

**T 8532-002**

2 H / 2 C - Programmable  
Multi-fan Control



commercial grade

SD card interface,  
makes **EASY** programming

## Performance PRO™ Multi-fan

Large display, digital thermostat  
for commercial applications: including  
fan coil, water source, heat pump & PTAC

**Large BLUE backlit display**  
makes it easy to see & easy to adjust.


**Programmable or non-programmable**  
that is field configurable.

**Control fans up to 3-speeds**  
continuous, cycled, or staged.

**Key pad lock-out option**  
allows for 3-levels of lock-out  
with PIN code access.

**Occupancy sensor input**  
enabling control to power-down when  
room is unoccupied, then power-up  
when room is occupied.

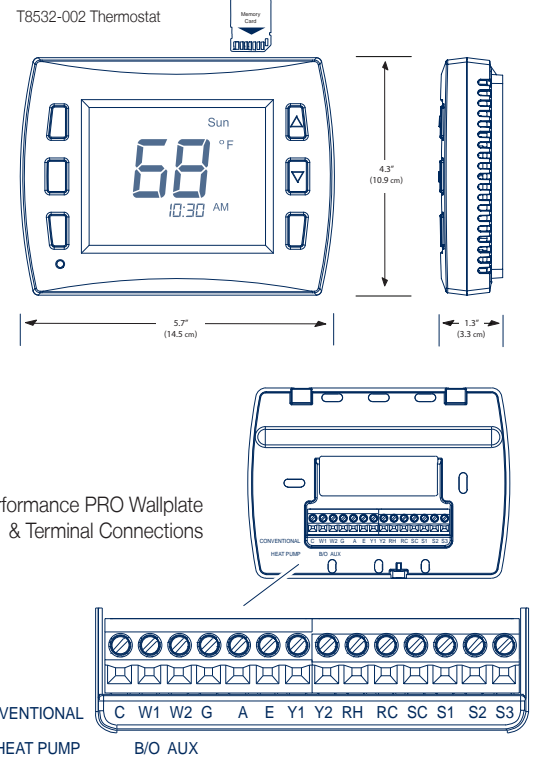
### **High Performance Commercial Functions**

- ▶ Battery or low-voltage (hard-wired)
- ▶ Remote sensor input
- ▶ Daily valve-purge option
- ▶ Programmable fan
- ▶ Programmable holidays
- ▶ Heating / cooling LED
- ▶  memory card interface, 2 GB or smaller, enabling quick configuring of large-project installations
- ▶ Configurable operation of Heat (W1) for NC or NO

## Specifications

Temperature Control Range	50° to 90° F (10° to 32° C)
Operating Temperature Range	0° to 120° F (-18° to 49° C)
Storage Temperature Range	-20° to 130° F (-29° to 55° C)
Electrical Input Frequency	50/60 Hz +/- 10%
Input Power	24 VAC (20-30 VAC) and/or 2 AA alkaline batteries (Installing batteries recommended)
Output Terminal W - Heating	20-30 VAC 0.02-1.0 A
Output Terminal Y - Cooling	20-30 VAC 0.02-1.0 A
Output Terminal G - Fan	20-30 VAC 0.02-0.6 A
Output Terminal A - Fan	20-30 VAC 0.02-1.0 A
Termination Connections	Wallplate w/ terminal blocks
Memory Card	SD (Secure Digital)

Total load not to exceed 2.5 A



## Technical Data

### Dimensions

Mounting	Direct mount; 2" x 4" horizontal or vertical, or 4" x 4"
LCD Viewable Size	8 inch <sup>2</sup> - 2.5" W x 3.2" H 51.8 cm <sup>2</sup> - 6.4 cm W x 8.1 cm H
Physical Dimensions	5.7"W x 4.3"H x 1.3"D

### Models & Accessories

Model	Part No.	Description
T8532-002	70854	Performance PRO, 2 Heat / 2 Cool, Multi-fan, programmable thermostat.
68671	68671	Remote sensor
69308	69308	Indoor remote sensor
70327	70327	Outdoor remote sensor
SB200-001	68375	Occupancy sensor - time based
SK200-001	68381	Occupancy sensor - guest room

### Terminals

#### Fan Coil (Conventional)

#### Heat Pump

24 Vac ,Unswitched side	<b>C</b>	24 Vac ,Unswitched side
Stage 1 Heat	<b>W1</b>	<b>B/O</b> - Reversing Valve
Stage 2 Heat	<b>W2</b>	<b>AUX</b> - Auxiliary ( Stage 2 or 3 )
Fan High	<b>G</b>	Fan High
Fan Medium	<b>A</b>	Fan Medium
Fan Low	<b>E</b>	Fan Low
Stage 1 Cool	<b>Y1</b>	Compressor Stage 1
Stage 2 Cool	<b>Y2</b>	Compressor Stage 2
24 VAC Power for heating, switched side	<b>RH</b>	24 VAC Power for heating, switched side
24 VAC Power for cooling, switched side	<b>RC</b>	24 VAC Power for cooling, switched side
Signal Common	<b>SC</b>	Signal Common
Indoor Remote Sensor	<b>S1</b>	Indoor remote sensor
Occupancy Sensor	<b>S2</b>	Occupancy Sensor
Seasonal Changeover Switch OPEN = Cooling in Summer CLOSED = Heating in Winter	<b>S3</b>	---

RoHS Compliant

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