equipment is authorized for use under the United States Federal Communication Commission Rules and Regulations, Code of Federal Regulations Chapter 47 part 15 and must be installed in accordance with the instructions provided in this document. Failure to install or operate this equipment as instructed in this document could void the user's authority to operate the equipment. This equipment contains no user serviceable parts. Any modification or repairs to the internal components or to the antenna configuration of the equipment without the express written consent of Everex Communications, Inc. could void the user's authority to operate the equipment.

NOTE: TO COMPLY WITH FCC RF EXPOSURE REQUIREMENTS IN SECTION 1.1307, A MINIMUM SEPARATION DISTANCE OF 20CM (8 INCHES) IS REQUIRED BETWEEN THE EQUIPMENT AND ALL PERSONS.

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