

## MODELS PSP4272C PSP4271C

COMMERCIAL 7 DAY

PROGRAMMABLE THERMOSTAT

UP TO 4 TIME PERIODS PER DAY

UP TO 4 HEAT / 2 COOL UNIVERSAL

### Standard Features:

- 4 heat, 2 cool stages
- Gas/electric or heat pump – Multi-stage
- “Simple as you want Operation™”
  - Switchable: programmable or non-programmable
  - Switchable: auto changeover, or heat or cool only
- Large, easy to read display
- Scrolling display makes setup easy
- Adjustable backlight intensity
- Backlit, color coded buttons and legends
- Choice of English, French or Spanish for scrolling display
- Bi-color LED indicates a heating or cooling demand
- Dry contact input
- Outdoor sensor ready
- Random start
- Fahrenheit or Celsius display
- Service alert indicators
- Compatible with condensate overflow warning systems – lockout compressor with message on the display
- Keypad lock
- Non-volatile memory
- Wireless connectivity with optional accessory
- ADR (Automated Demand Response) ready
- FDD (Equipment Fault Protection) notification
- API for 3rd party monitor and control
- Night dimmer for brightness control in sensitive areas at night
- Configurator app to easily setup Wi-Fi and thermostat settings



### PSP4272C

- All of the PSP4271C features plus:
- Control to or monitor a 2nd temperature sensor - Can also average 1 remote sensor with the thermostat sensor
- Controls humidification, dehumidification and reheat
- Pre-occupancy fan purge
- Programmable extra output
- Light activated
- Energy watch

### PSP4271C

- Choose 7-day, 5+1+1 day or 1-day programming
- Up to 3 occupied periods per day
- Adjustable deadbands and timers between stages
- Outdoor sensor ready with high/low temps for the day
- Smart fan operation
- Holiday mode
- Smart recovery
- 365 day holiday programming (when connected to Skyport)
- Title 24 Compliant



\* Complete warranty details available from your local branch.

## TERMINAL DESIGNATIONS

Terminal Designations PSP4272C	
<b>R</b>	24 VAC Return
<b>G</b>	Fan Relay
<b>W1/O/B</b>	1 <sup>st</sup> Stage Heat Circuit or reversing valve
<b>W2</b>	2 <sup>nd</sup> Stage Heat Circuit
<b>Y1</b>	1 <sup>st</sup> Stage Compressor Relay
<b>Y2</b>	2 <sup>nd</sup> Stage Compressor Relay
<b>W3</b>	3 <sup>rd</sup> Stage Heat Circuit
<b>HUM</b>	Humidifier Control Circuit
<b>DEHUM</b>	Dehumidifier Control Circuit
<b>C</b>	24 VAC Common
<b>AUX</b>	AUX Output
<b>Outdoor Sensor</b>	Outdoor Sensor Connections
<b>Remote Sensor</b>	Remote Sensor Connections
<b>Dry Contact</b>	Dry Contact Connections

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## PRODUCT SPECIFICATIONS

Product Specifications PSP4272C Conventional (2H/2C) or Heat Pump (2H/2C)	
<b>Electric Rating:</b>	20 – 28 VAC, 5 VA max
<b>Output Rating:</b>	Y1, Y2, G – 0.8A, all others 0.4A 3A total max on all outputs
<b>Control Range:</b>	35° - 99° F (2° - 36° C)
<b>Control Accuracy:</b>	+/- 2° F (+/- 1° C)
<b>Humidity Accuracy:</b>	+/- 10% RH from 30-70% RH, 50° - 90° F
<b>Remote Sensor:</b>	(2), 10K NTC thermistor
<b>Outdoor Sensor</b>	(2), 10K NTC thermistor
<b>Inputs:</b>	Dry contact (condensate, twist timer, more)
<b>Outputs:</b>	Y1, Y2, G, W1/O/B, W2, W3, HUM, DEHUM, AUX
<b>Connectivity:</b>	2.4 GHz b/g/n opt. optional WiFi module

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