



Electric Heating Cable Systems



Electric In-Floor Heat



Thermal Storage



Snow Melt



Pipe Freeze Protection



Gutter/Roof De-Icing



Controls & Thermostats

www.king-electric.com



King: a technology leader.

Since 1958 King Electrical Manufacturing Company has been a leader in the heating industry, with several innovative patents. In this age of corporate conglomeration, big business, and a global economy, King is still proudly family-owned.

In our over 50 years of business we have seen exciting changes in the comfort and convenience of heating products. Technology has improved to create exciting new possibilities for innovations in heating systems. King continues to emphasize research and development, product quality, and genuine pride to ensure that our customers enjoy the best heating solutions possible.

Residential, commercial or industrial electric heat: at King we anticipate your needs and provide you with the best products and solutions!



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Electric In-Floor Heat



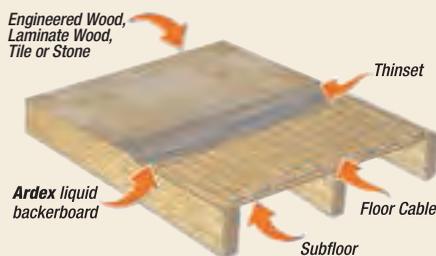
Electric In-Floor Heating Systems

King's In-Floor Heating systems provide the affordable luxury of comfort through radiant heating. Ideal for kitchens & bathrooms, in-floor heating is the easiest way to add warmth to your home. Whether using the FC Cable series or FCM Mat series, you will be completely satisfied with the results.

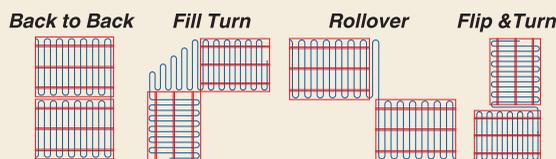
FCM Series Mats offer the easiest solution for in-floor heating, providing pre-fabricated mats with 3" spacing that can be rolled out quickly before final installation of the engineered wood, laminate wood, tile or stone floor. The Mat series is specifically designed for the homeowner or contractor that wants an easy and fast installation. The mat is easily cut and flipped to conform to any custom layout, refer to example below. Mats are sold separately in pre-packaged kits, which can include a thermostat, cable alarm and floor sensor.

FC Series Cable offers the flexibility to lay out and space the cable specific to an individual application. King's unique Fast-Set strapping system makes it easy to design a custom layout to maximize the coverage area. Simply install the strapping, lace the cable in a serpentine pattern as needed to work around fixtures and cabinets, making a precise in-floor heating solution. Cable is sold with strapping and in pre-packaged kits, which can include a thermostat, cable alarm and floor sensor.

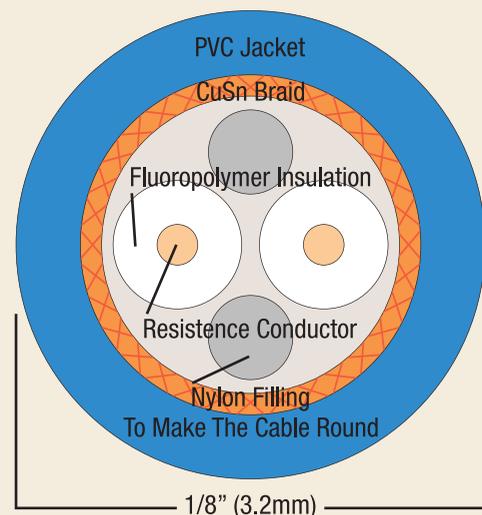
FC Installation



Easy to Install FCM Examples



FC & FCM Cable Constructions



Electric In-Floor Heating Cable



Model Code:

FC 12 120 -3
A B C D

A: Floor Cable

B: 12 - 120V

24 - 240V

C: Watts

D: -3 - Includes strapping

-T - Includes thermostat

-TA - Thermostat & alarm

In-Floor Heating Cable provides comfort and well-being through radiant heating. Ideal for kitchens & bathrooms.

FC Electric In-Floor Heating Cable Features

- Provides everything needed for easy installation
- Available in 120V and 240V
- Innovative strapping system included
- Online video for easy to follow installation steps
- Twenty year limited warranty

- No EMF, twin conductor
- Pre-sized kits range from 5 to 320 square feet
- For use with engineered wood, laminate wood, tile, stone floors
- Professional grade quality components
- Factory phone and email support
- Tefzel® Insulation, PVC Jacket



MODEL	VOLTS	HEATED AREA (2" SPACING)	(3" SPACING)	(4" SPACING)	WATTS	AMPS	INCLUDED STRAPPING
FC12120-3	120	5 SQ. FT.	10 SQ. FT.	15 SQ. FT.	120	1.0	10 PCS
FC12180-3	120	10 SQ. FT.	15 SQ. FT.	20 SQ. FT.	180	1.5	10 PCS
FC12240-3	120	15 SQ. FT.	20 SQ. FT.	25 SQ. FT.	240	2.0	20 PCS
FC12300-3	120	18 SQ. FT.	25 SQ. FT.	35 SQ. FT.	300	2.5	20 PCS
FC12360-3	120	20 SQ. FT.	30 SQ. FT.	40 SQ. FT.	360	3.0	20 PCS
FC12480-3	120	25 SQ. FT.	40 SQ. FT.	55 SQ. FT.	480	4.0	30 PCS
FC12600-3	120	35 SQ. FT.	50 SQ. FT.	65 SQ. FT.	600	5.0	30 PCS
FC12720-3	120	40 SQ. FT.	60 SQ. FT.	80 SQ. FT.	720	6.0	40 PCS
FC12840-3	120	45 SQ. FT.	70 SQ. FT.	95 SQ. FT.	840	7.0	40 PCS
FC12960-3	120	55 SQ. FT.	80 SQ. FT.	105 SQ. FT.	960	8.0	50 PCS
FC121080-3	120	60 SQ. FT.	90 SQ. FT.	120 SQ. FT.	1080	9.0	50 PCS
FC121200-3	120	65 SQ. FT.	100 SQ. FT.	135 SQ. FT.	1200	10.0	60 PCS

MODEL	VOLTS	HEATED AREA (2" SPACING)	(3" SPACING)	(4" SPACING)	WATTS	AMPS	INCLUDED STRAPPING
FC24240-3	240	15 SQ. FT.	20 SQ. FT.	25 SQ. FT.	240	1.0	20 PCS
FC24360-3	240	20 SQ. FT.	30 SQ. FT.	40 SQ. FT.	360	1.5	20 PCS
FC24480-3	240	25 SQ. FT.	40 SQ. FT.	55 SQ. FT.	480	2.0	30 PCS
FC24600-3	240	35 SQ. FT.	50 SQ. FT.	65 SQ. FT.	600	2.5	30 PCS
FC24720-3	240	40 SQ. FT.	60 SQ. FT.	80 SQ. FT.	720	3.0	40 PCS
FC24840-3	240	45 SQ. FT.	70 SQ. FT.	95 SQ. FT.	840	3.5	40 PCS
FC24960-3	240	55 SQ. FT.	80 SQ. FT.	105 SQ. FT.	960	4.0	50 PCS
FC241080-3	240	60 SQ. FT.	90 SQ. FT.	120 SQ. FT.	1080	4.5	50 PCS
FC241200-3	240	65 SQ. FT.	100 SQ. FT.	135 SQ. FT.	1200	5.0	60 PCS
FC241320-3	240	75 SQ. FT.	110 SQ. FT.	145 SQ. FT.	1320	5.5	60 PCS
FC241440-3	240	80 SQ. FT.	120 SQ. FT.	160 SQ. FT.	1440	6.0	60 PCS
FC241680-3	240	95 SQ. FT.	140 SQ. FT.	190 SQ. FT.	1680	7.0	70 PCS
FC241920-3	240	105 SQ. FT.	160 SQ. FT.	210 SQ. FT.	1920	8.0	80 PCS
FC242160-3	240	120 SQ. FT.	180 SQ. FT.	240 SQ. FT.	2160	9.0	80 PCS
FC242400-3	240	135 SQ. FT.	200 SQ. FT.	265 SQ. FT.	2400	10.0	90 PCS
FC242880-3	240	160 SQ. FT.	240 SQ. FT.	320 SQ. FT.	2880	12.0	90 PCS

