



Thermostat

DESCRIPTION

The Evolve Controls Thermostat is designed to control the majority of HVAC systems with its all-in-one design including a 4.3", Backlit LCD Display with Integrated "In-Cell" Touchscreen. The Wireless Thermostat contains a robust interface and is designed for use with communicating systems where remote monitoring and/or remote control are desired. The Thermostat interface includes heating and cooling display, system mode, fan mode display and control and fan cycler amongst other features. The device can be wall mounted on a single-gang junction box and requires both 24VAC (R) and 24VAC (C) wires from the HVAC System for power.

This Digital Thermostat is designed to work with other Evolve Controls enabled devices. Evolve Control nodes of other types can be included in the network and will also act as repeaters to increase the range of the network.

FEATURES

- 4.3", backlit LCD display with integrated "In-Cell" touchscreen
- Ambient temperature
- Onscreen set point, operation and fan mode controls
- Degrees Fahrenheit or Celsius modes
- Monitors, displays and reports relative humidity
- Remote control of thermostat functions
- Z-Wave compatible
- Optional remote Z-Wave and wired sensors

SPECIFICATIONS

SKU: TC-500

Supported networks: Z-Wave (500 series chip) – Signal (Frequency) 908.42 MHz

Wireless Communication Range: up to 130ft (40m) indoors

Uses standard thermostat connections

Central HVAC systems or seperate heating/cooling systems

Heat Pump HVAC systems : 3-stage heating, 2-stage cooling

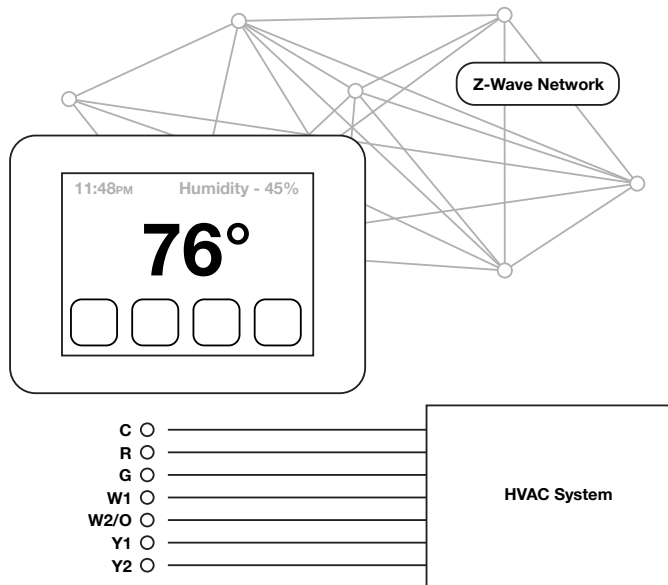
Standard gas/electric HVAC Systems : 2-stage heating, 2-stage cooling

Fan system : Selectable for gas or electric heat systems and supports Fan Cycler feature

Emergency Heat: In Heat pump mode, Emergency Heat mode is directly selectable from the thermostat

Automatic heating and cooling changeover

INSTALLATION



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