WebComfort

WEB-T32P
WebComfort Thermostat
Wirelessly Communicating Thermostat

APPLICATIONS:

WebComfort is suitable for renovation, upgrade and new construction projects.

- Commercial Offices
- Educational Facilities
- Worship Facilities
- Research Facilities
- Retail Locations
- Hospitality & Restaurants

FEATURES:

- Integrated Modbus transceiver with factory wiring harness included
- Easy front panel access for transceiver diagnostics
- Universal applications
- Easy to install and configure: simply mount, connect, power and go!
- Secure wireless 2.4GHz ZigBee communications with other network devices
- Scalable to manage a single building or an entire campus
- Graphical view of real-time and historical energy use provides comprehensive and actionable information to users
- WebComfort products operate independently or as an integrated solution
- Made in the USA (ARRA Compliant)

DESCRIPTION:

The WebComfort WEB-T32P Thermostat is a rugged, industrial control that communications with the WebComfort Energy Manager. This universal thermostat features an integrated Modbus transceiver that connects to the WebComfort Energy Manager through a secure Zigbee mesh network. This design allows each thermostat to communicate with other thermostats, extending the range and ensuring a strong and reliable signal.

The integrated transceiver with factory wiring harness reduces installation time and eliminates miss-wiring. Additionally, it provides easy access for transceiver diagnostics without having to remove the thermostat sub base.

SPECIFICATIONS:

ELECTRICAL
Input Voltage: 24VAC 50/60 Hz +/- 15%
Relay Rating: 24VAC @ 1 amp max. per relay

WIRELESS COMMUNICATION
Zigbee

PROTOCOL
Modbus

APPROVALS
FCC Part 15 C-tick

ENVIRONMENTAL
Operating Temperature: 32° to 122°F
Operating RH: 0 - 95% (non-condensing)

BACKLIGHT
Blue EL (Electro Luminescent)

PHYSICAL
Dimensions (HxWxD): 5.50 x 4.375 x 1 in

Color: White
Weight/ Shipping Weight: <10 oz/ <1lb

TERMINAL DESIGNATIONS
W2 – Second Stage Heating or Auxiliary Heat
Y2 – Second Stag e Compressor
W1-O/B – First Stage Heating or Reversing Valve
Y1 – First State Compressor
G – Fan Relay
R – 24 Volt Hot (jumpered to '24')
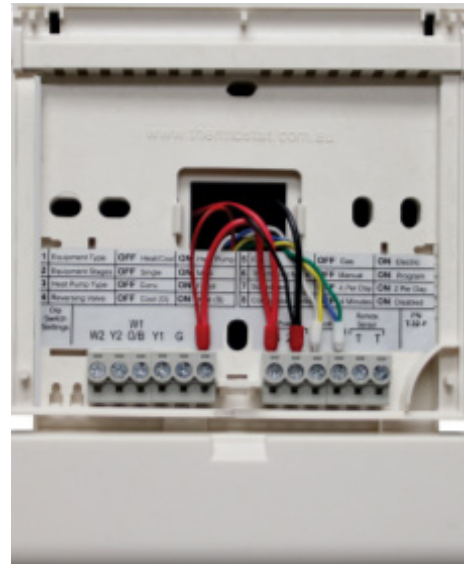24 – 24 Volt Hot (jumpered to 'R')
24C – 24 Volt Common
B – Modbus Communications
A – Modbus Communications
T – Remote Sensor

ORDERING INFORMATION:

SKU	Description
WEB-T32P	WebComfort Wireless Communicating Thermostat

Transceiver Front Access

DIP SWITCH FUNTIONS:

SWITCH #	OFF	ON
1 Not used	Leave OFF	—
2 Equipment	Heat/Cool	Heat Pump
3 Equipment Mode	Single Stage	Multi-Stage
4 Fan Mode or Reversing Valve	Gas "O"	Electric "B"

SWITCH #	OFF	ON
5 Short Cycle Timer	4 Minutes	Disabled
6 Thermostat Operations	Leave OFF	—
7 Minutes Run Time	Leave OFF	—
8 Setpoints	—	Leave ON