

Engineering Specification

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

SunStat® ConnectPlus™

Wi-Fi Programmable Touchscreen Thermostat

This all-in-one thermostat includes a built-in relay to control 120 or 240 VAC floor heating systems and a GFCI to improve safety. By default, the SunStat® ConnectPlus™ controls the floor temperature. It can optionally limit the floor temperature to prevent the space from overheating, or be configured to control the space through air temperature alone.

Specifications

Literature	IOM-ST-ConnectPlus Thermostat, ES-ST-ConnectPlus Thermostat
Operation Voltage	120/240 VAC, 60 Hz, 3 watts
Maximum Load	15 amps resistive
Maximum Power	1800 watts at 120 VAC 3600 watts at 240 VAC
GFCI	Class A (5 mA trip)
Dimensions	4.73" H x 3.11" W x 1.9" D (120 x 79 x 48 mm)
Ambient conditions	32 to 86°F (0 to 30°C), <90% RH non-condensing
Floor Sensor	Thermistor, 10k NTC type, 300 V jacketed cable, 15' long



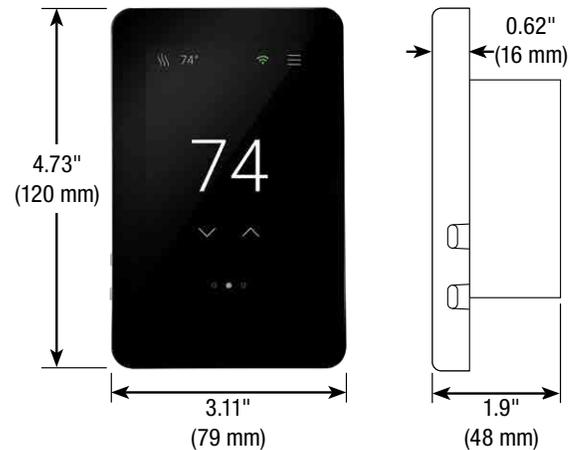
Floor Sensor



SunStat ConnectPlus

Features

- Floor or air-sensing temperature control
- Remote access via Watts Home mobile app
- Compatible with Voice commands
- Large touchscreen display
- Easy-to-use scheduling
- Weather/Clock display options
- Portrait/Landscape display
- Guided setup
- Comprehensive help screens
- Energy use monitoring
- Overcurrent and Voltage-level sensing
- Wired or Wireless connection to SunStat® R4 Relay (sold separately)
- Wireless connection to ConnectPlus Smart Sensor(sold separately)
- Floor Sensor included
- 3 Year warranty



UL Listed under UL 943, UL/CSA 60730, UL 991
 Listing file number E365015.

CAUTION

This Engineering Sheet is not intended to provide full installation instructions and safety information. In order to avoid property damage or injury, please refer to the complete installation manual and product safety information provided with the product.

PRODUCT OPTIONS

Qty	Description	Model#	Order#
	SunStat ConnectPlus Thermostat	500900-SB	81020606
	Extra Floor Sensor (optional)	500110	81009178
	SunStat R4 Relay (optional)	500980	81020608
	ConnectPlus Smart Sensor	500120	81020611

SunTouch product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact SunTouch Technical Service. SunTouch reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on SunTouch products previously or subsequently sold. Refer to the owner's manual for warranty information.



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