



# STRATA\_HEAT™ Smart LCD Thermostat

DS-36649-0324

**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

Website: [laticrete.com](http://laticrete.com)

## 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. Also go to [www.laticrete.com](http://www.laticrete.com) for the following information:

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

## Technical and Safety Literature

To acquire technical and safety literature, please visit our website at [laticrete.com](http://laticrete.com).

## 10. FILING SYSTEM

Additional product information is available on our website at [laticrete.com](http://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

For on-line distributor information, visit LATICRETE at [laticrete.com](http://laticrete.com)

### Cost

Contact a LATICRETE Distributor in your area.

## 7. WARRANTY

See 10. FILING SYSTEM:

- 1 Year Product Warranty (US - English)

## 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

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