ACCESSORIES

- 3T Packaged with F802 GFCI Thermostat
- 3TA Packaged with F802 GFCI Thermostat and Cable Alarm

See FC/FCM Accessories page 5 for complete listing of accessories



Strapping



F802 GFCI Thermostat



Cable Alarm

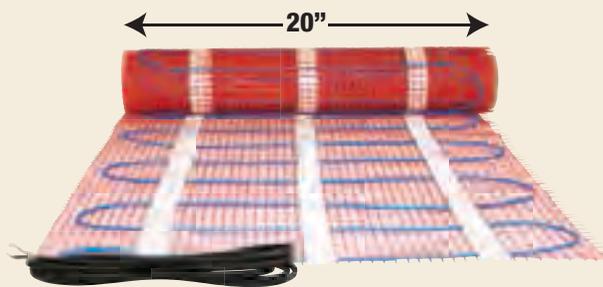


Floor Sensor



Point of Purchase Packaging

Electric In-Floor Heating Mat



Model Code:

FCM 1 -10
A B C

A: Floor Mat

B: 12 - 120V

24 - 240V

C: Coverage Area in Sq/Ft

D: T - Includes thermostat

TA - Thermostat & alarm

In-Floor Heating Mat provides comfort and well-being through radiant heating. Ideal for kitchens & bathrooms.

FCM Electric In-Floor Heating Mat Features

- Provides everything needed for easy installation
- Available in 120V and 240V
- Professional grade quality components
- Factory phone and email support
- Tefzel® Insulation, PVC Jacket

- No EMF, twin conductor
- Pre-sized kits range from 10 to 160 square feet
- For use with engineered wood, laminate wood, tile, stone floors
- Online video for easy to follow installation steps
- Twenty year limited warranty
- Low memory design, cable stays flat



MODEL	VOLTS	HEATED AREA (20" WIDE)	WATTS	AMPS
FCM1-10	120	10 SQ. FT.	120	1.0
FCM1-15	120	15 SQ. FT.	180	1.5
FCM1-20	120	20 SQ. FT.	240	2.0
FCM1-25	120	25 SQ. FT.	300	2.5
FCM1-30	120	30 SQ. FT.	360	3.0
FCM1-35	120	35 SQ. FT.	420	3.5
FCM1-40	120	40 SQ. FT.	480	4.0
FCM1-50	120	50 SQ. FT.	600	5.0
FCM1-60	120	60 SQ. FT.	720	6.0
FCM1-70	120	70 SQ. FT.	840	7.0
FCM1-80	120	80 SQ. FT.	960	8.0
FCM1-90	120	90 SQ. FT.	1080	9.0
FCM1-100	120	100 SQ. FT.	1200	10.0

MODEL	VOLTS	HEATED AREA (20" WIDE)	WATTS	AMPS
FCM2-20	240	20 SQ. FT.	240	1.0
FCM2-25	240	25 SQ. FT.	300	1.3
FCM2-30	240	30 SQ. FT.	360	1.5
FCM2-35	240	35 SQ. FT.	420	1.8
FCM2-40	240	40 SQ. FT.	480	2.0
FCM2-50	240	50 SQ. FT.	600	2.5
FCM2-60	240	60 SQ. FT.	720	3.0
FCM2-70	240	70 SQ. FT.	840	3.5
FCM2-80	240	80 SQ. FT.	960	4.0
FCM2-90	240	90 SQ. FT.	1080	4.5
FCM2-100	240	100 SQ. FT.	1200	5.0
FCM2-110	240	110 SQ. FT.	1320	5.5
FCM2-120	240	120 SQ. FT.	1440	6.0
FCM2-145	240	145 SQ. FT.	1740	7.3
FCM2-160	240	160 SQ. FT.	1920	8.0

ACCESSORIES

-T	Packaged with F802 GFCI Thermostat And Floor Sensor
-TA	Packaged with F802 GFCI Thermostat, Floor Sensor and Cable Alarm

See FC/FCM Accessories page 5 for complete listing of accessories



F802 GFCI Thermostat



Cable Alarm



Floor Sensor



Point of Purchase Packaging

Indoor Floor Heating & Thermal Storage



**KING
F802GFCI
Programmable***



**HONEYWELL/AUBE
TH115-AF-GA
Programmable**



**HONEYWELL/AUBE
TH114-AF-GA
Non-Programmable**



**HONEYWELL/AUBE
TH115-AF-12VDC
Master**



**HONEYWELL/AUBE
CT230
Slave**

King electronic thermostats are designed to achieve maximum comfort from King cable heating systems. Common feature to all models include:

- Three choices of temperature control: ambient air temperature, floor temperature or ambient air with floor limits.
- Advanced microprocessor optimizes performance by proportionally controlling the wattage to the cable saving energy and maintaining very accurate temperature control within $\pm 1^\circ\text{F}$, 0.5°C .
- Designed for maximum safety, they all include a ground-fault circuit interrupter (GFCI).
- A single touch activates the backlight display indicating the current set point.
- They are multi-volt and can be installed on 120, 208 and 240 volt circuits.

MODEL	DESCRIPTION
*F802GFCI	King Recommended Electronic Programmable, 15 Amp, 120/208/240V, GFCI
TH115-AF-GA	Honeywell/Aube Electronic Programmable, 15 Amp, 120/208/240V, GFCI
TH114-AF-GA	Honeywell/Aube Electronic Non-Program, 15 Amp, 120/208/240V, GFCI
TH115-AF-12VDC	Honeywell/Aube Electronic Program Master, 120/208/240V supply, 12V DC control
CT230	Honeywell/Aube Slave Unit, 15 Amp, 120/208/240V, used with master

Note: Must use one CT230 to switch each heating load. Master unit can control up to ten slave units.

Indoor Floor Heating Accessories



FCS1 Cable Strapping



FCS13



F8SENSOR



AC112-01/U



FCS11

MODEL	DESCRIPTION
FCS11	Heating Cable Monitor
FCS13	Heating Cable Repair Kit
FCS1	FC Cable Strapping
AC112-01/U	Replacement Floor Sensor for Honeywell/Aube Thermostats
F8SENSOR	Replacement Floor Sensor for King F802 Thermostats



Thermal Storage

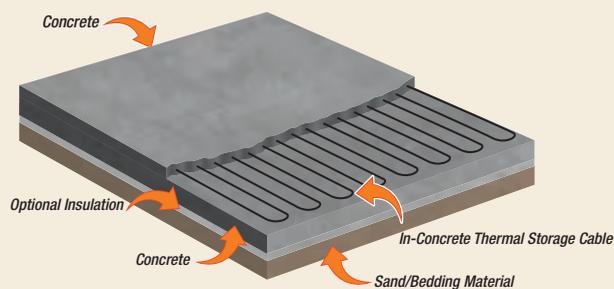
Thermal Storage Heating Systems

King's Thermal Storage Heating systems are designed to warm the concrete slab of a building, creating a thermal mass that radiates heat into the building. King's system runs during off-peak hours, heating the floor to a consistent temperature, then shuts off during peak hours using the stored thermal heat to keep costs down.

