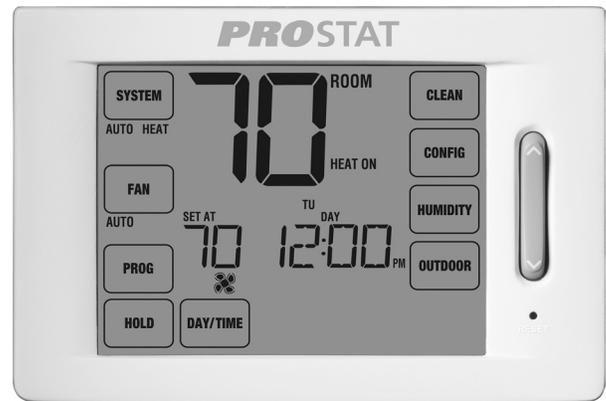


*PREMIER UNIVERSAL
PROGRAMMABLE THERMOSTAT
UP TO 4 HEAT / 2 COOL HEAT PUMP
UP TO 3 HEAT / 2 COOL CONVENTIONAL*

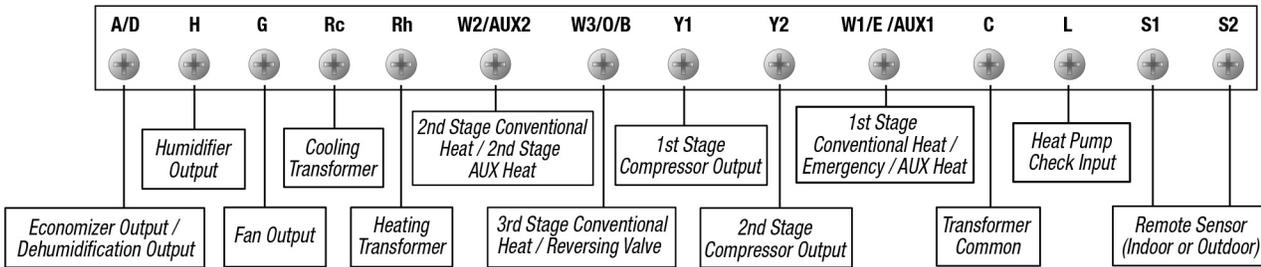
Product Features

- 7 Day, 5-2 Day or Non-Programmable
- Large 12 sq. in. easy-read touchscreen
- Auto or manual changeover
- Bright blue backlight display
- Humidification control
- Dehumidification control with overcooling
- Adjustable over cooling limits
- Residential or commercial modes
- Adjustable temperature limits
- Indoor or outdoor remote sensing
- SpeedSet programming
- Programmable and circulating fan modes
- Auxiliary heat fossil fuel option
- Hardwire or battery power
- Multi-level keypad lockout
- Auxiliary "A" terminal for economizer, Fresh air or output control
- ROHS Compliant



* Complete warranty details available from your local branch.

TERMINAL DESIGNATIONS



ARCHITECTURAL SPECIFICATIONS

The universal auto changeover thermostat shall be a PROSTAT, model number PRS6420, 4.13" high x 6.13" wide x 1.38" deep, powered with either 24 Volt AC or with two "AA" Alkaline batteries (3.0 Volt DC). In the event of a power failure, the unit shall retain all user, installer and program settings. The thermostat shall be compatible with low voltage single stage or multi-stage gas, oil, or electric conventional heating or cooling systems, up to three stages of heating and two stages of cooling, and heat pump systems with up to four stages of heating and two stages of cooling. Also compatible with 250mv – 750mv millivolt heating only systems. The thermostat shall have a bright blue backlight display, touchscreen with SpeedBar®, separate sub-base and multi-level keypad lockout. Temperature control range shall be between 45° and 90° F (7° and 32° C), accuracy of +/- 1° F (+/- .5° C). Operating humidity range between 5% and 95% relative humidity. The thermostat shall include separate installer and user setup modes, residential or commercial setup modes, permanent non-volatile memory to retain user settings, filter, UV and humidifier pad check monitor, adaptive recovery mode (ARMTM), programmable independent fan control, humidification and dehumidification control, residual cooling fan delay, indoor or outdoor remote sensor capability, auxiliary heat fossil fuel programming, and compressor power outage protection. A front reset button will return user settings to default values when pressed.

PROSTAT PRS6420 REPLACES*

Brand	Model
Honeywell®	TH8320, TH8321
Emerson®	1F95-1277, 1F95-1280, 1F95-1291, 1F97-1277
Pro1®	T915, T925, T955 *Verify specific application requirements. All trademarks are the property of their respective owners.

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ACCESSORIES

Model	Sensor
PRS6390	Remote Indoor Sensor
PRS6490	Remote Outdoor Sensor

PRODUCT SPECIFICATIONS

Product Specifications	
Dimensions:	4.13" x 6.13" x 1.38"
Electric Rating:	24 Volt AC (18-30 Volt AC) 1 amp maximum load per terminal 5 amp total maximum load (all terminals)
AC Power:	18-30 Volt AC
DC Power:	3.0 Volts DC (2 "AA" Alkaline batteries included)
Compatibility:	Heat pump systems up to 4 heat/2 cool, Conventional systems up to 3 heat/2 cool 250mv – 750mv millivolt heating systems
Control Range:	45° to 90° F (7° to 32° C)
Display Range:	40° to 99° F (5° to 37° C)
Accuracy:	+/- 1° F (+/- .5° C)
Temperature Differential:	1st Stage: .5°, 1°, or 2° F (0.2°, 0.5°, or 1° C) 2nd, 3rd and 4th Stage: 1°, 2°, 3°, 4°, 5°, or 6° F (.5°, 1°, 1.5°, 2°, 2.5°, or 3° C)
Storage Temperature:	14° to 140° F (-10° to 60° C)
Operating Humidity:	5% to 95% Relative Humidity
Terminations:	A/D, H, G, Rc, Rh, W2/AUX2, W3/O/B, Y1, Y2, W1/E/AUX1, C, L, S1, S2

SHIPPING INFORMATION

Individual Carton	
Dimensions:	6.8" x 4.7" x 2.0"
Weight:	1.2 lbs.

Master Carton	
Quantity:	6
Dimensions:	14.3" x 6.6" x 5.4"
Cubic Feet:	.26
Weight:	8 lbs.