

# 70 Series™ PTAC Thermostats

*Easy to Install*  
*Easy to Read*  
*Easy to Use*

The 70 Series PTAC thermostat is an easy-to-use thermostat with a modern design that's compatible with all major PTAC systems.

This new thermostat is simple to install and represents a great value from a reliable brand.



## EASY INSTALLATION

Easy to install & set-up with a built-in level and plenty of room for wiring. Most install in 5 minutes or less\*.



## LARGE, BACKLIT DISPLAY

Modern design with large, easy-to-read screen with a bright backlit display.



## PROVEN PERFORMANCE

Over 75 years of experience along with our  $\pm 1^\circ$  temperature accuracy guarantee.



## UNIVERSAL PTAC COMPATIBILITY

Works with all major PTAC systems including Amana, GE, Freidrich and IslandAire.



## FREE CUSTOM PRINTING

Print your logo and/or custom text on the thermostat at no charge.



## SUPPORT

Customer and technical support is available seven days a week at 888-725-9797.  
5 year limited warranty for HVAC professionals.



\*Results based on timed testing of HVAC professionals using a White-Rodgers 1F75C-11PR thermostat in a lab setting using a standard, 4-wire configuration.

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## Specifications

|   |  |  |  |                                       |  |
|---|--|--|--|---------------------------------------|--|
| <b>ELECTRICAL RATING</b><br>Hardwire: 20 to 30 VAC<br>NEC Class II, 50/60 Hz              | <b>RATED DIFFERENTIALS (@ 6 ° F / HR)</b><br>Heat (Conventional/Elect):<br>Cool (Central Air):<br>Heat Pump (Heat and Cool): | Fast<br>0.5 ° F<br>0.9 ° F<br>0.9 ° F  | Med<br>0.75 ° F<br>1.2 ° F<br>1.2 ° F                                      | Slow<br>1.9 ° F<br>1.7 ° F<br>1.7 ° F | <b>OPERATING AMBIENT</b><br>32 ° F to +105 ° F<br>(0 ° C to +41 ° C) |
| <b>SETPOINT RANGE</b><br>60° F to 85° F (15.55 ° C to 30 ° C)                             | <b>TERMINAL LOAD</b><br>Staging Models:  | 1.5 A per terminal<br>2.5 A per maximum all terminals combined   | <b>OPERATING HUMIDITY</b><br>90% non-condensing max                        |                                       |  |
| <b>ACCESSORIES</b><br>Wallplate: F61-2663 (6-3/4" x 4-1/2")<br>Thermostat Guard: F29-0198 | <b>SYSTEM CONFIGURATIONS</b><br>Factory setting:<br>Alternate setting:   | 2-stage heat (heat pump/resistance heat),<br>1-stage cool, 2-speed fan<br>1-stage heat (resistance heat), 1-stage cool,<br>2-speed fan | <b>SHIPPING TEMPERATURE</b><br>-20 ° F to +150 ° F<br>(-29 ° C to +65 ° C) |                                       |  |
| <b>DISPLAY TEMPERATURE RANGE</b><br>32 ° F to +99 ° F (0 ° C to 37 ° C)                   |  |  |  |                                       | <b>THERMOSTAT DIMENSIONS</b><br>3-3/4"H x 6"W x 1-1/8"D              |

## Terminal Designations

|                                |                                |                              |
|--------------------------------|--------------------------------|------------------------------|
| <b>GL</b> LOW FAN SPEED RELAY  | <b>Y</b> COMPRESSOR            | <b>W</b> HEAT MODE           |
| <b>R</b> POWER (24V)           | <b>GH</b> HIGH SPEED FAN RELAY | <b>C</b> COMMON WIRE FOR 24V |
| <b>O/B</b> CHANGEOVER TERMINAL |                                |                              |

| Model        | Program Options |           |         |              | Max Stages Heat/Cool |           |      | Applications |          |                   |           | Power Source |                 | Selectable Performance Features |                  |                           |                    |  |                   | Comfort & Convenience Features |                        |                 |                |                           |                  |
|--------------|-----------------|-----------|---------|--------------|----------------------|-----------|------|--------------|----------|-------------------|-----------|--------------|-----------------|---------------------------------|------------------|---------------------------|--------------------|--|-------------------|--------------------------------|------------------------|-----------------|----------------|---------------------------|------------------|
| Model Number | 7 Day           | 5+1+1 Day | 5+2 Day | Programmable | Conventional         | Heat Pump | PTAC | Gas / Oil    | Electric | 3 Wire Zone Valve | Millivolt | Battery      | Hardwired (24V) | Auto Changeover                 | Programmable Fan | EMR / Early Start Program | Temperature Limits | Humidity Control (H) Humid (D) Dehumid | Dual Fuel Control | Remote Sensor                  | Filter Change Reminder | Auto DST Adjust | Keypad Lockout | Cont. Backlight w/ common | Permanent Memory |
| 1F75P-21NP   |                 |           |         |              | 1/1                  | 2/1       | 2/1  |              | ✓        |                   |           |              | ✓               |                                 |                  |                           | ✓                  |  |                   |                                |                        |                 |                | ✓                         | ✓                |
| 1F75P-21PR   | ✓               | ✓         |         | ✓            | 1/1                  | 2/1       | 2/1  |              | ✓        |                   |           | ✓            | ✓               |                                 |                  | ✓                         | ✓                  |  |                   |                                | ✓                      |                 |                | ✓                         | ✓                |

## THE WHITE-RODGERS MOBILE APP:

Get the latest cross references, installation resources, spec sheets, and more on your phone or tablet. Download today.