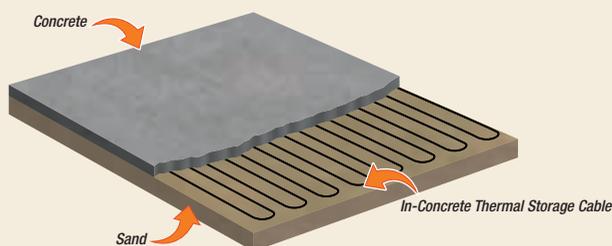
TCM Series Mats offers the easiest solution to in-concrete thermal storage, providing pre-fabricated mats at 12W/SqFt (6" spacing) that can be rolled out prior to the concrete slab being poured. The Mat series was specifically designed for quick and easy installation.

TC Series Cable offers a custom layout solution to in-concrete thermal storage, that can be installed to fit any individual application. Cable can be spaced to allow between 12W/SqFt – 14W/SqFt (4", 5" or 6" spacing) depending on the application.

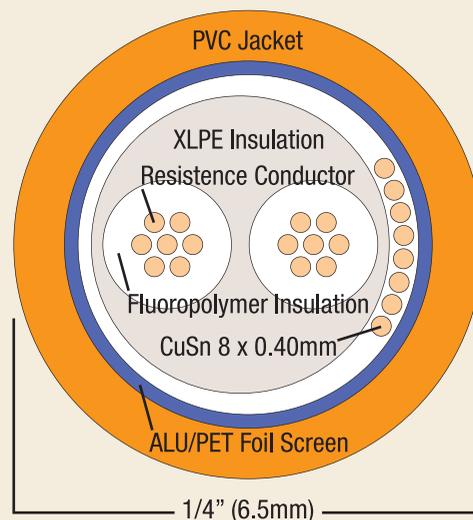
TC & TCM Concrete Installation



TC & TCM Sand Bed Installation



TC & TCM Cable Construction



Thermal Storage Cable



Model Code:

TC 24 6 -60
A B C D

A: Thermal Storage Cable

B: 24 - 240V

C: Watts per foot

D: Linear Length in feet

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

TC Thermal Storage Cable Features

- For use in concrete
- Low operating costs
- Single point connection
- Tefzel® Insulation, PVC Jacket
- Emits zero EMFs (electromagnetic fields)
- Durable construction
- 10 year warranty
- Low memory design, cable stays flat



MODEL	VOLTS	CABLE LENGTH		(4" SPACING)	(5" SPACING)	(6" SPACING)	WATTS (6 W/FT.)	AMPS
TC246-60	240	60 FT.	18.3 M	20 SQ. FT.	25 SQ. FT.	30 SQ. FT.	344	1.4
TC246-90	240	90 FT.	27.4 M	30 SQ. FT.	35 SQ. FT.	45 SQ. FT.	515	2.1
TC246-115	240	115 FT.	35.1 M	40 SQ. FT.	50 SQ. FT.	60 SQ. FT.	683	2.8
TC246-145	240	145 FT.	44.2 M	50 SQ. FT.	60 SQ. FT.	75 SQ. FT.	852	3.6
TC246-175	240	175 FT.	53.3 M	60 SQ. FT.	75 SQ. FT.	90 SQ. FT.	1026	4.3
TC246-210	240	210 FT.	64.0 M	70 SQ. FT.	90 SQ. FT.	105 SQ. FT.	1226	5.1
TC246-240	240	240 FT.	73.2 M	80 SQ. FT.	100 SQ. FT.	120 SQ. FT.	1395	5.8
TC246-300	240	300 FT.	91.4 M	100 SQ. FT.	125 SQ. FT.	150 SQ. FT.	1735	7.2
TC246-355	240	355 FT.	108.2 M	120 SQ. FT.	150 SQ. FT.	180 SQ. FT.	2072	8.6
TC246-415	240	415 FT.	126.5 M	140 SQ. FT.	170 SQ. FT.	205 SQ. FT.	2410	10
TC246-470	240	470 FT.	143.3 M	155 SQ. FT.	195 SQ. FT.	235 SQ. FT.	2756	11.5
TC246-530	240	530 FT.	161.5 M	175 SQ. FT.	220 SQ. FT.	265 SQ. FT.	3097	12.9
TC246-595	240	595 FT.	181.4 M	200 SQ. FT.	250 SQ. FT.	295 SQ. FT.	3470	14.5

More voltages available. Call for additional information

****Thermostats must always be used with King heating cable systems. See page 5 for thermostats.**

ACCESSORIES

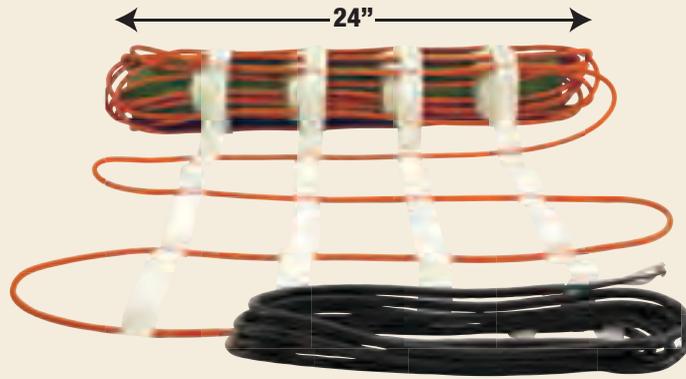
SCS1

25' Metal Cable Strapping for installation on existing concrete slab



SCS1

Thermal Storage^{Mat}



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 24" Mat Features

- For use in concrete
- Low operating costs
- Single point connection
- Tefzel® Insulation, PVCJacket
- Emits zero EMFs (electromagnetic fields)
- Durable construction
- 10 year warranty
- Low memory design, cable stays flat



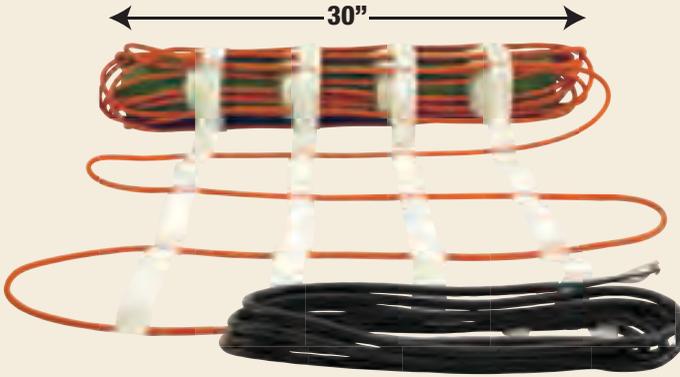
MODEL (24" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (5" SPACING)	WATTS (14 W/SQ. FT.)	AMPS
TCM241424-12	240	12.5 FT.	3.8 M	25.0 SQ. FT.	350	1.4
TCM241424-18	240	18.8 FT.	5.7 M	37.5 SQ. FT.	525	2.1
TCM241424-24	240	24.0 FT.	7.3 M	47.9 SQ. FT.	671	2.8
TCM241424-30	240	30.2 FT.	9.2 M	60.4 SQ. FT.	846	3.6
TCM241424-36	240	36.5 FT.	11.1 M	72.9 SQ. FT.	1021	4.3
TCM241424-43	240	43.8 FT.	13.3 M	87.5 SQ. FT.	1225	5.1
TCM241424-50	240	50.0 FT.	15.2 M	100.0 SQ. FT.	1400	5.8
TCM241424-62	240	62.5 FT.	19.1 M	125.0 SQ. FT.	1750	7.2
TCM241424-74	240	74.0 FT.	22.5 M	147.9 SQ. FT.	2071	8.6
TCM241424-86	240	86.5 FT.	26.4 M	172.9 SQ. FT.	2421	10.0
TCM241424-97	240	97.9 FT.	29.8 M	195.8 SQ. FT.	2742	11.5
TCM241424-110	240	110.4 FT.	33.7 M	220.8 SQ. FT.	3092	12.9
TCM241424-124	240	124.0 FT.	37.8 M	247.9 SQ. FT.	3471	14.5

