Blue™ Touchscreen
Universal Thermostat

12 square-inch touchscreens offer more features, delivering a new level of comfort to your customers.

Easy To Read
Large, 12 square inch display with 10 second backlight

Selectable Programming
Choice of 7 Day, 5+1+1 Day, or Non-Programmable

Dual Fuel Capable
Dual Fuel capable with Smart Fuel™ Logic Program or outdoor temperature sensor - 1F95-1291, 1F95-1277, 1F97-1277

Dual Powered
Choice of battery-powered or hardwired for all applications

Remote Sensor
Senses indoor or outdoor and at the thermostat

<table>
<thead>
<tr>
<th>Model</th>
<th>Universal - Humidity Control</th>
<th>Universal - Programmable Fan/Remote Sensor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1F95-1291</td>
<td>Single Stage</td>
<td>1/1</td>
</tr>
<tr>
<td>1F95-1277</td>
<td>Single Stage</td>
<td>1/1</td>
</tr>
</tbody>
</table>

White-Rodgers
EMERSON
**SPECIFICATIONS:**

**DIMENSIONS**
4.5”H X 5.9”W X 1.2”D

**SETPOINT RANGE**
45° to 99° F (7° to 37° C)

**RATED DIFFERENTIALS**
- Heat 0.6° F
- Cool 1.2° F

**OPERATING AMBIENT**
- Heat 0.6° F
- Cool 1.2° F

**OPERATING HUMIDITY RANGE**
90% non-condensing maximum

**SHIPPING TEMPERATURE RANGE**
-40° to 150° F (-40° to 65° C)

**ELECTRICAL RATING**
- **Battery Power:** mV to 30 VAC, NEC Class II, 50/60 Hz or DC
- **Hardwire:** 20 to 30 VAC
  - 1.5 Amps (load per terminal)
  - 2.5 Amps maximum load (all terminals combined)

**Standard Systems:**
- Single Stage gas, oil, electric
- Single Stage heat pump

**Millivolt Systems:**
- Multi-Stage gas, oil, electric (1F95-1291, 1F95-1277)
- Multi-Stage heat pump (1F95-1291, 1F95-1277, 1F97-1277)

**ACCESSORIES**
- **Remote Sensors:**
  - Indoor - F145-1328
  - Outdoor - F145-1378
- **Thermostat Guards:**
  - Clear - F29-1098
  - Metal - F29-0220 (solid base)
  - Metal - F29-0222 (ring base)
- **Wall Plates:**
  - F61-2600 (8.1”W x 5.4”H)
  - F61-2634 (6.5”W x 5”H)

**TERMINAL DESIGNATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>RC</th>
<th>RH</th>
<th>C</th>
<th>W/E</th>
<th>W2</th>
<th>Y</th>
<th>Y2</th>
<th>O/B</th>
<th>L</th>
<th>G</th>
<th>+</th>
<th>S</th>
<th>–</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>1F95-1291</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1F95-1277</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1F97-1277</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TERMINAL DESIGNATIONS**

<table>
<thead>
<tr>
<th>SINGLE STAGE</th>
<th>MULTISTAGE</th>
<th>ELECTRICAL RATING</th>
<th>ACCESSORIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Number</td>
<td>Program Options</td>
<td>Battery Power</td>
<td>Remote Sensors:</td>
</tr>
<tr>
<td>1F95-1291</td>
<td>7.5+1+1.0</td>
<td>Battery Power: mV to 30 VAC</td>
<td>Indoor - F145-1328</td>
</tr>
<tr>
<td>1F95-1277</td>
<td>7.5+1+1.0</td>
<td>Battery Power: mV to 30 VAC</td>
<td>Outdoor - F145-1378</td>
</tr>
<tr>
<td>1F97-1277</td>
<td>7.5+1+1.0</td>
<td>Battery Power: mV to 30 VAC</td>
<td>Thermostat Guards:</td>
</tr>
</tbody>
</table>

