Temperature Sensors

**Series WTP-W**

Wireless Wall Mount Temperature Sensors
Transmits up to 100 Feet, Manual Override

The Series WTP-W Wireless Wall Mount Temperature Sensors allows flexibility in office buildings with cubicles or in hotel rooms. Without any wires to limit the location of the sensor, it can be moved quickly without any interruption in temperature measurement. Optional temperature set point and manual override features allow users to adjust temperatures to make the ambient conditions more comfortable.

A reliable 418 MHz signal can carry the measurements up to 100 feet without a repeater. With the optional 900 MHz repeater, measurements can be transmitted up to 1000 feet away.

### SPECIFICATIONS
- **Temperature Range:** -40 to 185°F (-40 to 85°C).
- **Accuracy:** ±0.54°F (±0.3°C).
- **Temperature Limits:** Ambient: 32 to 140°F (0 to 60°C).
- **Humidity Limits:** 5 to 95% RH non-condensing.
- **Power Requirements:** (2) 3.6 V ER14505 AA lithium metal batteries, included, user replaceable.
- **Transmitter Interval Rate:** Approximately 10-15 seconds.
- **Housing Material:** ABS plastic.
- **Enclosure Rating:** UL 94 V-0.
- **Antenna:** 418 MHz - Built inside enclosure.
- **Weight:** 0.25 lb (113 g).
- **FCC Approval:** FCC ID# T4F061213RSO.

<table>
<thead>
<tr>
<th>Model</th>
<th>Set Point Adjustment</th>
<th>Manual Override</th>
</tr>
</thead>
<tbody>
<tr>
<td>WTP-W0</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>WTP-W10</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>WTP-W01</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>WTP-W11</td>
<td>Yes</td>
<td>Yes</td>
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</table>

### ACCESSORIES
- WM-4SS, DIN Rail Mount Receiver
- WM-PSS, DIN Rail Mount Repeater with Standard Antenna
- WM-CSF-4A, DIN Rail Mount 4 to 20 mA Temperature Output Module Range 50 to 90°F (10 to 32°C)
- WM-VSF-1A, DIN Rail Mount 0 to 10 VDC Temperature Output Module Range 50 to 90°F (10 to 32°C)
- WM-SBV-07, DIN Rail Mount 0 to 10 VDC Set Point Output Module
- WM-RSO, DIN Rail Mount Normally Open Override Output Module
- WM-RSC, DIN Rail Mount Normally Closed Override Output Module

**Series WTP-R**

Wireless Remote Probe Temperature Sensors
Transmits up to 100 Feet, Up to 25 Capillary

The Series WTP-R Wireless Remote Probe Temperature Sensors can be used to monitor surface temperature of water lines or in locations where space is limited. For greater flexibility, the enclosure for the electronics can be mounted up to 25 feet from the temperature measurement point. By sampling the temperature measurement every 10 seconds, the battery is able to power the unit for up to 8 years.

A reliable 418 MHz signal can carry the measurements up to 100 feet without a repeater. With the optional 900 MHz repeater, measurements can be transmitted up to 1000 feet away.

### SPECIFICATIONS
- **Temperature Range:** -40 to 185°F (-40 to 85°C).
- **Accuracy:** ±0.2°C.
- **Temperature Limits:** Ambient: 32 to 140°F (0 to 60°C).
- **Humidity Limits:** 5 to 95% RH non-condensing.
- **Power Requirements:** (2) 3.6 V ER14505 AA lithium metal batteries, included, user replaceable.
- **Battery Life:** 8 years (approximately).
- **Transmitter Interval:** Approximately 10 seconds.
- **Housing Material:** ABS plastic.
- **Enclosure Rating:** UL 94 V-0, NEMA 4X (IP66).
- **Antenna:** 418 MHz - Built inside enclosure.
- **Weight:** 0.85 lb (386 g).
- **FCC Approval:** FCC ID# T4F06811RH.

<table>
<thead>
<tr>
<th>Model</th>
<th>Capillary Length</th>
</tr>
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<tbody>
<tr>
<td>WTP-R05</td>
<td>5′ (1.5 m)</td>
</tr>
<tr>
<td>WTP-R10</td>
<td>10′ (3 m)</td>
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<tr>
<td>WTP-R15</td>
<td>15′ (4.6 m)</td>
</tr>
<tr>
<td>WTP-R20</td>
<td>20′ (6.1 m)</td>
</tr>
<tr>
<td>WTP-R25</td>
<td>25′ (7.6 m)</td>
</tr>
</tbody>
</table>

### ACCESSORIES
- WM-4SS, DIN Rail Mount Receiver
- WM-PSS, DIN Rail Mount Repeater with Standard Antenna
- WM-CSF-4A, DIN Rail Mount 4 to 20 mA Temperature Output Module Range 32 to 185°F (0 to 85°C)
- WM-VSF-1A, DIN Rail Mount 0 to 10 VDC Temperature Output Module Range 32 to 185°F (0 to 85°C)
- WM-SSV-07, DIN Rail Mount 0 to 10 VDC Set Point Output Module
- WM-RSO, DIN Rail Mount Normally Open Override Output Module
- WM-RSC, DIN Rail Mount Normally Closed Override Output Module
- WM-VSF-1G, 0 to 10 VDC Temperature Output Module Range 50 to 90°F (10 to 32°C)
- WM-CSF-4G, 4 to 20 mA Temperature Output Module Range 32 to 185°F (0 to 85°C)
- WM-RSO, DIN Rail Mount Normally Open Override Output Module
- WM-RSC, DIN Rail Mount Normally Closed Override Output Module

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