

APPLICATIONS:

Web Comfort 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
- Web Comfort products operate independently or as an integrated solution
- Made in the USA (ARRA Compliant)

DESCRIPTION:

The Web Comfort WEB-T32P Thermostat from Jackson Systems is a rugged, industrial control that communicates with the Web Comfort Energy Manager. This universal thermostat features an integrated Modbus transceiver that connects to the Web Comfort 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

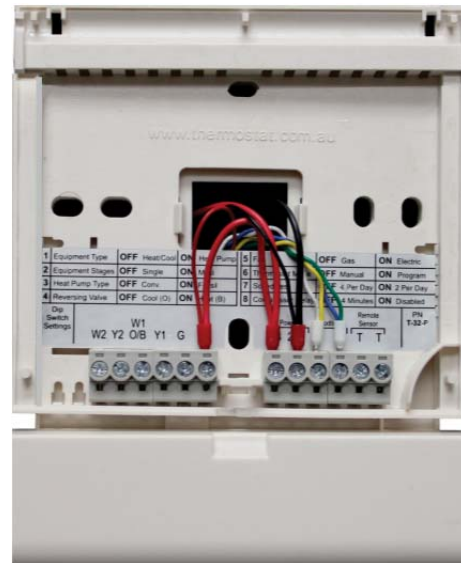
W2 – Second Stage Heating or Auxiliary Heat
Y2 – Second Stage Compressor
W1-O/B – First Stage Heating or Reversing Valve
Y1 – First Stage Compressor
G – Fan Relay
R – 24 Volt Hot (jumpered to '24')
24 – 24 Volt Hot (jumpered to 'R')
24C – 24 Volt Common
B – Modbus Communications
A – Modbus Communications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

DIP SWITCH FUNCTIONS:

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	Electric
5 Short Cycle Timer	'O'	'B'
6 Thermostat Operation	4 Minutes	Disabled
7 Minutes Run Time	Leave OFF	-----
8 Setpoints	-----	Leave ON

ORDER INFORMATION:

SKU	Description
WEB-T32P	Web Comfort Wireless Communicating Thermostat
Optional Accessories:	
WEB-DAS	Web Comfort Wireless Duct Air Sensor
WEB-REP	Web Comfort Wireless Range Extender with power supply



Transceiver Front Access