

Thermal Storage Mats



Model Code:

TCM 24 14 24 -12
A B C D E

A: Thermal Storage Mat

B: 24 - 240V

C: Watts per Sq/Ft

D: Width of Mat

E: Mat Length

TCM Series Thermal Storage Mat is designed for a variety of floor heating applications, heating floors efficiently during on and off peak hours.

TCM Thermal Storage 240V Mat Features

- For use in concrete/Single point connection
- 20 Ft. Cold Lead
- Low operating costs, 10 year warranty

- Emits zero EMFs (electromagnetic fields)
- Durable construction: Tefzel® Insulation, PVC Jacket
- Low memory design, cable stays flat



24"
240V

MODEL (24" WIDE)	UPC (093319)	MAT LENGTH	HEATED AREA (5" SPACING)	WATTS (14 W/FT ²)	AMPS
TCM241424-12	42252	12.5 FT.	25.0 SQ. FT.	350	1.4
TCM241424-18	42253	18.8 FT.	37.5 SQ. FT.	525	2.1
TCM241424-24	42254	24.0 FT.	47.9 SQ. FT.	671	2.8
TCM241424-30	42255	30.2 FT.	60.4 SQ. FT.	846	3.6
TCM241424-36	42256	36.5 FT.	72.9 SQ. FT.	1021	4.3
TCM241424-43	42257	43.8 FT.	87.5 SQ. FT.	1225	5.1
TCM241424-50	42258	50.0 FT.	100.0 SQ. FT.	1400	5.8
TCM241424-62	42259	62.5 FT.	125.0 SQ. FT.	1750	7.2
TCM241424-74	42260	74.0 FT.	147.9 SQ. FT.	2071	8.6
TCM241424-86	42261	86.5 FT.	172.9 SQ. FT.	2421	10.0
TCM241424-97	42262	97.9 FT.	195.8 SQ. FT.	2742	11.5
TCM241424-110	42263	110.4 FT.	220.8 SQ. FT.	3092	12.9
TCM241424-124	42264	124.0 FT.	247.9 SQ. FT.	3471	14.5
TCM241424-141	42265	141.7 FT.	283.3 SQ. FT.	3966	16.6

MODEL (24" WIDE)	UPC (093319)	MAT LENGTH	HEATED AREA (6" SPACING)	WATTS (12 W/FT ²)	AMPS
TCM241224-15	42238	15.0 FT.	30.0 SQ. FT.	360	1.4
TCM241224-22	42239	22.5 FT.	45.0 SQ. FT.	540	2.1
TCM241224-28	42240	28.8 FT.	57.5 SQ. FT.	690	2.8
TCM241224-36	42241	36.3 FT.	72.5 SQ. FT.	870	3.6
TCM241224-43	42242	43.8 FT.	87.5 SQ. FT.	1050	4.3
TCM241224-52	42243	52.5 FT.	105.0 SQ. FT.	1260	5.1
TCM241224-60	42244	60.0 FT.	120.0 SQ. FT.	1440	5.8
TCM241224-75	42245	75.0 FT.	150.0 SQ. FT.	1800	7.2
TCM241224-88	42246	88.8 FT.	177.5 SQ. FT.	2130	8.6
TCM241224-103	42247	103.8 FT.	207.5 SQ. FT.	2490	10.0
TCM241224-117	42248	117.5 FT.	235.0 SQ. FT.	2820	11.5
TCM241224-132	42249	132.5 FT.	265.0 SQ. FT.	3180	12.9
TCM241224-148	42250	148.8 FT.	297.5 SQ. FT.	3570	14.5
TCM241224-170	42251	170.0 FT.	340.0 SQ. FT.	4080	16.6

30"
240V

MODEL (30" WIDE)	UPC (093319)	MAT LENGTH	HEATED AREA (5" SPACING)	WATTS (14 W/FT ²)	AMPS
TCM241430-10	42280	10.0 FT.	25.0 SQ. FT.	350	1.4
TCM241430-15	42281	15.0 FT.	37.5 SQ. FT.	525	2.1
TCM241430-19	42282	19.2 FT.	47.9 SQ. FT.	671	2.8
TCM241430-24	42283	24.2 FT.	60.4 SQ. FT.	846	3.6
TCM241430-29	42284	29.2 FT.	72.9 SQ. FT.	1021	4.3
TCM241430-35	42285	35.0 FT.	87.5 SQ. FT.	1225	5.1
TCM241430-40	42286	40.0 FT.	100.0 SQ. FT.	1400	5.8
TCM241430-50	42287	50.0 FT.	125.0 SQ. FT.	1750	7.2
TCM241430-59	42288	59.2 FT.	147.9 SQ. FT.	2071	8.6
TCM241430-69	42289	69.2 FT.	172.9 SQ. FT.	2421	10.0
TCM241430-78	42290	78.3 FT.	195.8 SQ. FT.	2742	11.5
TCM241430-88	42291	88.3 FT.	220.8 SQ. FT.	3092	12.9
TCM241430-99	42292	99.2 FT.	247.9 SQ. FT.	3471	14.5
TCM241430-113	42293	113.3 FT.	283.3 SQ. FT.	3966	16.6

