

Thermostat Specifications





Thermostat Specifications 2025



Features

Hub-Dependent Connectivity	Connects to the internet via a DOOR Hub, not directly via WiFi or local network
Programmable Scheduling	Up to 4 schedule periods per day with both heat and cool setpoints; schedules run locally on the device even without internet
Energy Saving (ECO) Mode	Auto-adjusts setpoints to conserve energy, customizable with 2°F–9°F (1°C–5°C) offsets
Dual Power Stage Support	Configurable Y1/Y2 settings for multi-stage HVAC systems
Auxiliary Heat Control	Adjustable start time, duration, and temperature gap thresholds
Manual Calibration	For offsetting temperature readings
User Interface Features	Large LCD display with customizable background color (black/blue) Adjustable screen brightness and timeout Button sounds can be toggled ON/OFF
Mode and Fan Control	Switch between AUTO, HEAT, COOL, and OFF modes; fan can be set to AUTO or ON
Minimum Runtime Delay	Prevents frequent cycling to protect HVAC system



Dimensions

Imperial	4.52 in (L) × 4.52 in (W) × 0.87 in (D)
Metric	115 mm (L) × 115 mm (W) × 22.2 mm (D)

Specs

Input	AC 24V
Output	AC 24V
Rated Current	90mA
Maximum Output Current	W1/W2/G/Y1/Y2/AUX: <1A per channel (resistive), total <1.5A
Rated Power	2.2W
Maximum Power	3W
Power Supply Method	Wiring Terminal
Measured Object	Ambient Temperature
Output Format	Wiring Terminal
ECO Setting Range	2°F - 9°F (1°C - 5°C)
Calibration Range	-9°F - 9°F (-5°C - 5°C)
Wireless Range	>300m (Open-Air)
Frequency (US Version)	LoRa: 910.3MHZ/923.3MHZ

Environmental

Operating Temperature	-4°F - 122°F (-20°C-50°C)
Operating Humidity	≤95%RH, non-condensing
Storage Temperature	-4°F - 122°F (-20°C-50°C)