BLUE 2” THERMOSTATS

BLUE 2” HEAT PUMP AND SINGLE STAGE THERMOSTATS – 2 SQ. IN. DISPLAY
Heat Pump or Single Stage Models, Easy to See Display Characters Offering a Step Up from 70 Series

FEATURES
• Heat Pump or Single Stage models.
• Easy set models feature simple Home-Sleep-Away preset buttons.
• Programmable, 5/1/1 Day, 24 Hour, 0-Day or Non-Programmable.
• Gas, Oil, Electric, mV.
• Cool Savings™ saves energy during peak A/C demand periods.
• Lighted display for easier low light viewing.
• Dual power – hardwired and/or battery powered.
• Fits horizontal junction box.
• Air filter change indicator option.

SPECIFICATIONS
Electrical Rating:
Hardwire .......................... 20-30 VAC, NEC Class II 50/60Hz
Battery Power ..................... mV to 30 VAC, NEC Class II, 50/60 Hz or DC
Terminal Load Staging Models .... 1.5 A per terminal,
                                    2.5 A maximum all terminals combined
Terminal Load Single Stage Models ... 1.0A per terminal
                                    1.5A maximum all terminals combined
Setpoint Range .................... 45 to 90°F (7 to 32°C)
Rated Differentials, Universal Models: Fast Med. Slow
  Heat (Single Stage) .............. 0.8°F  1.2°F
  Cool (Single Stage) .............. 1.2°F
  Heat Pump ....................... 1.2°F
  Aux./Emer Heat ................. 0.8°F
Rated Differentials, Single Stage Models: Fast Med. Slow
  Heat .......................... 0.6°F  0.8°F  1.2°F
  Cool  ......................... 0.6°F
  Heat Pump ................. 0.8°F
  Operating Ambient ............ 32 to +105°F (0 to +41°C)
Operating Humidity ............. 90% non-condensing max.
Shipping Temperature Range .... -4 to +150°F (-20 to +65°C)
Dimension ...................... 3 3/4” H x 4 3/4” W x 1 1/2” D

PARTS AND ACCESSORIES
See end of thermostats section for additional parts and accessories
• F61-2634 — Wallplate 6½” W X 5” H, for use with or without horizontal junction box
• F61-2648 — Wallplate (6 pack of F61-2634 above)
• Thermostat Guards — see pages 34–35 for quick selection
# Blue 2” Thermostats

## Heat Pump Thermostats – Blue 2” Thermostats

<table>
<thead>
<tr>
<th>Single Stage</th>
<th>Multi-Stage</th>
<th>Heat Pump</th>
<th>Programs</th>
<th>Model Number</th>
<th>Model</th>
<th>Applications</th>
<th>Selectable Performance Features</th>
<th>Comfort and Convenience Features</th>
<th>Terminals</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/1</td>
<td>5+1+1</td>
<td>1F82-0261</td>
<td>✓</td>
<td>✓</td>
<td>B, H</td>
<td>2.0</td>
<td>✓</td>
<td>P, R, C, W, Y, O/B, G, L</td>
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<td>P, R, C, W, Y, O/B, G, L</td>
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</table>

### Single Stage Thermostats – Blue 2” Thermostats

<table>
<thead>
<tr>
<th>Single Stage</th>
<th>Multi-Stage</th>
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<th>Model Number</th>
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<th>Selectable Performance Features</th>
<th>Comfort and Convenience Features</th>
<th>Terminals</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/1</td>
<td>1/1</td>
<td>5+1+1</td>
<td>4</td>
<td>1F80-0261</td>
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<td>1/1</td>
<td>24 Hours</td>
<td>4</td>
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<td>✓</td>
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<td>P, R, C, W, Y, O/B, G</td>
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<tr>
<td>1/1</td>
<td>1/1</td>
<td>Easy Set Non-Programmable – Home-Sleep-Away</td>
<td>1F86EZ-0251</td>
<td>✓</td>
<td>✓</td>
<td>B, H</td>
<td>2.0</td>
<td>✓</td>
<td>P, R, C, W, Y, O/B, G</td>
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<tr>
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<td>1/1</td>
<td>Ø</td>
<td>Ø</td>
<td>1F86-0244</td>
<td>✓</td>
<td>✓</td>
<td>B, H</td>
<td>2.0</td>
<td>P, R, C, W, Y, O/B, G</td>
</tr>
</tbody>
</table>

* H = Hardwired (Requires Common)  
B, H = Battery Powered or Hardwired  
B = Battery Powered  
** Optional Continuous Display Light w/ Hardwire connection

## Technical Help

1F80-0224 / 1F80-0261 / 1F86-0244 / 1F87-0261...... Wiring Diagrams/Configuration......... See pages 155–156  
1F82-0261 / 1F89-0211...... Wiring Diagrams/Configuration......... See pages 157–158  

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