MODEL (30" WIDE)	UPC (093319)	MAT LENGTH	HEATED AREA (6" SPACING)	WATTS (12 W/FT ²)	AMPS
TCM241230-12	42266	12.0 FT.	30.0 SQ. FT.	360	1.4
TCM241230-18	42267	18.0 FT.	45.0 SQ. FT.	540	2.1
TCM241230-23	42268	23.0 FT.	57.5 SQ. FT.	690	2.8
TCM241230-29	42269	29.0 FT.	72.5 SQ. FT.	870	3.6
TCM241230-35	42270	35.0 FT.	87.5 SQ. FT.	1050	4.3
TCM241230-42	42271	42.0 FT.	105.0 SQ. FT.	1260	5.1
TCM241230-48	42272	48.0 FT.	120.0 SQ. FT.	1440	5.8
TCM241230-60	42273	60.0 FT.	150.0 SQ. FT.	1800	7.2
TCM241230-71	42274	71.0 FT.	177.5 SQ. FT.	2130	8.6
TCM241230-83	42275	83.0 FT.	207.5 SQ. FT.	2490	10.0
TCM241230-94	42276	94.0 FT.	235.0 SQ. FT.	2820	11.5
TCM241230-106	42277	106.0 FT.	265.0 SQ. FT.	3180	12.9
TCM241230-119	42278	119.0 FT.	297.5 SQ. FT.	3570	14.5
TCM241230-136	42279	136.0 FT.	340.0 SQ. FT.	4080	16.6

36"
240V

MODEL (36" WIDE)	UPC (093319)	MAT LENGTH	HEATED AREA (5" SPACING)	WATTS (14 W/FT ²)	AMPS
TCM241436-8	42308	8.3 FT.	25.0 SQ. FT.	350	1.4
TCM241436-12	42309	12.5 FT.	37.5 SQ. FT.	525	2.1
TCM241436-16	42310	16.0 FT.	47.9 SQ. FT.	671	2.8
TCM241436-20	42311	20.1 FT.	60.4 SQ. FT.	846	3.6
TCM241436-24	42312	24.3 FT.	72.9 SQ. FT.	1021	4.3
TCM241436-29	42313	29.2 FT.	87.5 SQ. FT.	1225	5.1
TCM241436-33	42314	33.3 FT.	100.0 SQ. FT.	1400	5.8
TCM241436-41	42315	41.7 FT.	125.0 SQ. FT.	1750	7.2
TCM241436-49	42316	49.3 FT.	147.9 SQ. FT.	2071	8.6
TCM241436-57	42317	57.6 FT.	172.9 SQ. FT.	2421	10.0
TCM241436-65	42318	65.3 FT.	195.8 SQ. FT.	2742	11.5
TCM241436-73	42319	73.6 FT.	220.8 SQ. FT.	3092	12.9
TCM241436-82	42320	82.6 FT.	247.9 SQ. FT.	3471	14.5
TCM241436-94	42321	94.4 FT.	283.3 SQ. FT.	3967	16.6

MODEL (36" WIDE)	UPC (093319)	MAT LENGTH	HEATED AREA (6" SPACING)	WATTS (12 W/FT ²)	AMPS
TCM241236-10	42294	10.0 FT.	30.0 SQ. FT.	360	1.4
TCM241236-15	42295	15.0 FT.	45.0 SQ. FT.	540	2.1
TCM241236-19	42296	19.2 FT.	57.5 SQ. FT.	690	2.8
TCM241236-24	42297	24.2 FT.	72.5 SQ. FT.	870	3.6
TCM241236-29	42298	29.2 FT.	87.5 SQ. FT.	1050	4.3
TCM241236-35	42299	35.0 FT.	105.0 SQ. FT.	1260	5.1
TCM241236-40	42300	40.0 FT.	120.0 SQ. FT.	1440	5.8
TCM241236-50	42301	50.0 FT.	150.0 SQ. FT.	1800	7.2
TCM241236-59	42302	59.2 FT.	177.5 SQ. FT.	2130	8.6
TCM241236-69	42303	69.2 FT.	207.5 SQ. FT.	2490	10.0
TCM241236-78	42304	78.3 FT.	235.0 SQ. FT.	2820	11.5
TCM241236-88	42305	88.3 FT.	265.0 SQ. FT.	3180	12.9
TCM241236-99	42306	99.2 FT.	297.5 SQ. FT.	3570	14.5
TCM241236-113	42307	113.3 FT.	340.0 SQ. FT.	4080	16.6