PTAC / PTHP

Fan Coil

Heat Pump

commercial grade

Performance PRO[™] Multi-fan

Easy to install occupancy based temperature control, large display, simple user operation, for control of commercial: fan coil, conventional, water source, heat pump and PTAC



T 85320CC

makes EASY programming

SD card interface,

Occupied Timer	Sets Occupancy Duration for 30 min, 1, 2, 4, 5, 6, 16, 20, 24 Hours. Once the timer expires with no detection the thermostat goes into Setback Ramping.	
Setback Ramping	Determines how the control will ramp to setback values. Economy - goes directly to setback values. Comfort 1 - sets back at 1°F per Hour until the selected setback value is reached. Comfort 2 - sets back at 2°F per Hour until the selected setback value is reached.	
Setback Setpoints	Temperature values can be set to OFF or 50-90F (10-32C).	
Low/ High Temp Protection	Freeze protection on this control is set at 40° F (heat). Over temp protection is set at 110° F (cool).	
Night Lock ON Protection	To assure comfort settings for guest room operation an optional configuration will hold user setpoints from 10 PM and 8 AM. once occupancy is detected.	



Powering your future

High Performance Commercial Functions

- Programmable or non-programmable
- Battery or low-voltage (hard-wired)
- Remote sensor input
- Daily valve-purge option
- Programmable fan
- Programmable holidays
- 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) - 2GB or less		

Total load not to exceed 2.5 A

Heat Pump

Fan Coil

Dimensions		
Mounting	Direct mount; 2" x 4" horizontal or vertical, or 4" x 4"	
Physical Dimensions	5.7"W x 4.3"H x 1.3"D	

Models & Accessories					
Part No.	Description				
70854	Performance PRO, 2 Heat / 2 Cool, Multi-fan, programmable thermostat.				
68671	Remote sensor				
69308	Indoor remote sensor				
	& Acces Part No. 70854 68671 69308				

Refrigeration PTAC / PTHP

Fan

T 85320CC



HEAT PUMP

B/O AUX

Terminals						
Fan Coil / Conventional	-	Heat Pump				
24 VAc ,Unswitched side	- <u>C</u> -[24 VAC ,Unswitched side				
Stage 1 Heat —	W1 B/O -	Reversing Valve				
Stage 2 Heat —	W2 AUX -	Auxiliary (Stage 2 or 3)				
Fan High	G –	Fan High				
Fan Medium	- A - [Fan Medium				
Fan Low	- E -[Fan Low				
Stage 1 Cool	- <u>Y1</u> - [Compressor Stage 1				
Stage 2 Cool	- <u>Y2</u> -	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	- <u>sc</u> - [Signal Common				
Indoor Remote Sensor	- <mark>S1</mark> - [Indoor remote sensor				
Remote Occupancy Sensor	S2	Remote Occupancy Sensor				
Seasonal Changeover Switch OPEN = Cooling in Summer CLOSED = Heating in Winter	- \$3 - [

RoHS Compliant

RONICS COMPANY

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