

Armada Smart Thermostat

HVAC Health Monitoring, Energy Savings, and Resident Comfort

Powered by Sensi Lite by Copeland | Model 1F76U-22WFB | ENERGY STAR Certified



Powered by
armada

The Armada Smart Thermostat gives property managers visibility into HVAC performance across their portfolio — and gives residents intuitive, app-based control of their own comfort. It installs quickly in most systems, monitors both temperature and humidity, and sends proactive alerts when something needs attention. Property managers access data, alerts, and reports through Fleet Commander and the Armada Power mobile app. Residents control their thermostat and receive alerts through the app as well.

Value for the Property

- Portfolio-level HVAC monitoring through Fleet Commander — track performance, catch problems early, and reduce reactive maintenance calls.
- Smart Alerts notify management when temperatures or humidity exceed thresholds, or when the system cycles abnormally — a key indicator of equipment issues.
- Setpoint scheduling and vacation mode reduce energy waste in unoccupied or between-tenancy units.
- 5-year limited pro warranty and ENERGY STAR certification.

Value for the Resident

- Control temperature from anywhere with the Armada Power app for iOS and Android.
- Flexible 7-day scheduling lets residents set temperatures around their daily routines, saving energy automatically.
- Average HVAC energy savings of approximately 23% through scheduling, remote access, and usage awareness.
- High and low temperature alerts keep residents informed about comfort and equipment issues in their unit.

How it Works

The thermostat continuously monitors temperature, humidity, and HVAC cycle performance, sending data to Fleet Commander. Property managers receive proactive alerts when any metric falls outside the property's specifically configured thresholds. Meanwhile, residents maintain personal control by setting schedules, adjusting temperatures remotely, and enabling vacation mode through the Armada Power mobile app.

Smart Alert Triggers

High temperature, low temperature and high humidity alert triggers are user-defined at the property level, ensuring alerts align with site-specific requirements.

Both property teams and residents receive alerts through the Armada Power app. Property managers also have full visibility through Fleet Commander.

Scheduling and Energy Features

- 7-day scheduling with up to 8 periods per day
- Geofencing for automatic home/away temperature adjustment
- Vacation mode for unoccupied or between-tenancy units
- Energy Management Recovery and Early Start — reaches setpoint on schedule without overcycling
- Auto changeover between heat and cool modes

From Reactive Management to Predictable Performance.

For more information email sales@armadapower.com or call 1 (855) 820-7500.



Armada Smart Thermostat – Specifications

Hardware Specifications

Model	Sensi Lite by Copeland 1F76U-22WFB (Black) 1F76U-22WF (White)
Dimensions	5.1" W x 3.1" H x 0.88" D
Display	2.25" LCD with backlight on key press
Power Source	Hardwire / Common wire (H) or Power Sharing (PS) – no C-wire required in most systems
Setpoint Range	45°F to 99°F (7°C to 37°C)
Sensors	1 temperature sensor 1 humidity sensor
Certifications	ENERGY STAR Certified Title 24 Compliant
Warranty	5-year limited pro warranty

Electrical & Environmental

Electrical Rating	20–30 VAC, 50/60 Hz 1.5A max per terminal 2.5A max all terminals combined
Operating Ambient	32°F to +105°F (0°C to +41°C)
Humidity Range	0%–90% RH non-condensing (operating)

Wireless Connectivity

Wi-Fi	2.4 GHz 802.11 a/b/g/n
Bluetooth	Bluetooth Low Energy (BLE)
App Access	Armada Power App (residents) Fleet Commander (property management)
Smart Home	Amazon Alexa Google Assistant Samsung SmartThings

Supported System Types

- Single-stage gas, oil, or electric heating and cooling
- Single-stage heat pump with auxiliary heat
- Two-stage gas, oil, or electric heating and cooling
- Heat-only systems (gas furnace, electric furnace, boiler)
- Cool-only systems (air conditioner)
- Heat pump only / heat pump with gas or electric backup

Terminal Designation

- R – Power | Y – Cooling | G – Fan
- W/E – Heat / Emergency heat
- O/B – Heat pump changeover
- C – Common (required for heat-only and cool-only systems)

Keypad & Access Controls

- Total keypad lockout – prevents resident override
- Partial keypad lockout – restricts specific controls
- Adjustable min/max setpoint temperature limits
- Filter change reminder

Smart Alert Reference

Alert Type	Trigger Condition
High Temperature	High temperature alert thresholds are fully customizable to meet specific property requirements
Low Temperature	Low temperature alert thresholds are fully customizable to meet specific property requirements
High Humidity	High-humidity alert thresholds are fully customizable to meet specific property requirements

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