MODEL (24" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (6" SPACING)	WATTS (12 W/SQ. FT.)	AMPS
TCM241224-15	240	15.0 FT.	4.6 M	30.0 SQ. FT.	360	1.4
TCM241224-22	240	22.5 FT.	6.9 M	45.0 SQ. FT.	540	2.1
TCM241224-28	240	28.8 FT.	8.8 M	57.5 SQ. FT.	690	2.8
TCM241224-36	240	36.3 FT.	11.0 M	72.5 SQ. FT.	870	3.6
TCM241224-43	240	43.8 FT.	13.3 M	87.5 SQ. FT.	1050	4.3
TCM241224-52	240	52.5 FT.	16.0 M	105.0 SQ. FT.	1260	5.1
TCM241224-60	240	60.0 FT.	18.3 M	120.0 SQ. FT.	1440	5.8
TCM241224-75	240	75.0 FT.	22.9 M	150.0 SQ. FT.	1800	7.2
TCM241224-88	240	88.8 FT.	27.1 M	177.5 SQ. FT.	2130	8.6
TCM241224-103	240	103.8 FT.	31.6 M	207.5 SQ. FT.	2490	10.0
TCM241224-117	240	117.5 FT.	35.8 M	235.0 SQ. FT.	2820	11.5
TCM241224-132	240	132.5 FT.	40.4 M	265.0 SQ. FT.	3180	12.9
TCM241224-148	240	148.8 FT.	45.3 M	297.5 SQ. FT.	3570	14.5

More voltages available. Call for additional information

****Thermostats must always be used with King heating cable systems. See page 5 for thermostats.**

Thermal Storage^{Mat}



Model Code:

TCM 24 14 30 -10
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 30" Mat Features

- For use in concrete
- Low operating costs
- Single point connection
- Tefzel® Insulation, PTV Jacket
- Emits zero EMFs (electromagnetic fields)
- Durable construction
- 10 year warranty
- Low memory design, cable stays flat



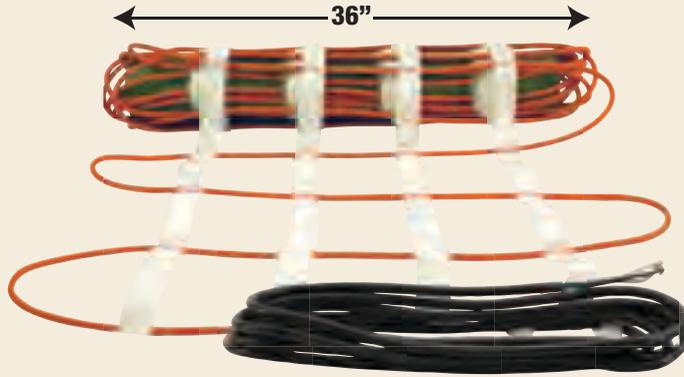
MODEL (30" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (5" SPACING)	WATTS (14 W/SQ. FT.)	AMPS
TCM241430-10	240	10.0 FT.	3.0 M	25.0 SQ. FT.	350	1.4
TCM241430-15	240	15.0 FT.	4.6 M	37.5 SQ. FT.	525	2.1
TCM241430-19	240	19.2 FT.	5.8 M	47.9 SQ. FT.	671	2.8
TCM241430-24	240	24.2 FT.	7.4 M	60.4 SQ. FT.	846	3.6
TCM241430-29	240	29.2 FT.	8.9 M	72.9 SQ. FT.	1021	4.3
TCM241430-35	240	35.0 FT.	10.7 M	87.5 SQ. FT.	1225	5.1
TCM241430-40	240	40.0 FT.	12.2 M	100.0 SQ. FT.	1400	5.8
TCM241430-50	240	50.0 FT.	15.2 M	125.0 SQ. FT.	1750	7.2
TCM241430-59	240	59.2 FT.	18.0 M	147.9 SQ. FT.	2071	8.6
TCM241430-69	240	69.2 FT.	21.1 M	172.9 SQ. FT.	2421	10.0
TCM241430-78	240	78.3 FT.	23.9 M	195.8 SQ. FT.	2742	11.5
TCM241430-88	240	88.3 FT.	26.9 M	220.8 SQ. FT.	3092	12.9
TCM241430-99	240	99.2 FT.	30.2 M	247.9 SQ. FT.	3471	14.5

MODEL (30" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (6" SPACING)	WATTS (12 W/SQ. FT.)	AMPS
TCM241230-12	240	12.0 FT.	3.7 M	30.0 SQ. FT.	360	1.4
TCM241230-18	240	18.0 FT.	5.5 M	45.0 SQ. FT.	540	2.1
TCM241230-23	240	23.0 FT.	7.0 M	57.5 SQ. FT.	690	2.8
TCM241230-29	240	29.0 FT.	8.8 M	72.5 SQ. FT.	870	3.6
TCM241230-35	240	35.0 FT.	10.7 M	87.5 SQ. FT.	1050	4.3
TCM241230-42	240	42.0 FT.	12.8 M	105.0 SQ. FT.	1260	5.1
TCM241230-48	240	48.0 FT.	14.6 M	120.0 SQ. FT.	1440	5.8
TCM241230-60	240	60.0 FT.	18.3 M	150.0 SQ. FT.	1800	7.2
TCM241230-71	240	71.0 FT.	21.6 M	177.5 SQ. FT.	2130	8.6
TCM241230-83	240	83.0 FT.	25.3 M	207.5 SQ. FT.	2490	10.0
TCM241230-94	240	94.0 FT.	28.7 M	235.0 SQ. FT.	2820	11.5
TCM241230-106	240	106.0 FT.	32.3 M	265.0 SQ. FT.	3180	12.9
TCM241230-119	240	119.0 FT.	36.3 M	297.5 SQ. FT.	3570	14.5

More voltages available. Call for additional information

****Thermostats must always be used with King heating cable systems. See page 5 for thermostats.**

Thermal Storage^{Mat}



Model Code:

TCM 24 14 36 -8
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 36" Mat Features

- For use in concrete
- Low operating costs
- Single point connection
- Tefzel® Insulation, PTV Jacket
- Emits zero EMFs (electromagnetic fields)
- Durable construction
- 10 year warranty
- Low memory design, cable stays flat



