

# SFM/SFMC | PERSIA™

HEATING CABLE MAT



PERSIA™  
CUSTOM PERSIA™



## A HEATED FLOOR THAT OFFERS COMFORT AKIN TO WARM SAND

Stelpro's innovative heating cable mat adds comfort and a touch of luxury to your home. Silent, efficient and unobtrusive, the Persia mat is the ideal floor heating system. It can be installed with most types of floor coverings and is available in a wide range of standard and custom sizes. Furthermore, the electromagnetic fields are almost non-existent with the Persia heating cable mat, meaning it is safe for toddlers and the whole family. Unique to Stelpro, the membrane is made from a durable, non-woven fabric that's easy to install and protects the cable from damage from tools during installation. This feature sets Persia apart from all other heating mats on the market.

### STANDARD AND CUSTOM SIZES

FOR ANY TYPE OF PROJECT

### QUICK, SAFE AND EASY INSTALLATION

### HEATING FROM THE GROUND UP FOR OPTIMAL COMFORT

### PERFECT FOR PEOPLE WITH ALLERGIES

NO AIR MOVEMENT, NO DUST AND NO SMELL

### MANUFACTURING

- twin heating cables sheathed in high-quality thermoplastic polymers and laminated on both sides with a durable, non-woven fabric
- very thin (less than 1/8 in. thick)
- standard length of 10 feet for the power lead wires (other lengths available by special order)

### WATTAGE

- 12 W/sq.ft. (at 120 V or 240 V)
- 9 W/sq.ft. (at 208 V)

### CONTROL

- electronic thermostat for heating cable (optional, floor sensor included with thermostat)

### INSTALLATION

- can be installed on either side, in any direction
- concrete slab or plywood subflooring
- compatible with all types of mortar, adhesive mortar, polymer-modified mortar (thinset) and self-levelling mortar typically used for floor coverings (see the installation guide)
- can be installed under most types of floor coverings\* (ceramic tiles, slate, marble, granite, engineered flooring, laminate flooring, vinyl tiles, linoleum, carpet, etc.)

### WARRANTY

- twenty-five years

\* For more information about the types of floor coverings under which you can safely install a heating cable mat, we strongly recommend you contact the relevant floor covering manufacturers.

### IDEAL FOR:

bathroom, kitchen, living room, bedroom, basement, hallway, daycare centre, locker room, small space

