WEB Comfort™
Communicating Thermostats Made Simple

WEB-T32P Communicating Thermostat

WITH INTEGRATED TRANSCEIVER AND WIRING HARNESS

The WEB-T32P universal thermostat from Jackson Systems is the perfect mix of esthetics, intuitive operation and performance.

Each WEB-T32P thermostat wirelessly connects to the Thermostat Manager through a secure ZigBee mesh network. This design allows each thermostat to communicate with other thermostats thereby extending the range and insuring a strong, reliable wireless network.

Programming, monitoring and control of all WEB Comfort™ thermostats is made simple by an intuitive web-based dashboard accessed from any Internet enabled device. Advanced group functions allow rapid programming and organization of multiple thermostats.

Features

- Manual or auto changeover
- Equipment compatibility
  - 1 Heat / 1 Cool
  - 2 Heat / 2 Cool
  - 2 Heat / 1 Cool Heat Pump
  - 3 Heat / 2 Cool Heat Pump
  - 2 Heat / 1 Cool Dual Fuel
  - 3 Heat / 2 Cool Dual Fuel
- Adjustable setpoint limits
- Keyboard lockouts
- Smart fan logic
- Optional outdoor air temperature display
- 24 Vac with non-volitile memory
- Large backlit display
- Integrated Modbus
- 5 year limited warranty

Jackson SYSTEMS
Thermostats Made Simple™

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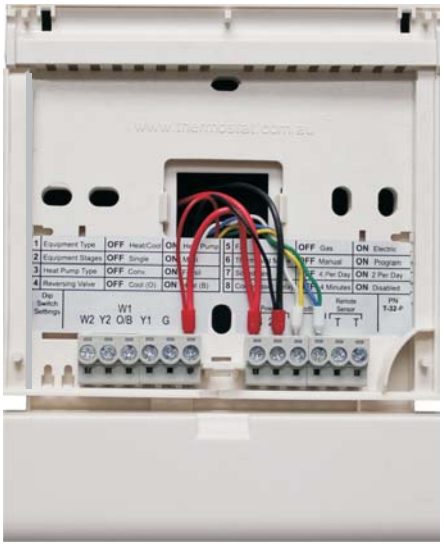
INTEGRATED TRANSCEIVER WITH FACTORY WIRING HARNESS

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

Transceiver Front Access



CONFIGURATIONS

Keyboard Lockout	Multiple level selection
Heating Setpoint Range	41° F to 120° F
Cooling Setpoint Range	43° F to 122° F
LCD Display Units	C or F
Internal Sensor Calibration	+/- 9° F
Time Display	12 or 24 hour
Adjustable Heating Limit	41° F to 120° F
Adjustable Cooling Limit	43° F to 122° F
Advanced Fan Options	Manual Auto Intelligent Fan
Adjustable Purge Cycle	0 - 5 minutes
Mode	Manual Heat / Cool Cooling Only Heating Only Auto Changeover
TT Terminal Function	Outdoor temperature sensor Indoor remote sensor Temperature averaging
Adjustable High Balance Point	32° F to 122° F or Off
Adjustable Low Balance Point	14° F to 77° F or Off

DIP SWITCH FUNCTIONS

SWITCH NUMBER	OFF	ON
1 Not used	Leave OFF	- - - - - - -
2 Equipment	Heat / Cool	Heat Pump
3 Equipment Stages	Single Stage	Multi-stage
4 Fan Mode or Reversing Valve	Gas 'O'	Electric 'B'
5 Short Cycle Timer	4 Minutes	Disabled
6 Thermostat Operation	Leave OFF	- - - - - - -
7 Minimum Run Time	Leave OFF	- - - - - - -
8 Setpoints	- - - - - - -	Leave ON

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

SPECIFICATIONS

Input Voltage	24VAC 50/60 Hz +/- 15%
Relay Rating	24VAC @ 1 Amp maximum per relay
Operating Temperature	32° F to 122° F
Operating RH	0-95% (non-condensing)
Storage Temperature	32° F to 150° F
Overall Size	4.375" W x 5.50" H x 1" D
Display Size	2.75" W x 1.875" H
Accuracy	+/- 0.3° @ 77° F
Temperature Sensor(s)	10K NTC type 3
Short Cycle Protection	4 minutes or OFF
Display Resolution	1.0° F
Control Range	41° F to 122° F
Outdoor Temp Display Range	-10° F to 140° F
Backlight	Blue EL (Electro Luminescent)
Backlight Life	3,000 hours to half brightness
Optimized Start/Stop	Time vs. temp differential - updating
Wireless Communications	ZigBee
Protocol	Modbus
Approvals	FCC Part 15 (pending) C-tick

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