



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 Auxiliary Heat Add-on heat Emergency heat
'W2' output logic	Outdoor temperature sensor Indoor remote sensor Temperature averaging Remote override to OFF Remote occupied/unoccupied
TT terminal function	40° F
Freeze protection	1° to 5° 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	0.1° F
Control range	Off to 100° F
Outdoor temp display range	17 - 140° F
Back light	Blue EL (Electro Luminescent)
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