## FOR MAXIMUM EFFICIENCY

### ELECTRONIC THERMOSTATS FOR HEATING CABLE

SINGLE PROGRAMMING



MULTIPLE PROGRAMMING



°STELPRO



# STANDARD MODELS

## TECHNICAL SPECIFICATIONS

PRODUCT	DIMENSIONS (IN.)		SURFACE AREA	POWER		AMPERAGE	WEIGHT
	CODE	LENGTH		WIDTH	FT <sup>2</sup>		
<b>240/208 VOLTS</b>							
SFM2W0147D042042	42	42	12.3	147/110	502/375	0.6/0.5	7.3
SFM2W0144D048036	48	36	12.0	144/108	491/369	0.6/0.5	6.8
SFM2W0168D048042	48	42	14.0	168/126	573/430	0.7/0.6	7.3
SFM2W0192D048048	48	48	16.0	192/144	655/491	0.8/0.7	9
SFM2W0150D060030	60	30	12.5	150/113	512/386	0.6/0.5	6.4
SFM2W0180D060036	60	36	15.0	180/135	614/461	0.8/0.7	7.5
SFM2W0210D060042	60	42	17.5	210/158	717/539	0.9/0.8	8.6
SFM2W0240D060048	60	48	20.0	240/180	819/614	1.0/0.9	10.1
SFM2W0300D060060	60	60	25.0	300/225	1024/768	1.3/1.1	11.2
SFM2W0180D072030	72	30	15.0	180/135	614/461	0.8/0.7	7.1
SFM2W0216D072036	72	36	18.0	216/162	737/553	0.9/0.8	8.2
SFM2W0252D072042	72	42	21.0	252/189	860/645	1.1/0.9	9.7
SFM2W0288D072048	72	48	24.0	288/216	983/737	1.2/1.0	9.9
SFM2W0360D072060	72	60	30.0	360/270	1229/921	1.5/1.3	12.3
SFM2W0432D072072	72	72	36.0	432/324	1474/1106	1.8/1.6	16.1
SFM2W0168D084024	84	24	14.0	168/126	573/430	0.7/0.6	6.2
SFM2W0210D084030	84	30	17.5	210/158	717/539	0.9/0.8	7.7
SFM2W0252D084036	84	36	21.0	252/189	860/645	1.1/0.9	8.6
SFM2W0294D084042	84	42	24.5	294/221	1003/754	1.2/1.1	10.4
SFM2W0336D084048	84	48	28.0	336/252	1147/860	1.4/1.2	11.7
SFM2W0420D084060	84	60	35.0	420/315	1433/1075	1.8/1.5	13.4
SFM2W0504D084072	84	72	42.0	504/379	1720/1293	2.1/1.8	15.7
SFM2W0588D084084	84	84	49.0	588/442	2007/1508	2.5/2.1	16.8
SFM2W0192D096024	96	24	16.0	192/144	655/491	0.8/0.7	6.6
SFM2W0240D096030	96	30	20.0	240/180	819/614	1.0/0.9	8.2
SFM2W0288D096036	96	36	24.0	288/216	983/737	1.2/1.0	9
SFM2W0336D096042	96	42	28.0	336/252	1147/860	1.4/1.2	11.5
SFM2W0384D096048	96	48	32.0	384/288	1310/983	1.6/1.4	11.7
SFM2W0480D096060	96	60	40.0	480/361	1638/1232	2.0/1.7	15
SFM2W0576D096072	96	72	48.0	576/433	1966/1478	2.4/2.1	18.1
SFM2W0672D096084	96	84	56.0	672/505	2293/1723	2.8/2.4	19.8
SFM2W0768D096096	96	96	64.0	768/577	2621/1969	3.2/2.8	19.6
SFM2W0240D120024	120	24	20.0	240/180	819/614	1.0/0.9	7.9
SFM2W0300D120030	120	30	25.0	300/225	1024/768	1.3/1.1	9.7
SFM2W0360D120036	120	36	30.0	360/270	1229/921	1.5/1.3	11
SFM2W0420D120042	120	42	35.0	420/315	1433/1075	1.8/1.5	12.6
SFM2W0480D120048	120	48	40.0	480/361	1638/1232	2.0/1.7	14.3
SFM2W0600D120060	120	60	50.0	600/451	2048/1539	2.5/2.2	17.2
SFM2W0720D120072	120	72	60.0	720/541	2457/1846	3.0/2.6	20.9
SFM2W0840D120084	120	84	70.0	840/631	2867/2153	3.5/3.0	21.8
SFM2W0960D120096	120	96	80.0	960/721	3276/2461	4.0/3.5	24.9
SFM2W1200D120120	120	120	100.0	1200/901	4095/3075	5.0/4.3	30.4
SFM2W0432D144036	144	36	36.0	432/324	1474/1106	1.8/1.6	11.1
SFM2W0720D144060	144	60	60.0	720/541	2457/1846	3.0/2.6	20.1
SFM2W0864D144072	144	72	72.0	864/649	2949/2215	3.6/3.1	22.9
SFM2W1152D144096	144	96	96.0	1152/865	3931/2952	4.8/4.2	29.8
SFM2W1440D144120	144	120	120.0	1440/1082	4914/3693	6.0/5.2	35.3
SFM2W1728D144144	144	144	144.0	1728/1298	5897/4430	7.2/6.2	40.3

