



# HEATING MATS

**ELECTRIC FLOOR HEATING**  
CUSTOM AND STANDARD MATS



# HOME RENOVATIONS, NEW CONSTRUCTION

Whether for your latest home renovation project or new construction, TRM electric heating mats are suitable for a wide range of interior floor heating applications.

In addition to over 100 standard mat sizes, we offer custom made heating mats that will fit the unique shape of any room to provide luxurious wall to wall coverage.

TRM electric heating mats can be installed below our uncoupling membrane to provide an uncoupling / waterproofing solution for your project, if required.

## BENEFITS INCLUDE:

- Pre-made mats provide even heating.
- Quick and simple installation.
- Available in 120V, 208V or 240V.
- Heating wire and fabric are less than 1/8" thick. Refer to product installation manual for recommended sub-floor depression depth based on desired flooring type.
- Two layers of modified thinset (approx. 1/8" thick) are required (above and below the mat) for proper installation, with the tile then being set directly above the top coat of thinset.
- Comprehensive selection of premade and custom sizes.
- Suitable for a wide range of interior heating applications in dry areas; as well as in wet areas, when an approved waterproofing membrane is installed above.

## CUSTOM VS. STANDARD MATS

The best way to determine if standard or custom mats are appropriate is to look at the shape of your room, and define the desired coverage of the heated floor.

Standard mats work well in square or rectangular rooms, while rooms that have unique angles or curves are better suited to a custom mat solution as it would provide better coverage for the installation.

For larger heating areas, multiple standard or custom mats can be connected to the same thermostat (wired in parallel) to provide more coverage.

Heat transfer from a radiant floor heating system is generally up and down, with minimal transfer laterally. For this reason, we recommend full coverage of any exposed area of the floor to prevent noticeable cold spots.

## 120V – STANDARD MAT SIZES

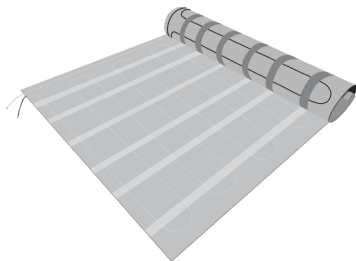
DIMENSIONS (INCHES)	WATTS	AMPS	OHMS	MODEL
24 x 48	96	0.8	149.4	TRM-24048-1
24 x 60	118	1.0	122.1	TRM-24060-1
24 x 72	144	1.2	99.8	TRM-24072-1
24 x 84	167	1.4	86.5	TRM-24084-1
24 x 96	194	1.6	74.4	TRM-24096-1
24 x 108	211	1.8	68.1	TRM-24108-1
24 x 120	244	2.0	59.1	TRM-24120-1
24 x 132	269	2.2	53.6	TRM-24132-1
24 x 144	289	2.4	49.9	TRM-24144-1
24 x 156	318	2.7	45.2	TRM-24156-1
24 x 168	341	2.8	42.3	TRM-24168-1
24 x 180	369	3.1	39.1	TRM-24180-1
30 x 48	119	1.0	120.7	TRM-30048-1
30 x 60	148	1.2	97.6	TRM-30060-1
30 x 72	178	1.5	80.9	TRM-30072-1
30 x 84	208	1.7	69.2	TRM-30084-1
30 x 96	242	2.0	59.4	TRM-30096-1
30 x 108	276	2.3	52.1	TRM-30108-1
30 x 120	303	2.5	47.5	TRM-30120-1
30 x 132	327	2.7	44.1	TRM-30132-1
30 x 144	361	3.0	39.9	TRM-30144-1
30 x 156	387	3.2	37.2	TRM-30156-1
30 x 168	414	3.4	34.8	TRM-30168-1
30 x 180	458	3.8	31.4	TRM-30180-1
36 x 48	141	1.2	102.5	TRM-36048-1
36 x 60	180	1.5	79.9	TRM-36060-1
36 x 72	216	1.8	66.8	TRM-36072-1
36 x 84	250	2.1	57.6	TRM-36084-1
36 x 96	283	2.4	50.9	TRM-36096-1
36 x 108	323	2.7	44.6	TRM-36108-1
36 x 120	368	3.1	39.1	TRM-36120-1
36 x 132	403	3.4	35.7	TRM-36132-1
36 x 144	436	3.6	33.0	TRM-36144-1
36 x 156	469	3.9	30.7	TRM-36156-1
36 x 168	502	4.2	28.7	TRM-36168-1
36 x 180	548	4.6	26.3	TRM-36180-1
42 x 48	166	1.4	86.7	TRM-42048-1
42 x 60	205	1.7	70.1	TRM-42060-1
42 x 72	252	2.1	57.1	TRM-42072-1
42 x 84	299	2.5	48.1	TRM-42084-1
42 x 96	332	2.8	43.4	TRM-42096-1
42 x 108	385	3.2	37.4	TRM-42108-1
42 x 120	420	3.5	34.3	TRM-42120-1
42 x 132	468	3.9	30.7	TRM-42132-1
42 x 144	505	4.2	28.5	TRM-42144-1
42 x 156	551	4.6	26.1	TRM-42156-1
42 x 168	592	4.9	24.3	TRM-42168-1
42 x 180	631	5.3	22.8	TRM-42180-1
48 x 48	189	1.6	76.3	TRM-48048-1
48 x 60	237	2.0	60.7	TRM-48060-1
48 x 72	295	2.5	48.8	TRM-48072-1
48 x 84	330	2.8	43.6	TRM-48084-1
48 x 96	390	3.3	36.9	TRM-48096-1
48 x 108	434	3.6	33.2	TRM-48108-1
48 x 120	490	4.1	29.4	TRM-48120-1
48 x 132	532	4.4	27.1	TRM-48132-1
48 x 144	577	4.8	25.0	TRM-48144-1
48 x 156	619	5.2	23.3	TRM-48156-1
48 x 168	661	5.5	21.8	TRM-48168-1
48 x 180	705	5.9	20.4	TRM-48180-1
60 x 60	296	2.5	48.6	TRM-60060-1
60 x 72	355	3.0	40.6	TRM-60072-1
60 x 84	424	3.5	34.0	TRM-60084-1
60 x 96	476	4.0	30.3	TRM-60096-1
60 x 108	544	4.5	26.5	TRM-60108-1
60 x 120	614	5.1	23.4	TRM-60120-1
60 x 132	657	5.5	21.9	TRM-60132-1
60 x 144	709	5.9	20.3	TRM-60144-1
60 x 156	796	6.6	18.1	TRM-60156-1
60 x 168	860	7.2	16.7	TRM-60168-1
60 x 180	917	7.6	15.7	TRM-60180-1

