

## PRODUCT SPECIFICATION

### 1. PRODUCT OVERVIEW

- **Product Name:** QFlo Temperature Controller
- **Model Number:** QFlo-UTC-10-40-V1
- **Description:** The QFlo Temperature Controller is an advanced temperature controller designed for precision temperature management in residential, commercial, and industrial settings. It offers a user-friendly interface, smart connectivity, and robust performance.

### 2. TECHNICAL SPECIFICATIONS

- **Dimensions:** 80mm x 120mm x 60mm
- **Weight:** 310g
- **Material:** Flame-retardant polycarbonate with operating temperature range of - 20°C to + 110°C
- **Input voltage:** 12v -to 48v AC or DC
- **Outputs:**
  - **Cooling relay:** 10A 250V
  - **Heating relay:** 10A 250V
  - **Pump-over relay:** 10A 250V
- **Temp differential:** 0.1°C to 2.5°C
- **Temperature Range:** -10°C to 40°C
- **Accuracy:** ±0.5°C
- **Response Time:** <1 second
- **Connectivity:** Wi-Fi 2.4G, LoRa EU868, Bluetooth BLE
- **Resolution:** ±0.1°C
- **Stability:** ±0.1°C per year

### 3. FEATURES

- **Display:** 2" (5cm) Colour LED
- **Control Modes:** Automatic
- **Safety Features:** Overheat protection, customizable alarms, automatic shutdown
- **Energy Efficiency:** Low power device

### 4. ENVIRONMENTAL CONDITIONS

- **Ingress Protection:** IP66
  - **Operating Temperature:** 5°C to 40°C
  - **Storage Temperature:** 0°C to 60°C
  - **Humidity:** 10% to 90%
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## 5. PACKAGING AND ACCESSORIES

- Included Items:
  - Temperature controller unit
  - Quick-start guide
  - User manual

## 6. WARRANTY

- 1-year limited warranty

## SUPPORT

- For assistance, contact our support team at:
  - Phone: +27 21 557 5847
  - Email: [support@qflo.co.za](mailto:support@qflo.co.za)
- Warranty claims can be processed via our website at [www.qflo.co.za](http://www.qflo.co.za).