# STANDARD MODELS

## TECHNICAL SPECIFICATIONS

PRODUCT	DIMENSIONS (IN.)		SURFACE AREA	POWER		AMPERAGE	WEIGHT
CODE	LENGTH	WIDTH	FT <sup>2</sup>	WATTS	BTU/H	AMPERES	LB
<b>120 VOLTS</b>							
SFM1W0095D042027	42	27	7.9	95	324	0.8	2.8
SFM1W0112D042032	42	32	9.3	112	382	0.9	2.9
SFM1W0147D042042	42	42	12.3	147	502	1.2	3.1
SFM1W0096D048024	48	24	8.0	96	328	0.8	3.1
SFM1W0120D048030	48	30	10.0	120	410	1.0	3.1
SFM1W0144D048036	48	36	12.0	144	491	1.2	3.1
SFM1W0168D048042	48	42	14.0	168	573	1.4	3.5
SFM1W0192D048048	48	48	16.0	192	655	1.6	4.0
SFM1W0120D060024	60	24	10.0	120	410	1.0	2.5
SFM1W0150D060030	60	30	12.5	150	512	1.3	3.0
SFM1W0180D060036	60	36	15.0	180	614	1.5	3.3
SFM1W0210D060042	60	42	17.5	210	717	1.8	3.8
SFM1W0240D060048	60	48	20.0	240	819	2.0	4.3
SFM1W0300D060060	60	60	25.0	300	1024	2.5	5.1
SFM1W0144D072024	72	24	12.0	144	491	1.2	2.6
SFM1W0180D072030	72	30	15.0	180	614	1.5	3.2
SFM1W0216D072036	72	36	18.0	216	737	1.8	3.6
SFM1W0252D072042	72	42	21.0	252	860	2.1	4.1
SFM1W0288D072048	72	48	24.0	288	983	2.4	4.8
SFM1W0360D072060	72	60	30.0	360	1229	3.0	5.7
SFM1W0432D072072	72	72	36.0	432	1474	3.6	7.3
SFM1W0168D084024	84	24	14.0	168	573	1.4	3.0
SFM1W0210D084030	84	30	17.5	210	717	1.8	3.5
SFM1W0252D084036	84	36	21.0	252	860	2.1	3.9
SFM1W0294D084042	84	42	24.5	294	1003	2.5	4.7
SFM1W0336D084048	84	48	28.0	336	1147	2.8	5.5
SFM1W0420D084060	84	60	35.0	420	1433	3.5	6.2
SFM1W0504D084072	84	72	42.0	504	1720	4.2	7.1
SFM1W0588D084084	84	84	49.0	588	2007	4.9	7.7
SFM1W0192D096024	96	24	16.0	192	655	1.6	2.9
SFM1W0240D096030	96	30	20.0	240	819	2.0	3.8
SFM1W0288D096036	96	36	24.0	288	983	2.4	4.5
SFM1W0336D096042	96	42	28.0	336	1147	2.8	5.4
SFM1W0384D096048	96	48	32.0	384	1310	3.2	5.4
SFM1W0480D096060	96	60	40.0	480	1638	4.0	6.8
SFM1W0576D096072	96	72	48.0	576	1966	4.8	8.3
SFM1W0672D096084	96	84	56.0	672	2293	5.6	8.9
SFM1W0768D096096	96	96	64.0	768	2621	6.4	9.0
SFM1W0240D120024	120	24	20.0	240	819	2.0	3.6
SFM1W0300D120030	120	30	25.0	300	1024	2.5	4.3
SFM1W0360D120036	120	36	30.0	360	1229	3.0	5.1
SFM1W0420D120042	120	42	35.0	420	1433	3.5	5.8
SFM1W0480D120048	120	48	40.0	480	1638	4.0	6.6
SFM1W0600D120060	120	60	50.0	600	2048	5.0	7.9
SFM1W0720D120072	120	72	60.0	720	2457	6.0	9.5
SFM1W0840D120084	120	84	70.0	840	2867	7.0	9.8
SFM1W0960D120096	120	96	80.0	960	3276	8.0	11.4

## ACCESSORIES

PRODUCT	DESCRIPTION
STCNPW5	single programming electronic thermostat
STCPW5	multiple programming electronic thermostat
TH115F12VDC	master thermostat for use with relay (120 V/240 V) in large areas [12 V]
CT230GA	relay for use with master thermostat in large areas [15 A @ 120 V-240 V, 50/60 Hz]
STSCC	thermostat sensor for heating cable
SFMRK	repair kit

## TECHNICAL SPECIFICATIONS

PRODUCT	MINIMUM SURFACE AREA	MAXIMUM SURFACE AREA
CODE	FT²	FT²
<b>240 VOLTS</b>		
SFMC2S015020	15	20
SFMC2S021030	21	30
SFMC2S031040	31	40
SFMC2S041050	41	50
SFMC2S051060	51	60
SFMC2S061070	61	70
SFMC2S071080	71	80
SFMC2S081090	81	90
SFMC2S091100	91	100
SFMC2S101110	101	110
SFMC2S111120	111	120
SFMC2S121130	121	130
SFMC2S131140	131	140
SFMC2S141150	141	150
SFMC2S151160	151	160
SFMC2S161170	161	170
SFMC2S171180	171	180
SFMC2S181190	181	190
SFMC2S191200	191	200
<b>120 VOLTS</b>		
SFMC1S007010	7.5	10
SFMC1S011020	11	20
SFMC1S021030	21	30
SFMC1S031040	31	40
SFMC1S041050	41	50
SFMC1S051060	51	60
SFMC1S061070	61	70
SFMC1S071080	71	80
SFMC1S081090	81	90
SFMC1S091100	91	100

