

TempZone® Custom

Installation Checklist

Use this checklist to ensure you have everything needed before beginning your TempZone® floor heating installation.

Installation Support available 24/7 at **(800) 875-5285** or **sales@warmlyyours.com**.

 24/7 SUPPORT

 EXPERTS SINCE 1999

 TEMPZONE® FLOOR HEATING

Materials & Tools Required

Before beginning your TempZone® Custom installation, confirm that you have all of the following materials and tools on hand. Use the checkboxes below to verify each item prior to starting work.

☐ WarmlyYours TempZone Heating Mats

The primary heating element. Confirm the correct mat size and wattage per your Custom Design Layout. A back-up floor sensor probe is also included with your Custom Mat.

☐ Thermostat with Sensor Probe Wire

Check your thermostat package — most WarmlyYours' thermostats include their own sensor. **The floor sensor must be installed during installation; it cannot be added afterward.**

☐ Custom Design Layout

Provided free with your WarmlyYours quote. Keep this on-site throughout the installation process. Don't have a SmartPlan? Submit your photo or sketch [here](#).

Adhesives, Tapes & Compounds

The right adhesive and leveling materials ensure the heating mat is properly secured and protected within the floor assembly. Select materials appropriate for your subfloor type.

□ **Duct Tape or Box Tape**

WarmlyYours recommends **3M 6969 Hi-Temp Duct Tape** for securing mat edges and sensor probe wire in place.

□ **Plastic Notched Trowel**

Used to spread thinset or mortar over the heating mat during tile installation without damaging the cable. Use a **1/4" × 1/4" square-notch** trowel for proper cable encapsulation.

□ **Thinset Mortar**

(Required for all installations) Apply a layer of thinset to the subfloor using a **1/4" × 1/4" square-notch plastic trowel** before laying the Custom Mat.

□ **Self-Leveling Cement**

(Required for Cable Fixing Strip installations) Encapsulates and protects the heating cable in the floor assembly when Cable Fixing Strips are used. Also recommended for concrete subfloor installations where additional leveling is needed.

Underlayment & Insulation

Installing over concrete? An insulating underlayment significantly improves heating efficiency by directing heat upward toward the living space rather than into the slab below.

❑ ThermalSheet Insulating Underlayment

WarmlyYours offers **ThermalSheet** specifically for installing floor heating systems over concrete.

- Recommended to increase system efficiency
- Not mandatory, but strongly advised for concrete subfloors
- Reduces heat loss downward into the slab

❑ Hot Glue Gun

Required for concrete applications and when installing over ThermalSheet underlayment. Used to secure the heating mat to the subfloor or underlayment surface before embedding.

- Standard hot glue gun with general-purpose glue sticks
- Keeps mat in position during thinset or self-leveling cement application

 *If using ThermalSheet underlayment, it must be fully bonded to the subfloor using a modified thinset or bond coat adhesive before placing the heating mat. Do not lay ThermalSheet loose — an unbonded underlayment can cause mat movement and cable damage.*

❑ ThermalSheet Insulating Underlayment is available directly from WarmlyYours. Ask your project advisor about including it with your TempZone® order for the most efficient installation.

Measurement & Testing Tools

Accurate testing and measurement tools are essential for a safe, code-compliant installation and are required for warranty registration. Ensure these items are available before you begin.

❑ Digital Ohm Meter

Required for completion of the warranty registration card. Test the mat before, during, and after installation.

❑ Circuit Check

Sold separately. Used to continuously monitor the heating element for continuity throughout the tile-setting process.

❑ Scissors

For cutting the mat mesh (never the heating cable) to navigate around obstacles and fit the installation area.

❑ Register Your Warranty

Complete within 30 days of installation. Record your **pre-installation, during** and **post-installation ohm readings** on the Warranty Registration Card included with your mat, then register **online**. Failure to register may void your warranty. Keep a copy of your ohm readings for your records.

Electrical Requirements

TempZone® heating mats require a dedicated electrical circuit. Confirm all electrical prerequisites are in place before scheduling your installation to avoid costly delays.

□ Single Gang Electrical Box/es

Required for mounting the thermostat. Quantity depends on number of heating zones in your project.

□ Conduit and Hardware

If required by local electrical code. Used to protect the sensor probe wire run from the floor to the thermostat box.

□ Licensed Electrician

Required for all final electrical connections. WarmlyYours strongly recommends using a licensed electrician for code compliance.

□ Available Breaker Box Opening/s

Confirm one dedicated breaker opening per heating zone is available in your electrical panel before installation begins.



Code Compliance: Always consult local electrical codes and ensure all work is performed or inspected by a licensed electrician. This is required by most local building codes and preserves your warranty.



Note: WarmlyYours thermostats include built-in GFCI protection. Do not install an additional GFCI breaker on the heating circuit — dual GFCI devices in series can cause nuisance tripping.

Learn More & Installation Support

WarmlyYours offers a full library of resources to guide you through every step of your TempZone® Custom installation. Videos, step-by-step guides, and project resources are available free of charge.



Videos

Watch step-by-step **installation videos for TempZone®** mats, thermostat wiring, and more on the WarmlyYours website.



Step-by-Step Guides

Detailed written installation instructions, wiring diagrams, and project guides available at no cost.



Installation Support

(800) 875-5285

Our installation support team is available **24/7** to answer your questions at any stage of the project.

- ☑ WarmlyYours has been providing radiant heating solutions since 1999. Our experienced team will ensure your TempZone® system is designed and installed for maximum efficiency, comfort, and longevity — no matter the size of your project.

Ready to get started? Visit us at **[WarmlyYours.com](https://www.warmlyyours.com)**