MODEL (36" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (5" SPACING)	WATTS (14 W/SQ. FT.)	AMPS
TCM241436-8	240	8.3 FT.	2.5 M	25.0 SQ. FT.	350	1.4
TCM241436-12	240	12.5 FT.	3.8 M	37.5 SQ. FT.	525	2.1
TCM241436-16	240	16.0 FT.	4.9 M	47.9 SQ. FT.	671	2.8
TCM241436-20	240	20.1 FT.	6.1 M	60.4 SQ. FT.	846	3.6
TCM241436-24	240	24.3 FT.	7.4 M	72.9 SQ. FT.	1021	4.3
TCM241436-29	240	29.2 FT.	8.9 M	87.5 SQ. FT.	1225	5.1
TCM241436-33	240	33.3 FT.	10.2 M	100.0 SQ. FT.	1400	5.8
TCM241436-41	240	41.7 FT.	12.7 M	125.0 SQ. FT.	1750	7.2
TCM241436-49	240	49.3 FT.	15.0 M	147.9 SQ. FT.	2071	8.6
TCM241436-57	240	57.6 FT.	17.6 M	172.9 SQ. FT.	2421	10.0
TCM241436-65	240	65.3 FT.	19.9 M	195.8 SQ. FT.	2742	11.5
TCM241436-73	240	73.6 FT.	22.4 M	220.8 SQ. FT.	3092	12.9
TCM241436-82	240	82.6 FT.	25.2 M	247.9 SQ. FT.	3471	14.5
TCM241436-94	240	94.4 FT.	28.8 M	283.3 SQ. FT.	3967	16.6

MODEL (36" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (6" SPACING)	WATTS (12 W/SQ. FT.)	AMPS
TCM241236-10	240	10.0 FT.	3.0 M	30.0 SQ. FT.	360	1.4
TCM241236-15	240	15.0 FT.	4.6 M	45.0 SQ. FT.	540	2.1
TCM241236-19	240	19.2 FT.	5.8 M	57.5 SQ. FT.	690	2.8
TCM241236-24	240	24.2 FT.	7.4 M	72.5 SQ. FT.	870	3.6
TCM241236-29	240	29.2 FT.	8.9 M	87.5 SQ. FT.	1050	4.3
TCM241236-35	240	35.0 FT.	10.7 M	105.0 SQ. FT.	1260	5.1
TCM241236-40	240	40.0 FT.	12.2 M	120.0 SQ. FT.	1440	5.8
TCM241236-50	240	50.0 FT.	15.2 M	150.0 SQ. FT.	1800	7.2
TCM241236-59	240	59.2 FT.	18.0 M	177.5 SQ. FT.	2130	8.6
TCM241236-69	240	69.2 FT.	21.1 M	207.5 SQ. FT.	2490	10.0
TCM241236-78	240	78.3 FT.	23.9 M	235.0 SQ. FT.	2820	11.5
TCM241236-88	240	88.3 FT.	26.9 M	265.0 SQ. FT.	3180	12.9
TCM241236-99	240	99.2 FT.	30.2 M	297.5 SQ. FT.	3570	14.5
TCM241236-113	240	113.3 FT.	34.5 M	340.0 SQ. FT.	4080	16.6

More voltages available. Call for additional information

****Thermostats must always be used with King heating cable systems. See page 5 for thermostats.**



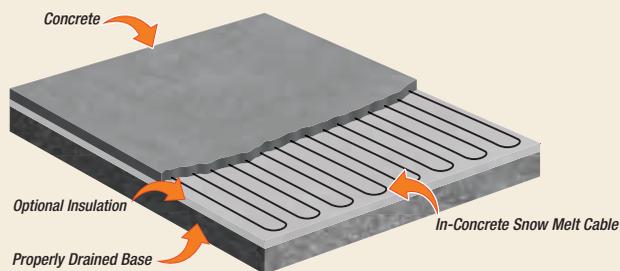
Snow Melt Systems

King's Snow Melt Systems are great solutions to stay ahead of the snow and ice when winter arrives. On-demand snow melt improves the safety of driveways, sidewalks, stairs and other outdoor foot-traffic areas, keeping them free from the dangers of ice. Keep your home or business safe and accessible all year long.

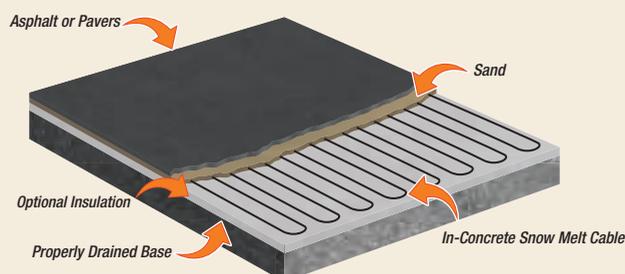
SCM Series Mats offer the easiest solution to snow and ice build-up, providing pre-fabricated mats at 50W/SqFt (3" spacing) that can be rolled out prior to the concrete slab being poured. Whether you are heating concrete, asphalt or pavers the SCM will keep your area clear and safe to walk on.

SC Series Cable offers a custom in-concrete layout solution to snow and ice build-up, and can be installed to fit any individual application. Cable can be spaced to allow between 36W/SqFt – 48W/SqFt (3" or 4" spacing) depending on the application. Heating concrete, asphalt or pavers with the SC will keep your area free from snow build up and formation of ice.

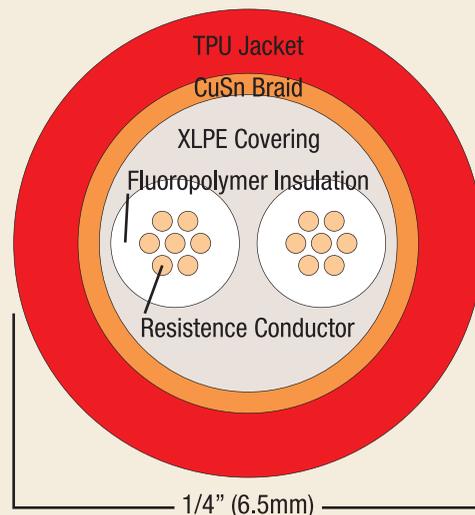
SC & SCM Concrete Installation



SC & SCM Asphalt/Paver Installation



SC & SCM Cable Construction



Snow Melt Cable



Model Code:

SC 20 12 -35
A B C D

A: Snow Melt Cable

B: 20 - 208V

24 - 240V

C: Watts per foot

D: Linear Length in feet

SC Series Snow Melt Cable is designed for a variety of cold weather applications, melting snow and ice for improved safety conditions.

SC Snow Melt Cable Features

- For use in concrete, asphalt and under pavers
- For use in sidewalks, driveways, stairs, ramps, etc.
- Single point connection

- Twin conductor
- Emits zero EMFs (electromagnetic fields)
- 10 year warranty
- Tefzel® Insulation, TPU Jacket



