BLUE 4” UNIVERSAL AND SINGLE STAGE THERMOSTATS – 4 SQ. IN. DISPLAY
Premium Features for Staging or Single Choices – for Optimum System Control

FEATURES
• Available in Universal (Single Stage, Multi-Stage, Heat pump) or Single Stage Models.
• Programmable 7-Day, 5/1/1 Day, 5/2 Day, 0-Day or Non-Programmable.
• Gas, Oil, Electric, mV and 2 or 3-Wire Zone compatible.
• Automatic Heat/Cool changeover option.
• Keypad lockout and temperature limit options.
• Dual power – hardwired and/or battery powered.
• Fits vertical or horizontal junction box.
• Air filter change indicator option.
• Spanish language display models available.

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 ... 1.0 A per terminal,
1.5 A maximum all terminals combined
Setpoint Range ............................... 45 to 99°F (7 to 37°C)
Rated Differentials, Universal Models: Fast Med. Slow
Heat (Single Stage/Multi-Stage) ... 0.4°F 0.6°F 1.7°F
Cool (Single Stage/Multi-Stage) ... 0.9°F 1.2°F 1.7°F
Heat Pump ............................... 0.9°F 1.2°F 1.7°F
Emer. Heat ................................. 0.6°F 1.7°F
Rated Differentials - Single Stage Models: Fast Med. Slow
Heat (Single Stage/Multi-Stage) ... 0.4°F 0.6°F 1.7°F
Cool (Single Stage/Multi-Stage) ... 1.2°F 1.7°F
Heat Pump ............................... 1.2°F 1.7°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 7/16”H x 4 7/16”W x 1 1/4”D

PARTS AND ACCESSORIES See end of thermostats section for additional parts and accessories
• F61-2634 — Wallplate 6 1/2”W X 5”H, for use with or without horizontal junction box (included with thermostat)
• F61-2646 — Wallplate (6 pack of F61-2634 above)
• Thermostat Guards — see pages 34–35 for quick selection
### UNIVERSAL STAGING/HEAT PUMP THERMOSTATS – BLUE 4” THERMOSTATS

<table>
<thead>
<tr>
<th>Single Stage</th>
<th>Multi-Stage</th>
<th>Heat Pump</th>
<th>Programs</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>Stages Heat/Cool by System</td>
<td>Program Options</td>
<td>Periods per day Options</td>
<td>Model Number</td>
<td></td>
<td></td>
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<td>✓</td>
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<td>B, H</td>
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<td>4, Ø</td>
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<td>Ø</td>
<td>1F83-0422 Universal</td>
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</table>

** ST model is Spanish language display

### SINGLE STAGE THERMOSTATS – BLUE 4” THERMOSTATS

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<td>Model Number</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>5+1+1, 5+2, 0</td>
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<td>Ø</td>
<td>1F86ST-0471**</td>
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<td>✓</td>
<td>✓</td>
<td>B, H</td>
<td>✓</td>
</tr>
</tbody>
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** ST models are Spanish language display

* H = Hardwired (Requires Common)
B, H = Battery Powered or Hardwired
B = Battery Assist Powered

** Optional Continuous Display Light w/ Hardwire connection

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** TECHNICAL HELP **

1F80-0471 / 1F86-0471......Wiring Diagrams/Configuration...........See page 147
1F83-0471 / 1F85-0471......Wiring Diagrams...........................................See pages 148–149
1F83-0422 / 1F85-0422......Wiring Diagrams/Configuration...............See pages 149–151
1F85-0477..........................Wiring Diagrams/Configuration...........See pages 152–154

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