BH-330 IN-LINE TEMPERATURE CONTROLLER/BH-310 REMOTE CONTROL

► Outdoor and wet-area use
► Sleek in-line design
► Fast-Adaptive-Tuning adjusts control parameters to your process
► LED status indicator
► Plug & Play design
► Remote control programming
► Adjustable min/max temperatures
► Heater and sensor wires in one connection
► Accessories for wall or pipe mounting

Specifications:

- **Input Voltage:** 90—260 VAC, 50—60 HZ
- **Max Amp Load:** 10 amps
- **Temperature Control Range:**
  - Type-K Thermocouple: -200°C to 1350°C (-328°F to 2462°F)
  - PT100-RTD: -25°C to 600°C (-13°F to 1112°F)
- **Temperature Display Units:** none (Requires WRZF310N-BH01)
- **Display:** 3-color LED for signaling of operating conditions
- **Sensor input options:** Option for Type-K thermocouple or PT100-RTD
- **Operation:** FAT, Fast-Adaptive-Tuning
- **Input Power Cord/Connections:** 1 m (3.3 ft) long with 2-pin grounded plug

Output Power Cord/Connection: 0.6 m (1.9 ft) long with 6+PE connector

Safety Features:
- Safety-shutdown-relay (breaks heating power circuit on sensor failure)

Environmental Exposure:
- **Operating range:** -20°C to 45°C (-4°F to 113°F)
- **Storage range:** -20°C to 85°C (-4°F to 185°F)
- Relative humidity: < 100% non-condensing temperatures

Enclosure dimensions (including cables):
- 2100 mm long x 45 mm wide x 21 mm high
  (8.27 in x 1.75 in x 0.82 in)

Enclosure Protection: IP67

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DIGITAL TEMPERATURE CONTROLLERS

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Applications:
The BH-330 provides an “all in one” solution for process heating and control in an easy to install unit. Temperature monitoring and power to the heater is integrated into a single cable for a cleaner installation.

- Freeze protection
- Viscosity control
- Tank and drum heating
- Extrusion
- Gas handling
- Industrial heating

Ordering Information:

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Controller</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRL330PR-BH01</td>
<td>In-line controller with PT100-RTD input</td>
</tr>
<tr>
<td>WRL330KR-BH02</td>
<td>In-line controller with Type-K/TC input</td>
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<tr>
<td>WRZF310N-BH01</td>
<td>IR Remote Control Programming Unit</td>
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<tr>
<th>Part No.</th>
<th>Accessory</th>
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<tbody>
<tr>
<td>WRZMCH40-BH00</td>
<td>Wall mounting clip</td>
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<tr>
<td>WRZMCH41-BH01</td>
<td>Mounting clip with 250 mm hook and loop strap</td>
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<tr>
<td>WRZMCH42-BH02</td>
<td>Mounting clip with 500 mm hook and loop strap</td>
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<tr>
<td>WRZSOH904-BH01</td>
<td>Controller connection to heater- 6+PE style</td>
</tr>
</tbody>
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BH-310 REMOTE CONTROL PROGRAMMING UNIT

- Control range from 0.5 m (1.8 ft) up to 7 m (22.7 ft)
- 3-Key touch pad interface
- Displays PV (actual) and SV (set) temperatures
- Backlit LCD display
- Auto-shutoff
- Programs multiple controls with individual setpoints
- IP40 Enclosure

Specifications:
- Operating Range: 0°C to 40°C (32°F to 104°F)
- Batteries: 1.5 VAC size AA x 2 (included)
- Enclosure Dimensions: 135 mm x 70 mm x 24 mm