



STRATA_HEAT™ Smart LCD Thermostat

DS-36649-0222

**Globally Proven
Construction Solutions**



Advantages

- 120v /240v compatibility
- Single step set-up through QR code
- High Resolution capacitive LCD touch screen
- Customizable interface
- Reduced Wi-Fi load pull
- Smart home compatibility
- Uses smartphone GPS location services
- Built in Ground Fault Control (GFC)

Suitable Substrates

1. PRODUCT NAME

STRATA_HEAT™ Smart LCD Thermostat

2. MANUFACTURER

LATICRETE International, Inc.
 1 LATICRETE Park North
 Bethany, CT 06524-3423 USA
 Telephone: +1.203.393.0010, ext. 1235
 Toll Free: 1.800.243.4788, ext. 1235
 Fax: +1.203.393.1684

3. PRODUCT DESCRIPTION

The STRATA_HEAT Thermostats are dual voltage 120V/240V and simple to use; the STRATA_HEAT Programmable Thermostat is a digital programmable thermostat and the STRATA_HEAT Wi-Fi Thermostat can be controlled through smart phone technology. The STRATA_HEAT Thermostats are designed to be used with the STRATA_HEAT Wire whether it is installed with the STRATA_MAT Spacing Strips or the STRATA HEAT Mat. All electrical connections must be made by a licensed electrician. Failure to do so will void all warranties and claims. Comply with all applicable building and electrical codes.

Parts

- One (1) power base
- One (1) Sensor Probe
- Two (2) screws

4. TECHNICAL DATA

Physical Properties

Model	Type	Supply	Max. Load	Floor Sensor	GFCI
0804-0403-TW	Wifi Thermostat	120V/240V	15A, 60 Hz	NTC (10K)	5 mA
0803-0404-TW	Smart LCD Thermostat	120V/240V	15A, 60 Hz	NTC (10K)	5 mA

Storage: -4°F to 140°F (-20°C to 60°C)

Size (H x W x D) 3.54 x 4.72 x 0.85 in. (90 x 120 x 21.7 mm)

2 3/4" (7 cm) double gang box is recommended

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

5. INSTALLATION

• Guidelines

Turn off power to the heating system at the main electrical panel to avoid electrical shock. The installation should be carried out by an electrician. See Easy Set Up Guide DS-46.4 and

DS-0507 provided with unit.

Description	Number	Type
STRATA_HEAT Wi-Fi Thermostat	DS-046.4	Easy Set Up Guide
STRATA_HEAT Programmable Thermostat	DS-050.7	Easy Set Up Guide
STRATA_HEAT Wi-Fi Thermostat	DS-046.2	Operating Manual
STRATA_HEAT Programmable Thermostat	DS-050.4	Operating Manual
STRATA_HEAT Wi-Fi Thermostat	DS-044.8	Troubleshooting guide

10. FILING SYSTEM

Additional product information is available on our website at laticrete.com. The following is a list of related documents:

- DS 230.13: LATICRETE Product Warranty (United States and Canada)
- DS 605.0: Floor Warming Mat
- DS 601.1: Installation Instruction Guide

6. AVAILABILITY AND COST

Availability

LATICRETE materials are available worldwide.

For Distributor Information, Call:

Toll Free: 1.800.243.4788

Telephone: +1.203.393.0010

7. WARRANTY

See 10. FILING SYSTEM:

- DS 230.13: 1 Year Product Warranty

8. MAINTENANCE

The Internal STRATA_HEAT™ Thermostat GFCI (Ground Fault Circuit Interrupt) should be tested monthly to ensure continued safe operation. If an external GFCI is utilized, it should also be tested monthly.

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling the LATICRETE Technical Service Hotline:

Toll Free: 1.800.243.4788, ext. 1235

Telephone: +1.203.393.0010, ext. 1235

Fax: +1.203.393.1948