

# TS05 Wi-Fi Thermostat



- Sensing element: NTC
- Temp setting range Heater 40-90°F
- Temp setting range Cooler 50-99°F
- Operating temp range 32-113°F
- Operating humidity range 5-95% RH
- Display and control: capacitive touch screen
- Power consumption < 2W
- Input power: AC24V 50/60Hz
- Wiring terminals 2.5mm<sup>2</sup>
- Enclosure: PC+ABS
- Protection class: IP30
- Model with Modbus Connectivity for AHU also available

Terminal Designation	Description
RC (see Note 1)	Power for cooling--connect to secondary side of cooling system transformer
R (see Note 1)	Power for heating--connect to secondary side of heating system transformer
C (see Note 2)	Common wire from secondary side of cooling system transformer
Y	Compressor contactor
G	Fan relay
Y2	Second stage cooling
O/B/W (see Note 3)	Changeover valve for heat pump systems or Heat relay
AUX/W2	Auxiliary heat relay for heat pump systems or Second stage heat relay
E	Emergency heat relay for heat pump systems
L (see note 4)	Equipment monitor for heat pump systems

