PROGRAMMABLE LARGE DISPLAY THERMOSTATS

PSTSP11AWH & PSTSP21AWH

Model Numbers

PSTSP11AWH – 1 Heat / 1 Cool Conventional or
1 Heat / 1 Cool Heat Pump

PSTSP21AWH – 1 Heat / 1 Cool Conventional or
2 Heat / 1 Cool Heat Pump

Product Features

- 5-2 Day Weekday / Weekend Programming with 4 Schedule Periods Per Day
- Dual Powered–Hardwired or Battery
- Large Display with Cool White Backlight
- Adjustable Temperature Set Point Limits
- Non-Volatile Memory Retains User Settings
- Air Filter Change Reminder
- Adaptive Intelligent Recovery (AIR)
- Droop and Upstage Timer Settings (Heat Pump with Aux Heat)

- Optional Auto Changeover Setting
- Compressor Short Cycle Protection
- Temporary or Permanent Hold Schedule Program Overrides
- Soft Key Buttons
- F° / C° Display Options
- Gas, Oil, or Electric Furnace or Radiant Heat
- Compatible with Resideo UWP Mounting System
- Contractor Branding Available

5 YEAR LIMITED WARRANTY

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PSTSP11AWH & PSTSP21AWH Terminal Designations

R	24VAC power from heating transformer
Rc	24VAC power from cooling transformer
Y	Compressor contactor
G	Fan
C	24VAC common. For 2 transformer systems, use common wire from cooling transformer.

O/B	Changeover valve
AUX - W2	Auxiliary heat (PSTSP21AWH)
E	Emergency heat (PSTSP21AWH)
W	Heat

M39428

Architectural Specifications

The digital programmable thermostats shall be PROSELECT® model numbers PSTSP11AWH and PSTSP21AWH, 3.86" H x 5.19" W x 1.08" D, (98.24 mm H x 132 mm W x 27.5 mm D), powered independently with either 24 Volt AC or with two "AA" alkaline batteries. The thermostat shall be compatible with single stage gas, oil or electric heating or cooling systems including single stage heat pumps and 750mv (millivolt) heating systems. The thermostat shall have a cool white backlight display and separate base plate for trouble free installation. Temperature control range shall be between 40 °F to 90 °F (4.5 °C and 32.0 °C) for heating, 50 °F to 99 °F (10.0 °C to 37.0 °C) for cooling, accuracy of +/- 1 °F (+/- .5 °C). Operating relative humidity range is 5% to 90% (non-condensing). The thermostat shall include non-volatile memory to retain user settings, adjustable temperature limits, filter check monitor, Adaptive Intelligent Recovery mode (AIR) and program time and temperature settings with separate heating and cooling set-points. Thermostat shall have low battery indication. The thermostat is wall mounted using the provided hardware.

Product Specifications

Dimensions:	3.86" H x 5.19" W x 1.08" D 98.24 mm H x 132 mm W x 27.5 mm D
Electric Rating:	24 Volt AC (20-30 Volt AC) 1 amp maximum load W, W2, and Y terminal .5 amp maximum load E, G, and O/B terminal
AC Power:	20 - 30 Volt AC
DC Power:	3.0 Volts DC (2 "AA" Alkaline batteries included)
Compatibility:	Gas, Oil or Electric Systems Heat Pump Systems 750mv Millivolt Heating Systems
Control Range:	40 °F to 90 °F (4.5 °C to 32.0 °C) for heating; 50 °F to 99 °F (10.0 °C to 37.0 °C) for cooling.
Display Range:	40 °F to 99 °F (4.5 °C to 37 °C)
Accuracy:	+/- 1 °F (+/- .5 °C)
Storage Temperature:	-20 °F to 120 °F (-28.9 °C to 48.9 °C)
Operating Humidity:	5% to 90% (non-condensing)
Terminations:	R, Rc, O/B, Y, W, G, C (PSTSP11AWH) R, Rc, O/B, Y, W, W2, E, G, C (PSTSP21AWH)

Shipping Information

INDIVIDUAL CARTON

Dimensions:	6" x 5" x 2.3"
Weight:	.70 lbs.

MASTER CARTON

Quantity:	12
Dimensions:	15.43" x 9.5" x 6.125"
Weight:	10.4 lbs.

PROSELECT PSTSP11AWH Replaces*

Honeywell®	TH2110, TH4110, T8000, T8001, T8112, T8132
White-Rodgers®	1F78H-151, 1E78-151, 1F78-167
Braeburn®	2000NC, 2020NC
Robertshaw®	RS3110, 8600-1, 8601-1, 9600
ICM®	SC3000, SC3001
LuxPro®	PSP511C, PPS511LC

PROSELECT PSTSP21AWH Replaces*

Honeywell®	TH2210, TH4210, T8011, T8024
White-Rodgers®	1F72-151
Braeburn®	2200NC, 2220NC
Robertshaw®	RS3210, 8625-1, 9615, 9620
ICM®	SC3201
LuxPro®	PSPH521L

*Verify specific application requirements. All trademarks are the property of their respective owners.