**SINGLE STAGE**

- **Stage Heat/Cool by System**
- **Model Number**
- **Program Options**
- **Periods Per Day Options**
- **Gas/Oil/Electric**
- **3 Wire Zone**
- **Millivolt**
- **Humidity Control (H) Humidity (D) Dehumidify**
- **Auto Changeover**
- **Power Source**
- **Optional continuous display light with hardwire connection**

**MULTISTAGE**

- **Optional continuous display light with hardwire connection**

**ELECTRICAL RATING**
- **Battery Power:** mV to 30 VAC, NEC Class II, 50/60 Hz or DC
- **Hardwire:** 20 to 30 VAC
  - 1.5 Amps (load per terminal)
  - 2.5 Amps maximum load (all terminals combined)

**ACCESSORIES**
- **Remote Sensors:**
  - Indoor - F145-1328
  - Outdoor - F145-1378
- **Thermostat Guards:**
  - Clear - F29-1098
  - Metal - F29-0220 (solid base)
  - Metal - F29-0222 (ring base)
- **Wall Plates:**
  - F61-2600 (8.1”W x 5.4”H)
  - F61-2634 (6.5”W x 5”H)

**TERMINAL DESIGNATIONS**

<table>
<thead>
<tr>
<th>1F95-1291</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1F95-1277</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1F97-1277</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TERMINAL DESIGNATIONS**

<table>
<thead>
<tr>
<th>1F95-1291</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1F95-1277</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1F97-1277</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TERMINAL DESIGNATIONS**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Program Options</th>
<th>Battery Power</th>
<th>Remote Sensors:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1F95-1291</td>
<td>7.5+1+1.0</td>
<td>Battery Power: mV to 30 VAC</td>
<td>Indoor - F145-1328</td>
</tr>
<tr>
<td>1F95-1277</td>
<td>7.5+1+1.0</td>
<td>Battery Power: mV to 30 VAC</td>
<td>Outdoor - F145-1378</td>
</tr>
<tr>
<td>1F97-1277</td>
<td>7.5+1+1.0</td>
<td>Battery Power: mV to 30 VAC</td>
<td>Thermostat Guards:</td>
</tr>
</tbody>
</table>

**ELECTRICAL RATING**
- **Battery Power:** mV to 30 VAC, NEC Class II, 50/60 Hz or DC
- **Hardwire:** 20 to 30 VAC
  - 1.5 Amps (load per terminal)
  - 2.5 Amps maximum load (all terminals combined)

**ACCESSORIES**
- **Remote Sensors:**
  - Indoor - F145-1328
  - Outdoor - F145-1378
- **Thermostat Guards:**
  - Clear - F29-1098
  - Metal - F29-0220 (solid base)
  - Metal - F29-0222 (ring base)
- **Wall Plates:**
  - F61-2600 (8.1”W x 5.4”H)
  - F61-2634 (6.5”W x 5”H)

**TERMINAL DESIGNATIONS**

<table>
<thead>
<tr>
<th>1F95-1291</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1F95-1277</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1F97-1277</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TERMINAL DESIGNATIONS**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Program Options</th>
<th>Battery Power</th>
<th>Remote Sensors:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1F95-1291</td>
<td>7.5+1+1.0</td>
<td>Battery Power: mV to 30 VAC</td>
<td>Indoor - F145-1328</td>
</tr>
<tr>
<td>1F95-1277</td>
<td>7.5+1+1.0</td>
<td>Battery Power: mV to 30 VAC</td>
<td>Outdoor - F145-1378</td>
</tr>
<tr>
<td>1F97-1277</td>
<td>7.5+1+1.0</td>
<td>Battery Power: mV to 30 VAC</td>
<td>Thermostat Guards:</td>
</tr>
</tbody>
</table>

**PRO CONTRACTOR BRANDING**
Your logo in sight, right when your customers need it.

**PROCONTRACTORBRANDING.COM**

©2020 Emerson Electric Co. • White-Rodgers and Emerson are trademarks of Emerson Electric Co. All rights reserved • Customer Service or Technical Help: 888-725-9797 • Emerson.com/White-Rodgers