MODEL	VOLTS	CABLE LENGTH		(3" SPACING)	(4" SPACING)	(5" SPACING)	(6" SPACING)	WATTS (12 W/FT.)	AMPS
SC2012-35	208	35 FT.	10.7 M	9 SQ. FT.	12 SQ. FT.	15 SQ. FT.	18 SQ. FT.	420	2.0
SC2012-50	208	50 FT.	15.2 M	13 SQ. FT.	17 SQ. FT.	21 SQ. FT.	25 SQ. FT.	600	2.9
SC2012-70	208	70 FT.	21.3 M	18 SQ. FT.	23 SQ. FT.	29 SQ. FT.	35 SQ. FT.	840	4.0
SC2012-85	208	85 FT.	25.9 M	21 SQ. FT.	28 SQ. FT.	35 SQ. FT.	43 SQ. FT.	1020	4.9
SC2012-105	208	105 FT.	32.0 M	26 SQ. FT.	35 SQ. FT.	44 SQ. FT.	53 SQ. FT.	1260	6.1
SC2012-125	208	125 FT.	38.1 M	31 SQ. FT.	42 SQ. FT.	52 SQ. FT.	63 SQ. FT.	1500	7.2
SC2012-145	208	145 FT.	44.2 M	36 SQ. FT.	48 SQ. FT.	60 SQ. FT.	73 SQ. FT.	1740	8.4
SC2012-160	208	160 FT.	48.8 M	40 SQ. FT.	53 SQ. FT.	67 SQ. FT.	80 SQ. FT.	1920	9.2
SC2012-180	208	180 FT.	54.9 M	45 SQ. FT.	60 SQ. FT.	75 SQ. FT.	90 SQ. FT.	2160	10.4
SC2012-210	208	210 FT.	64.0 M	53 SQ. FT.	70 SQ. FT.	88 SQ. FT.	105 SQ. FT.	2520	12.1
SC2012-245	208	245 FT.	74.7 M	61 SQ. FT.	82 SQ. FT.	102 SQ. FT.	123 SQ. FT.	2940	14.1
SC2012-280	208	280 FT.	85.3 M	70 SQ. FT.	93 SQ. FT.	117 SQ. FT.	140 SQ. FT.	3360	16.2
SC2012-320	208	320 FT.	97.5 M	80 SQ. FT.	107 SQ. FT.	133 SQ. FT.	160 SQ. FT.	3840	18.5
SC2012-355	208	355 FT.	108.2 M	89 SQ. FT.	118 SQ. FT.	148 SQ. FT.	178 SQ. FT.	4260	20.5
SC2012-410	208	410 FT.	125.0 M	103 SQ. FT.	137 SQ. FT.	171 SQ. FT.	205 SQ. FT.	4920	23.7
SC2012-460	208	460 FT.	140.2 M	115 SQ. FT.	153 SQ. FT.	192 SQ. FT.	230 SQ. FT.	5520	26.5

MODEL	VOLTS	CABLE LENGTH		(3" SPACING)	(4" SPACING)	(5" SPACING)	(6" SPACING)	WATTS (12 W/FT.)	AMPS
SC2412-40	240	40 FT.	12.2 M	10 SQ. FT.	13 SQ. FT.	17 SQ. FT.	20 SQ. FT.	480	2.0
SC2412-60	240	60 FT.	18.3 M	15 SQ. FT.	20 SQ. FT.	25 SQ. FT.	30 SQ. FT.	720	3.0
SC2412-80	240	80 FT.	24.4 M	20 SQ. FT.	27 SQ. FT.	33 SQ. FT.	40 SQ. FT.	960	4.0
SC2412-100	240	100 FT.	30.5 M	25 SQ. FT.	33 SQ. FT.	42 SQ. FT.	50 SQ. FT.	1200	5.0
SC2412-120	240	120 FT.	36.6 M	30 SQ. FT.	40 SQ. FT.	50 SQ. FT.	60 SQ. FT.	1440	6.0
SC2412-145	240	145 FT.	44.2 M	36 SQ. FT.	48 SQ. FT.	60 SQ. FT.	73 SQ. FT.	1740	7.3
SC2412-165	240	165 FT.	50.3 M	41 SQ. FT.	55 SQ. FT.	69 SQ. FT.	83 SQ. FT.	1980	8.3
SC2412-185	240	185 FT.	56.4 M	46 SQ. FT.	62 SQ. FT.	77 SQ. FT.	93 SQ. FT.	2220	9.3
SC2412-205	240	205 FT.	62.5 M	51 SQ. FT.	68 SQ. FT.	85 SQ. FT.	103 SQ. FT.	2460	10.3
SC2412-245	240	245 FT.	74.7 M	61 SQ. FT.	82 SQ. FT.	102 SQ. FT.	123 SQ. FT.	2940	12.3
SC2412-285	240	285 FT.	86.9 M	71 SQ. FT.	95 SQ. FT.	119 SQ. FT.	143 SQ. FT.	3420	14.3
SC2412-325	240	325 FT.	99.1 M	81 SQ. FT.	108 SQ. FT.	135 SQ. FT.	163 SQ. FT.	3900	16.3
SC2412-370	240	370 FT.	112.8 M	93 SQ. FT.	123 SQ. FT.	154 SQ. FT.	185 SQ. FT.	4440	18.5
SC2412-410	240	410 FT.	125.0 M	103 SQ. FT.	137 SQ. FT.	171 SQ. FT.	205 SQ. FT.	4920	20.5
SC2412-475	240	475 FT.	144.8 M	119 SQ. FT.	158 SQ. FT.	198 SQ. FT.	238 SQ. FT.	5700	23.8
SC2412-535	240	535 FT.	163.1 M	134 SQ. FT.	178 SQ. FT.	223 SQ. FT.	268 SQ. FT.	6420	26.8

More voltages available. Call for additional information

****Controls and thermostats should always be used with King heating cable systems. See pages 28 - 30 for details.**

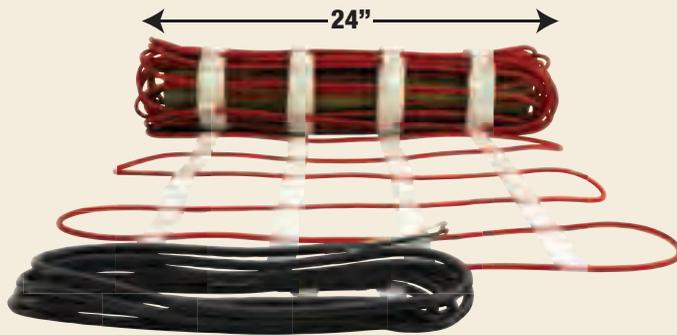
ACCESSORIES

SCS1

25' Metal Cable Strapping for installation on existing concrete slab

Snow Melt^{Mat}

208V



Model Code:

SCM	20	48	24	-4
A	B	C	D	E
A: Snow Melt Mat				
B: 20 - 208V				
C: Watts per Sq/Ft				
D: Width of Mat				
E: Coverage Area in Sq/Ft				

SCM Series Snow Melt Mat is designed for a variety of cold weather applications, melting snow and ice for improved safety conditions.

SCM Snow Melt 24" Mat Features

- For use in concrete, asphalt and under pavers
- For use in sidewalks, driveways, stairs, ramps, etc.
- Single point connection
- Emits zero EMFs (electromagnetic fields)
- 10 year warranty
- Tefzel[®] Insulation, TPU Jacket



