



Specification Sheet: **PWFSTAT** Wi-Fi Programmable Room Thermostat

Product Overview

The PWFSTAT is a Wi-Fi-enabled, programmable room thermostat designed to provide advanced heating control via mobile app and voice assistants. With intuitive touch buttons, a large backlit display, and smart scheduling options, it combines user convenience with energy efficiency for domestic heating systems.

Technical Specifications

Power Supply (Thermostat)	2 x AAA batteries
Power Supply (Receiver)	220-240V AC 50 Hz - Maximum 10A resistive load capacity
Display	Large LCD with backlight
Control Accuracy	+/-0.5 degrees C
Temperature Range (Set Point)	5 degrees C - 30 degrees C
Ambient Operating Range	0 degrees C - 50 degrees C
Relative Humidity	Up to 85% RH
Sensor Type	NTC 10K
Protection Class	IP20
Housing Material	ABS UL94-5 fire retardant
Communication	Wi-Fi (2.4 GHz) - RF frequency: 868Mhz
App Integration	Compatible with Smart Life / Tuya
Voice Control	Works with Amazon Alexa and Google Assistant
Certification	UKCA, CE, RoHS compliant

Key Features

- Wi-Fi connectivity for remote access via smartphone
- Compatible with Alexa and Google Assistant
- 4 programmable time/temperature periods per day
- Weekday programming (5+1+1): Mon-Fri, Sat, Sun
- Comfort, energy-saving, and holiday temperature modes
- Open-window detection with adjustable parameters
- Temperature calibration and switching sensitivity
- Battery-powered and wall-mounted
- Large backlit LCD with capacitive touch buttons

Programming & Modes

- Daily scheduling with 4 configurable time slots
- Modes: Comfort, Energy-saving, Holiday
- Manual override and hold features
- Open-window detection with delay and temperature-drop settings

Installation Notes

- Mount on an internal wall in a well-ventilated area
- Ensure unobstructed Wi-Fi signal to the router
- Follow app-based pairing instructions to connect to the home network
- Use address code pairing for multi-device setups



TFC GROUP

Wi-Fi PROGRAMMABLE ROOM THERMOSTAT: PWFSTAT



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