## 240V – STANDARD MAT SIZES

DIMENSIONS (INCHES)	WATTS	AMPS	OHMS	MODEL
24 x 96	206	0.9	280.1	TRM-24096-2
24 x 108	232	1.0	248.6	TRM-24108-2
24 x 120	235	1.0	244.9	TRM-24120-2
24 x 144	294	1.2	196.0	TRM-24144-2
24 x 156	315	1.3	182.7	TRM-24156-2
24 x 168	340	1.4	169.3	TRM-24168-2
24 x 180	361	1.5	159.8	TRM-24180-2
30 x 72	182	0.8	316.2	TRM-30072-2
30 x 84	215	0.9	267.4	TRM-30084-2
30 x 96	238	1.0	242.0	TRM-30096-2
30 x 120	303	1.3	190.4	TRM-30120-2
30 x 132	334	1.4	172.4	TRM-30132-2
30 x 144	359	1.5	160.6	TRM-30144-2
30 x 156	389	1.6	148.0	TRM-30156-2
30 x 168	427	1.8	134.8	TRM-30168-2
30 x 180	456	1.9	126.3	TRM-30180-2
36 x 60	178	0.7	323.3	TRM-36060-2
36 x 72	216	0.9	267.1	TRM-36072-2
36 x 96	289	1.2	199.0	TRM-36096-2
36 x 108	326	1.4	176.5	TRM-36108-2
36 x 120	367	1.5	156.8	TRM-36120-2
36 x 132	399	1.7	144.2	TRM-36132-2
36 x 144	431	1.8	133.7	TRM-36144-2
36 x 156	472	2.0	122.0	TRM-36156-2
36 x 168	511	2.1	112.8	TRM-36168-2
36 x 180	543	2.3	106.1	TRM-36180-2
42 x 60	219	0.9	263.1	TRM-42060-2
42 x 84	298	1.2	193.5	TRM-42084-2
42 x 96	332	1.4	173.6	TRM-42096-2
42 x 108	381	1.6	151.1	TRM-42108-2
42 x 120	427	1.8	134.8	TRM-42120-2
42 x 132	471	2.0	122.4	TRM-42132-2
42 x 144	504	2.1	114.2	TRM-42144-2
42 x 156	559	2.3	103.1	TRM-42156-2
42 x 168	580	2.4	99.2	TRM-42168-2
42 x 180	640	2.7	90.0	TRM-42180-2
48 x 60	242	1.0	237.7	TRM-48060-2
48 x 72	285	1.2	201.8	TRM-48072-2
48 x 84	339	1.4	170.0	TRM-48084-2
48 x 96	377	1.6	152.8	TRM-48096-2
48 x 108	435	1.8	132.4	TRM-48108-2
48 x 120	488	2.0	118.0	TRM-48120-2
48 x 132	531	2.2	108.4	TRM-48132-2
48 x 144	583	2.4	98.9	TRM-48144-2
48 x 156	636	2.7	90.5	TRM-48156-2
48 x 168	680	2.8	84.7	TRM-48168-2
48 x 180	732	3.0	78.7	TRM-48180-2
60 x 60	294	1.2	196.2	TRM-60060-2
60 x 72	351	1.5	163.9	TRM-60072-2
60 x 84	418	1.7	137.9	TRM-60084-2
60 x 96	485	2.0	118.8	TRM-60096-2
60 x 108	541	2.3	106.4	TRM-60108-2
60 x 120	614	2.6	93.8	TRM-60120-2
60 x 132	656	2.7	87.9	TRM-60132-2
60 x 144	729	3.0	79.0	TRM-60144-2
60 x 156	792	3.3	72.8	TRM-60156-2
60 x 168	848	3.5	68.0	TRM-60168-2
60 x 180	921	3.8	62.5	TRM-60180-2

