

Smart Electric Floor Heating Thermostat

PRODUCT OVERVIEW



The next generation connected control platform from NUHEAT!



This maestro of comfort and luxury features a sophisticated design that blends in with any décor.

Key features include...

- Vanishing, touch-sensitive display
- Next gen connectivity for over-the-air updates, enhanced security, and mobile device setup using Bluetooth®, *no Wi-Fi required!*
- Intuitive new apps for iOS® and Android®
- The broadest array of smart device & home automation integration, full list at [NUHEAT.com/connected-home](https://www.nuheat.com/connected-home)
- Open API for custom integrations and future-proof compatibility
- Advanced new features such as Auto-Adaptive Scheduling, Early Start, Open Window Detection, and Vacation Mode



| Part # | Catalog # Short Description | UPC | Long Description | Inner Case QTY | Master Case QTY | List Price USD | List Price CAD |
|------------|--------------------------------|--------------|--|----------------|-----------------|----------------|----------------|
| 2000005250 | CONDUCTOR | 715629422668 | CONDUCTOR Connected Smart Programmable Dual-Voltage Thermostat | 10 | 40 | \$283.43 | \$298.34 |

CLASSIFICATION

This product is a Class II device (reinforced insulation) and must be connected to phase L1 (L) 120/208/240 V and Neutral L2 (N). The maximum load is 15 A (resistive load). The terminals are suitable for field wiring cables of 12 to 22 AWG. The heating element must be in accordance with the supply voltage. The thermostat is to be used with 120 V / 208 V / 240 V electric underfloor heating or 120 V / 208 V / 240 V two-wire electric baseboard heaters.

TECHNICAL DATA

| | |
|----------------------------|--|
| Supply Range | 120/208/240 Vac 50/60 Hz |
| Load | 15 A max (resistive load) |
| Max Power | 1800 W at 120 Vac; 3120 W at 208 Vac; 3600 W at 240 Vac |
| Built-in GFCI | Class A (5 mA trip level) |
| Temperature Range | +5 to +40°C / +41 to +104°F |
| Ambient Temperature Range | 0 to +25°C / +32 to +77°F |
| Max. Temperature Presets | Tile/stone (40°C / 104°F), Laminate/vinyl (28°C / 82°F), Wood (27°C / 80°F), Custom |
| Wi-Fi | IEEE 802.11 b/g/n, 2.4 GHz |
| Bluetooth® | Version 4.2 (BDR/EDR/BLE) |
| Contains FCC ID | XPYNINAW106 |
| Contains IC ID | 8595A-NINAW106 |
| Construction of Control | Electronic room thermostat for regulating 120 V / 208 V / 240 V electrical underfloor heating. Also compatible with 120 V / 208 V / 240 V two-wire electric baseboard heaters. |
| Method of Mounting Control | Independently mounted control for flush mounting |
| Sensing Capability | Floor sensing, room sensing, or hybrid control (floor sensor included) |
| Type of Action | Type 2.B. |
| Rated Impulse Voltage | 2500 V |
| Warranty | 3-Year limited warranty |
| Certification | c UL us Listed |
| UL File Number | E157297 (according to the following standards...) <ul style="list-style-type: none">- Thermostat: UL 60730-2-9; CSA E60730-2-9- GFCI: UL 943 5th ed.; CSA C22.2 No.144.1-16 2nd ed. |

COMPATIBLE SMART HOME & HOME AUTOMATION SYSTEMS

Go to [NUHEAT.com/connected-home](https://www.nuheat.com/connected-home) for a complete list of integrations. Open API architecture enables custom integrations. Find the Conductor thermostat's Open API documentation at <https://api.myNUHEAT.com/>.

Patent pending

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