



Comfort SYSTEM™

T-32-P UNIVERSAL THERMOSTAT

Selecting the right thermostat just got simple.

Introducing the Comfort System™ T-32-P universal thermostat from Jackson Systems. The T-32-P is a perfect mix of esthetics, intuitive operation and performance at an amazingly affordable price. The T-32-P is compatible with most residential and commercial HVAC systems and is ideally suited for use with zoning systems.

The Comfort System™ T-32-P is available exclusively from Jackson Systems.

Jackson
SYSTEMS
Thermostats Made Simple™

1-888-652-9663
www.jacksonsystems.com



Features

- Manual or auto changeover
- Programmable or non-programmable
- Equipment compatibility
 - 1 Heat / 1 Cool
 - 2 Heat / 2 Cool
 - 3 Heat / 2 Cool Heat Pump
 - 3 Heat / 2 Cool Dual Fuel
- Adjustable setpoint limits
- Keyboard locks
- Remote occupancy override
- Adaptive recovery (optimized start)
- Smart fan logic for commercial control
- PIN protected installer setup menus
- Outdoor air temperature display
- 24 volts with non-volatile memory
- Large backlit display
- Integrated Modbus option
- 5 year warranty

OPTIONS

| | |
|--------------------------------------|---|
| Pin number select | 00 to 99 |
| Keyboard Lock | 5 levels |
| Heating Setpoint Range | 32° F to 99° F |
| Minimum Cooling Setpoint | 33° F to 100° F |
| LCD Display Units | C or F |
| Sensor calibration | +/- 5° F |
| Time display | 12 or 24 hour |
| Temperature display | Room and set temp or set temp only |
| After hours override time | 0 - 12 hours |
| Adjustable heating limit | 33° F to 95° F |
| Adjustable cooling limit | 32° F to 95° F |
| Single setpoint dead band | 1° F to 5° F |
| Advanced fan options | Manual Auto Commercial Smart Fan |
| Adjustable purge cycle | 0 - 5 minutes |
| Mode | Cooling Only Heating Only Auto Changeover |
| 'W2' output logic | Auxiliary Heat Add-on heat Emergency heat |
| TT terminal function | Outdoor temperature sensor Indoor remote sensor Temperature averaging Remote override to OFF Remote occupied/unoccupied |
| Freeze protection | 40° F |
| Adjustable first stage differential | 1° to 5° F |
| Adjustable second stage differential | 1° to 5° F |
| Adjustable upstage timer | 5 - 60 minutes |
| Adaptive recovery | ON or OFF |
| Outdoor sensor calibration | +/- 5° F |
| Adjustable high balance point | 32° F to 95° F |
| Adjustable low balance point | 15° F to 95° F |
| Modbus address | 00 - 99 |
| Adjustable filter monitor | OFF to 900 hours |
| Commissioning mode | ON or OFF |

SWITCH FUNCTIONS

| | OFF | ON |
|------------------------|------------------|--------------|
| FAN SPEED | 1 Speed | 3 Speed |
| EQUIPMENT | Heat/Cool | Heat Pump |
| STAGES | 1 Stage | 2 Stage |
| REVERSING VALVE | O (cooling) | B (heating) |
| FAN MODE | Gas | Electric |
| SHORT CYCLE PROTECTION | Off | 4 minutes |
| OPERATION | Non-programmable | Programmable |
| MINIMUM RUN TIMES | 2 minutes | 6 minutes |
| PROGRAM TYPE | Commercial | Residential |
| SETPOINTS | Single setpoint | 2 setpoints |

DIMENSIONS



Height: 4.0"
Width: 4.375"
Depth: 0.875"

TERMINAL DESIGNATIONS

| | |
|-------|------------------------------------|
| 24 | 24V (Hot) |
| 24C | 24V (Common) |
| R | Relay (Hot) jumpered to 24 (Hot) |
| G1 | Fan low |
| Y1 | Compressor 1 / Cool 1 |
| W1 | Heat 1 / Reversing Valve |
| G2/Y2 | Compressor 2 / Cool 2 / Fan Medium |
| G3/W2 | Heat 2 / Aux Heat / Fan High |
| T | Remote terminal |
| T | Remote terminal |
| A | Modbus data |
| B | Modbus data |

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 105° F |
| Display size | 2.75" W x 1.875" H |
| Accuracy | +/- 0.3° @ 77° F |
| Temperature sensor(s) | 10K NTC type 3 |
| Stage delays | Minimum change over time method |
| Timed upstage | 5 - 90 minutes |
| Short cycle protection | Off to 4 minutes |
| Cycle rate | Unlimited, 30, 10 or 6 (installer set) |
| Display resolution | 1° F |
| Control range | Off to 100° F |
| Outdoor temp display range | 17 - 140° F |
| Back light | Blue EL |
| Backlight life | 3,000 hours to half brightness |
| Optimized Start/Stop | Time vs. temp differential - updating |
| Communications Protocol | Modbus |
| Fan speeds | Difference between setpoint and room temperature |
| Approvals | FCC Part 15 (pending) C-tick |
| Warranty | 5 Years |