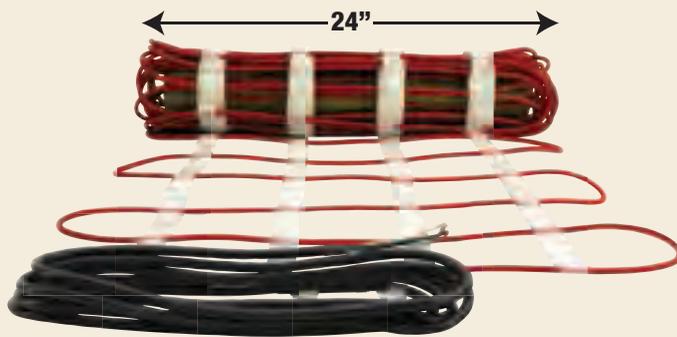
MODEL (24" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (3" SPACING)	WATTS (48 W/SQ. FT.)	AMPS
SCM204824-4	208	4.4 FT.	1.3 M	8.8 SQ. FT.	422	2.0
SCM204824-6	208	6.3 FT.	1.9 M	12.5 SQ. FT.	600	2.9
SCM204824-8	208	8.8 FT.	2.7 M	17.5 SQ. FT.	840	4.0
SCM204824-10	208	10.6 FT.	3.2 M	21.3 SQ. FT.	1022	4.9
SCM204824-13	208	13.1 FT.	4.0 M	26.3 SQ. FT.	1262	6.1
SCM204824-15	208	15.6 FT.	4.8 M	31.3 SQ. FT.	1502	7.2
SCM204824-18	208	18.1 FT.	5.5 M	36.3 SQ. FT.	1742	8.4
SCM204824-20	208	20.0 FT.	6.1 M	40.0 SQ. FT.	1920	9.2
SCM204824-22	208	22.5 FT.	6.9 M	45.0 SQ. FT.	2160	10.4
SCM204824-26	208	26.3 FT.	8.0 M	52.5 SQ. FT.	2520	12.1
SCM204824-30	208	30.6 FT.	9.3 M	61.3 SQ. FT.	2942	14.1
SCM204824-35	208	35.0 FT.	10.7 M	70.0 SQ. FT.	3360	16.2
SCM204824-40	208	40.0 FT.	12.2 M	80.0 SQ. FT.	3840	18.5
SCM204824-44	208	44.4 FT.	13.5 M	88.8 SQ. FT.	4262	20.5
SCM204824-51	208	51.3 FT.	15.6 M	102.5 SQ. FT.	4920	23.7
SCM204824-57	208	57.5 FT.	17.5 M	115.0 SQ. FT.	5520	26.5
MODEL (24" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (4" SPACING)	WATTS (36 W/SQ. FT.)	AMPS
SCM203624-5	208	5.8 FT.	1.8 M	11.7 SQ. FT.	422	2.0
SCM203624-8	208	8.3 FT.	2.5 M	16.7 SQ. FT.	600	2.9
SCM203624-11	208	11.7 FT.	3.6 M	23.3 SQ. FT.	840	4.0
SCM203624-14	208	14.2 FT.	4.3 M	28.3 SQ. FT.	1022	4.9
SCM203624-17	208	17.5 FT.	5.3 M	35.0 SQ. FT.	1262	6.1
SCM203624-20	208	20.8 FT.	6.4 M	41.7 SQ. FT.	1502	7.2
SCM203624-24	208	24.2 FT.	7.4 M	48.3 SQ. FT.	1742	8.4
SCM203624-26	208	26.7 FT.	8.1 M	53.3 SQ. FT.	1920	9.2
SCM203624-30	208	30.0 FT.	9.1 M	60.0 SQ. FT.	2160	10.4
SCM203624-35	208	35.0 FT.	10.7 M	70.0 SQ. FT.	2520	12.1
SCM203624-40	208	40.8 FT.	12.4 M	81.7 SQ. FT.	2942	14.1
SCM203624-53	208	46.7 FT.	14.2 M	93.3 SQ. FT.	3840	16.2
SCM203624-59	208	53.3 FT.	16.3 M	106.7 SQ. FT.	4262	18.5
SCM203624-68	208	59.2 FT.	18.0 M	118.3 SQ. FT.	4920	20.5
SCM203624-76	208	68.3 FT.	20.8 M	136.7 SQ. FT.	5520	23.7
SCM203624-46	208	76.7 FT.	23.4 M	153.3 SQ. FT.	3360	26.5

More voltages available. Call for additional information

****Controls and thermostats should always be used with King heating cable systems. See pages 28 - 30 for details.**

Snow Melt_{Mat}

240V



Model Code:

SCM	24	48	24	-5
A	B	C	D	E
A: Snow Melt Mat				
B: 24 - 240V				
C: Watts per Sq/Ft				
D: Width of Mat				
E: Coverage Area in Sq/Ft				

SCM Series Snow Melt Mat is designed for a variety of cold weather applications, melting snow and ice for improved safety conditions.

SCM Snow Melt 24" Mat Features

- For use in concrete, asphalt and under pavers
- For use in sidewalks, driveways, stairs, ramps, etc.
- Single point connection
- Emits zero EMFs (electromagnetic fields)
- 10 year warranty
- Tefzel® Insulation, TPU Jacket



MODEL (24" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (3" SPACING)	WATTS (48 W/SQ. FT.)	AMPS
SCM244824-5	240	5.0 FT.	1.5 M	10.0 SQ. FT.	480	2.0
SCM244824-7	240	7.5 FT.	2.3 M	15.0 SQ. FT.	720	3.0
SCM244824-10	240	10.0 FT.	3.0 M	20.0 SQ. FT.	960	4.0
SCM244824-12	240	12.5 FT.	3.8 M	25.0 SQ. FT.	1200	5.0
SCM244824-15	240	15.0 FT.	4.6 M	30.0 SQ. FT.	1440	6.0
SCM244824-18	240	18.1 FT.	5.5 M	36.3 SQ. FT.	1742	7.3
SCM244824-20	240	20.6 FT.	6.3 M	41.3 SQ. FT.	1982	8.3
SCM244824-23	240	23.1 FT.	7.0 M	46.3 SQ. FT.	2222	9.3
SCM244824-25	240	25.6 FT.	7.8 M	51.3 SQ. FT.	2462	10.3
SCM244824-30	240	30.6 FT.	9.3 M	61.3 SQ. FT.	2942	12.3
SCM244824-35	240	35.6 FT.	10.9 M	71.3 SQ. FT.	3422	14.3
SCM244824-40	240	40.6 FT.	12.4 M	81.3 SQ. FT.	3902	16.3
SCM244824-46	240	46.3 FT.	14.1 M	92.5 SQ. FT.	4440	18.5
SCM244824-51	240	51.3 FT.	15.6 M	102.5 SQ. FT.	4920	20.5
SCM244824-59	240	59.4 FT.	18.1 M	118.8 SQ. FT.	5702	23.8
SCM244824-66	240	66.9 FT.	20.4 M	133.8 SQ. FT.	6422	26.8

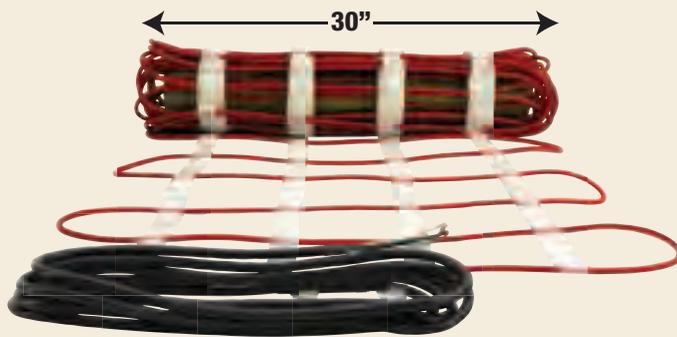
MODEL (24" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (4" SPACING)	WATTS (36 W/SQ. FT.)	AMPS
SCM243624-6	240	6.7 FT.	2.0 M	13.3 SQ. FT.	479	2.0
SCM243624-10	240	10.0 FT.	3.0 M	20.0 SQ. FT.	720	3.0
SCM243624-13	240	13.3 FT.	4.1 M	26.7 SQ. FT.	960	4.0
SCM243624-16	240	16.7 FT.	5.1 M	33.3 SQ. FT.	1200	5.0
SCM243624-20	240	20.0 FT.	6.1 M	40.0 SQ. FT.	1440	6.0
SCM243624-24	240	24.2 FT.	7.4 M	48.3 SQ. FT.	1740	7.3
SCM243624-27	240	27.5 FT.	8.4 M	55.0 SQ. FT.	1980	8.3
SCM243624-30	240	30.8 FT.	9.4 M	61.7 SQ. FT.	2220	9.3
SCM243624-34	240	34.2 FT.	10.4 M	68.3 SQ. FT.	2460	10.3
SCM243624-40	240	40.8 FT.	12.4 M	81.7 SQ. FT.	2940	12.3
SCM243624-47	240	47.5 FT.	14.5 M	95.0 SQ. FT.	3420	14.3
SCM243624-54	240	54.2 FT.	16.5 M	108.3 SQ. FT.	3900	16.3
SCM243624-61	240	61.7 FT.	18.8 M	123.3 SQ. FT.	4440	18.5
SCM243624-68	240	68.3 FT.	20.8 M	136.7 SQ. FT.	4920	20.5
SCM243624-79	240	79.2 FT.	24.1 M	158.3 SQ. FT.	5700	23.8
SCM243624-89	240	89.2 FT.	27.2 M	178.3 SQ. FT.	6420	26.8