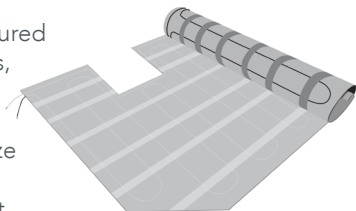
## STANDARD MATS

Standard mats are square or rectangular in shape, and are an economical choice for floor warming. With over 100 models to choose from, you are sure to find the sizes you need.



## CUSTOM MATS

Custom mats are manufactured to fit your room dimensions, simplifying the installation process. They provide the best coverage and maximize comfort. Custom mats are designed specifically to suit rooms with curved or angled walls.



*When you are looking to provide a safe, energy efficient floor heating solution to your customers – make sure you choose **TRM floor heating** for a system you can rely on. Our innovative, maintenance free heating technology and 25 year product warranty will provide a truly luxurious feeling of comfort for years to come.*



### GET IN TOUCH



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[www.trmheatingcables.com](http://www.trmheatingcables.com)

# TRM FLOOR HEATING THERMOSTATS



## TRM-FH-GOLD

- Bluetooth®, Wifi, Cloud connected
- 3.5" colour touchscreen with interactive control
- Full programmability
- Tracks power consumption
- 120 Volt, 208 Volt, and 240 Volt voltages
- 15 Amp capacity
- 15' Floor sensor (included)
- Complete with GFCI protection



## TRM-FH-SILVER

- 3.5" colour touchscreen with interactive control
- Full programmability
- Tracks power consumption
- 120 Volt and 240 Volt dual voltage
- 15 Amp capacity
- 15' Floor sensor (included)
- Complete with GFCI protection



## TRM-FH-BRONZE

- Non-programmable
- Tracks power consumption
- 120 Volt and 240 Volt dual voltage
- 15 Amp capacity
- 15' Floor sensor (included)
- Complete with GFCI protection



## Optional - TRM-FH-Relay (USG-4000)

The TRM-FH-Relay power expansion module can be used in concert with any TRH-FH thermostat in projects with large heated floor areas that exceed a single thermostat's 15 amp capacity. Low voltage master/slave wiring between the thermostat and relay(s) is required.

## WARRANTY:

We believe in the superior quality of our products, that's why we offer a 25-Year Product Warranty on all TRM floor-heating products that covers product defects along with a 3-year warranty on all TRM thermostats.



TRM is an industry leading, Canadian-owned, designer, and manufacturer of premium heating cables and systems in the commercial, industrial, and residential sectors.