

# Engineering Specification

Job Name \_\_\_\_\_  
 Job Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Approval \_\_\_\_\_

Contractor \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Contractor's P.O. No. \_\_\_\_\_  
 Representative \_\_\_\_\_

## SunStat® CommandPlus™

### 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® CommandPlus™ 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

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



Floor Sensor



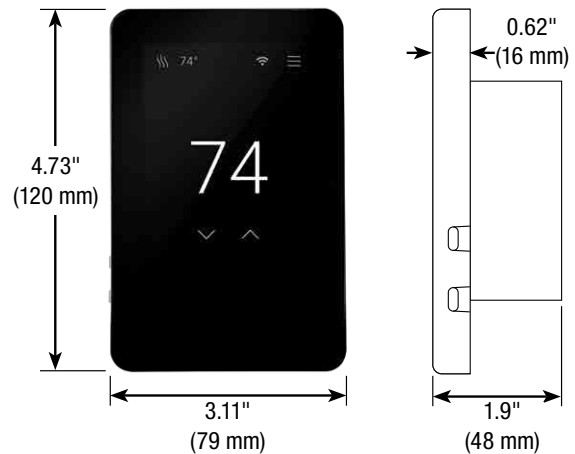
SunStat CommandPlus

#### Features

- Floor or air-sensing temperature control
- Remote access via Watts® Home mobile app
- Large touchscreen display
- Easy-to-use scheduling
- Portrait display
- Guided setup
- Comprehensive help screens
- Energy use monitoring
- Voltage-level sensing
- Wired connection to SunStat® R4 Relay (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 CommandPlus Thermostat	500950-SB	81021154
	Extra Floor Sensor (optional)	500110	81009178
	SunStat R4 Relay (optional)	500980	81020608

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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