

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

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 are integrated into a single cable for a cleaner installation.

Features & Benefits

- ▶ Sleek in-line design
- ▶ LED status indicator
- ▶ Wireless remote control programming
- ▶ Adjustable min/max temperatures
- ▶ Accessories for wall or pipe mounting
- ▶ Outdoor and wet-area use
- ▶ Fast-adaptive-tuning adjusts control parameters to your process
- ▶ Heater and sensor wires in one connection

Specifications

Input Voltage: 90–260 VAC, 50–60 HZ

Maximum Amp Load: 10 amps

Temperature Control Range:

- Type-K Thermocouple: -328°F to 2462°F (-200°C to 1350°C)
- PT100-RTD: -13°F to 1112°F (-25°C to 600°C)

Temperature Display Units: None (requires WRZF310N-BH01 Remote)

Display: 3-color LED for signaling of operating conditions

Sensor Input Options: Option for Type-K thermocouple or PT100-RTD

Operation: Fast-Adaptive-Tuning (FAT)

Input Power Cord/Connections: 3.2 ft (1 m) long with 2-pin Schuko CEE 7/7 grounded plug

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

Safety Features:

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

Environmental Exposure:

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

Enclosure Dimensions (including cables): 8.27 in L x 1.75 in W x 0.82 in H (210 mm L x 45 mm W x 21 mm H)

IP Rating: IP67



NEW!



Plug & Play



IR remote control required, sold separately



WRZMCH40-BH00
Wall mounting clip



WRZMCH41-BH00
Wall mounting clip with hook and loop strap

Ordering Information

Part No.	Description
WRL330PR-BH01	BH-330 in-line controller with PT100-RTD input
WRL330KR-BH02	BH-330 in-line controller with Type-K thermocouple input
WRZF310N-BH01	IR remote control programming unit (required)

Accessories

Part No.	Description
WRZMCH40-BH00	Wall mounting clip
WRZMCH41-BH01	Mounting clip with 9.8 in (250 mm) hook and loop strap
WRZMCH42-BH02	Mounting clip with 19.7 in (500 mm) hook and loop strap
WRZSOH904-BH01	Controller connection to heater- 6+PE style