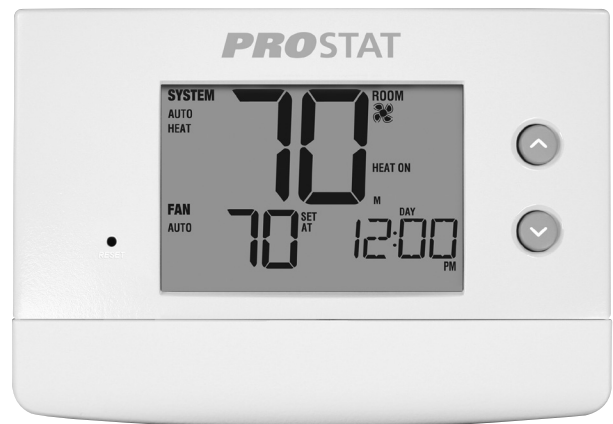


*PREMIER UNIVERSAL  
PROGRAMMABLE THERMOSTAT  
UP TO 3 HEAT / 2 COOL HEAT PUMP  
UP TO 2 HEAT / 2 COOL CONVENTIONAL*

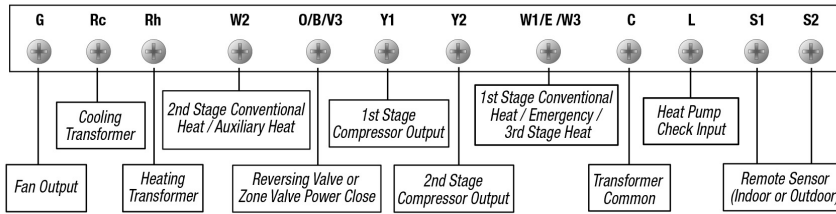
**Product Features**

- 7 Day, 5-2 Day or Non-Programmable
- Large 5 sq. in. display with bright blue backlight
- Auto or manual changeover
- Adjustable temperature limits
- Indoor or outdoor remote sensing
- SpeedSet<sup>®</sup> programming mode
- Separate user and installer reset
- Auxiliary heat fossil fuel option
- Hardwire or battery powered
- Multi-level keypad lockout
- Adaptive Recovery Mode (ARM<sup>™</sup>)
- Programmable and circulating fan modes
- Temporary override limits
- Residential or commercial modes
- Compatible with 2 or 3 wire hydronic zone systems
- 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 PRS6320, 3.86" high x 5.11" wide x 1.42" 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 with up to two stages of heating and two stages of cooling, and heat pump systems with up to three stages of heating and two stages of cooling. Also compatible with 250mv – 750mv millivolt heating only systems and 2 or 3 wire hydronic zone systems. The thermostat shall have a bright blue backlight display, 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 (ARM™), programmable fan mode, 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.

## PRODUCT SPECIFICATIONS

| Product Specifications           |   |
|----------------------------------|---|
| <b>Dimensions:</b>               | 3.86" x 5.11" x 1.42"   |
| <b>Electric Rating:</b>          | 24 Volt AC (18-30 Volt AC)<br>1 amp maximum load per terminal<br>5 amp total maximum load (all terminals)                         |
| <b>AC Power:</b>                 | 18-30 Volt AC   |
| <b>DC Power:</b>                 | 3.0 Volts DC<br>(2 "AA" Alkaline batteries included)  |
| <b>Compatibility:</b>            | Heat pump systems up to 3 heat/2 cool,<br>Conventional systems up to 2 heat/2 cool<br>250mv – 750mv millivolt heating systems     |
| <b>Control Range:</b>            | 45° to 90° F (7° to 32° C)  |
| <b>Display Range:</b>            | 40° to 99° F (5° to 37° C)  |
| <b>Accuracy:</b>                 | +/- 1° F (+/- .5° C)  |
| <b>Temperature Differential:</b> | 1st Stage: .5°, 1°, or 2° F (0.2°, 0.5°, or 1° C)<br>2nd Stage: 1°, 2°, 3°, 4°, 5°, or 6° F<br>(.5°, 1°, 1.5°, 2°, 2.5°, or 3° C) |
| <b>Storage Temperature:</b>      | 14° to 140° F (-10° to 60° C)   |
| <b>Operating Humidity:</b>       | 5% to 95% Relative Humidity   |
| <b>Terminations:</b>             | G, Rc, Rh, W2, O/B/V3, Y1, Y2, W1/E/<br>W3, C, L, S1, S2  |

## PROSTAT PRS6320 REPLACES\*

| Brand      | Model   |
|------------|---|
| Honeywell® | TH6220D, TH6220U, TH6320D                         |
| Emerson®   | 1F85-0477, 1F85U-421PR,<br>1F95-0671, 1F95EZ-0671 |
| Pro1®      | T755, T755S, T855                                 |

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

## ACCESSORIES

| Model   | Sensor                |
|---------|-----------------------|
| PRS6390 | Remote Indoor Sensor  |
| PRS6490 | Remote Outdoor Sensor |

## SHIPPING INFORMATION

| Individual Carton  |                    |
|--------------------|--------------------|
| <b>Dimensions:</b> | 5.0" x 6.3" x 2.0" |
| <b>Weight:</b>     | .92 lbs.           |

| Master Carton      |                   |
|--------------------|-------------------|
| <b>Quantity:</b>   | 6                 |
| <b>Dimensions:</b> | 6.4" x 13" x 5.6" |
| <b>Cubic Feet:</b> | .27               |
| <b>Weight:</b>     | 6 lbs.            |