

**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.

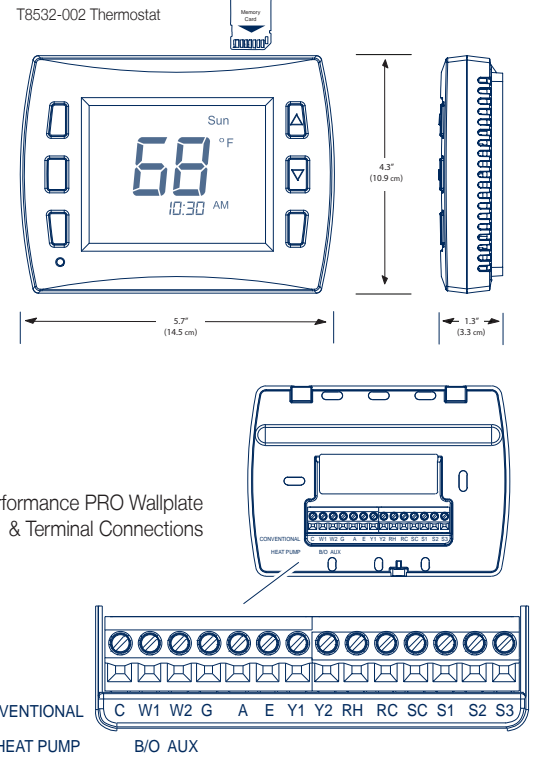
### High Performance Commercial Functions

- ▶ Battery or low-voltage (hard-wired)
- ▶ Remote sensor input
- ▶ Daily valve-purge option
- ▶ Programmable fan
- ▶ Programmable holidays
- ▶ Heating / cooling LED
- ▶ **SD** 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	C	24 Vac ,Unswitched side
Stage 1 Heat	W1	B/O
Stage 2 Heat	W2	AUX
Fan High	G	Fan High
Fan Medium	A	Fan Medium
Fan Low	E	Fan Low
Stage 1 Cool	Y1	Compressor Stage 1
Stage 2 Cool	Y2	Compressor Stage 2
24 VAC Power for heating, switched side	RH	24 VAC Power for heating, switched side
24 VAC Power for cooling, switched side	RC	24 VAC Power for cooling, switched side
Signal Common	SC	Signal Common
Indoor Remote Sensor	S1	Indoor remote sensor
Occupancy Sensor	S2	Occupancy Sensor
Seasonal Changeover Switch OPEN = Cooling in Summer CLOSED = Heating in Winter	S3	-- --

RoHS Compliant

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# T 8532-002



Fan

Refrigeration

PTAC / PTHP

Fan Coil

Heat Pump

**PECO**  
AN ASTRONICS COMPANY

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