

NON-PROGRAMMABLE LARGE DISPLAY THERMOSTATS

PSTSN11AWH & PSTSN21AWH

Model Numbers

PSTSN11AWH – 1 Heat / 1 Cool Conventional or
1 Heat / 1 Cool Heat Pump

PSTSN21AWH – 1 Heat / 1 Cool Conventional or
2 Heat / 1 Cool Heat Pump

Product Features

- Dual Powered—Hardwired or Battery
- Large Display with Cool White Backlight
- Adjustable Temperature Set Point Limits
- Non-Volatile Memory Retains User Settings
- Droop and Upstage Timer Settings (Heat Pump with Aux Heat)
- Optional Auto Changeover Setting
- Compressor Short Cycle Protection
- Soft Key Buttons
- F° / C° Display Options
- Gas, Oil, or Electric Furnace or Radiant Heat
- Compatible with Resideo UWP Mounting System
- Contractor Branding Available



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PSTSN11AWH & PSTSN21AWH Terminal Designations

R	24VAC power from heating transformer	O/B	Changeover valve
Rc	24VAC power from cooling transformer	AUX - W2	Auxiliary heat (PSTSN21AWH)
Y	Compressor contactor	E	Emergency heat (PSTSN21AWH)
G	Fan	W	Heat
C	24VAC common. For 2 transformer systems, use common wire from cooling transformer.		

M39435

Architectural Specifications

The digital non-programmable thermostats shall be PROSELECT® model numbers PSTSN11AWH and PSTSN21AWH, 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 32 °F to 90 °F (0 °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 and temperature limits. 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:	32 °F to 90 °F (0 °C to 32.0 °C) for heating; 50 °F to 99 °F (10.0 °C to 37.0 °C) for cooling.
Display Range:	32 °F to 99 °F (0 °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 (PSTSN11AWH) R, Rc, O/B, Y, W, W2, E, G, C (PSTSN21AWH)

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 PSTSN11AWH Replaces*

Honeywell®	T87F, T834, TH1110, TH3110, T8400C, T8401C, T8034C
White-Rodgers®	1D56, 1E56, 1E78-145, 1F56, 1F78-144
Braeburn®	1000NC, 1020NC
Robertshaw®	RS2110, 8400, 8401, 9200H/V, 9400, 9401, 9500
ICM®	SC2000, SC2000L, SC2000N, SC2001, SC2001L, SC2001N, SC2010
LuxPro®	PSD011W, PSD011B, PSD111, PSM400SA

PROSELECT PSTSN21AWH Replaces*

Honeywell®	TH1210, TH3210, T8411, T8424C
White-Rodgers®	1F73-174, 1F79-111
Braeburn®	1200NC, 1220NC
Robertshaw®	RS2210, 8425-1, 9415, 9420, 9515, 9520
ICM®	SC2200, SC2201, SC2201L, SC2201N, SC2210, SC2300, SC2301
LuxPro®	PSDH121, PSD152

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