More voltages available. Call for additional information

****Controls and thermostats should always be used with King heating cable systems. See pages 28 - 30 for details.**

Snow Melt^{Mat}

208V



Model Code:

SCM	20	48	30	-3
A	B	C	D	E
A: Snow Melt Mat				
B: 20 - 208V				
C: Watts per Sq/Ft				
D: Width of Mat				
E: Coverage Area in Sq/Ft				

SCM Series Snow Melt Mat is designed for a variety of cold weather applications, melting snow and ice for improved safety conditions.

SCM Snow Melt 30" Mat Features

- For use in concrete, asphalt and under pavers
- For use in sidewalks, driveways, stairs, ramps, etc.
- Single point connection
- Emits zero EMFs (electromagnetic fields)
- 10 year warranty
- Tefzel[®] Insulation, TPU Jacket



MODEL (30" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (3" SPACING)	WATTS (48 W/SQ. FT.)	AMPS
SCM204830-3	208	3.5 FT.	1.1 M	8.8 SQ. FT.	560	2.0
SCM204830-5	208	5.0 FT.	1.5 M	12.5 SQ. FT.	800	2.9
SCM204830-7	208	7.0 FT.	2.1 M	17.5 SQ. FT.	1120	4.0
SCM204830-8	208	8.5 FT.	2.6 M	21.3 SQ. FT.	1360	4.9
SCM204830-10	208	10.5 FT.	3.2 M	26.3 SQ. FT.	1680	6.1
SCM204830-12	208	12.5 FT.	3.8 M	31.3 SQ. FT.	2000	7.2
SCM204830-14	208	14.5 FT.	4.4 M	36.3 SQ. FT.	2320	8.4
SCM204830-16	208	16.0 FT.	4.9 M	40.0 SQ. FT.	2560	9.2
SCM204830-18	208	18.0 FT.	5.5 M	45.0 SQ. FT.	2880	10.4
SCM204830-21	208	21.0 FT.	6.4 M	52.5 SQ. FT.	3360	12.1
SCM204830-24	208	24.5 FT.	7.5 M	61.3 SQ. FT.	3920	14.1
SCM204830-28	208	28.0 FT.	8.5 M	70.0 SQ. FT.	4480	16.2
SCM204830-32	208	32.0 FT.	9.8 M	80.0 SQ. FT.	5120	18.5
SCM204830-35	208	35.5 FT.	10.8 M	88.8 SQ. FT.	5680	20.5
SCM204830-41	208	41.0 FT.	12.5 M	102.5 SQ. FT.	6560	23.7
SCM204830-46	208	46.0 FT.	14.0 M	115.0 SQ. FT.	7360	26.5

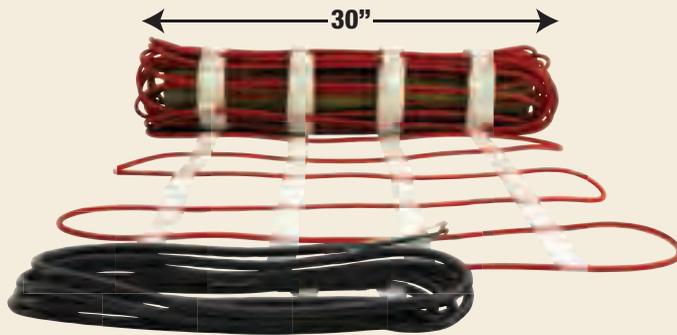
MODEL (30" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (4" SPACING)	WATTS (36 W/SQ. FT.)	AMPS
SCM203630-4	208	4.7 FT.	1.4 M	11.7 SQ. FT.	420	2.0
SCM203630-6	208	6.7 FT.	2.0 M	16.7 SQ. FT.	600	2.9
SCM203630-9	208	9.3 FT.	2.8 M	23.3 SQ. FT.	840	4.0
SCM203630-11	208	11.3 FT.	3.5 M	28.3 SQ. FT.	1020	4.9
SCM203630-14	208	14.0 FT.	4.3 M	35.0 SQ. FT.	1260	6.1
SCM203630-16	208	16.7 FT.	5.1 M	41.7 SQ. FT.	1500	7.2
SCM203630-19	208	19.3 FT.	5.9 M	48.3 SQ. FT.	1740	8.4
SCM203630-21	208	21.3 FT.	6.5 M	53.3 SQ. FT.	1920	9.2
SCM203630-24	208	24.0 FT.	7.3 M	60.0 SQ. FT.	2160	10.4
SCM203630-28	208	28.0 FT.	8.5 M	70.0 SQ. FT.	2520	12.1
SCM203630-32	208	32.7 FT.	10.0 M	81.7 SQ. FT.	2940	14.1
SCM203630-37	208	37.3 FT.	11.4 M	93.3 SQ. FT.	3360	16.2
SCM203630-42	208	42.7 FT.	13.0 M	106.7 SQ. FT.	3840	18.5
SCM203630-47	208	47.3 FT.	14.4 M	118.3 SQ. FT.	4260	20.5
SCM203630-54	208	54.7 FT.	16.7 M	136.7 SQ. FT.	4920	23.7
SCM203630-61	208	61.3 FT.	18.7 M	153.3 SQ. FT.	5520	26.5

More voltages available. Call for additional information

****Controls and thermostats should always be used with King heating cable systems. See pages 28 - 30 for details.**

Snow Melt_{Mat}

240V



Model Code:

SCM	24	48	30	-4
A	B	C	D	E
A: Snow Melt Mat				
B: 24 - 240V				
C: Watts per Sq/Ft				
D: Width of Mat				
E: Coverage Area in Sq/Ft				

SCM Series Snow Melt Mat is designed for a variety of cold weather applications, melting snow and ice for improved safety conditions.

SCM Snow Melt 30" Mat Features

- For use in concrete, asphalt and under pavers
- For use in sidewalks, driveways, stairs, ramps, etc.
- Single point connection
- Emits zero EMFs (electromagnetic fields)
- 10 year warranty
- Tefzel® Insulation, TPU Jacket



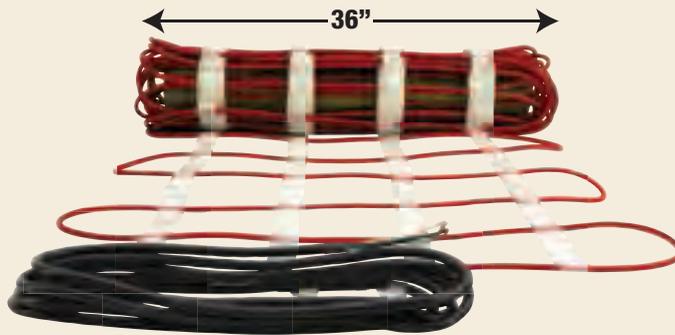
MODEL (30" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (3" SPACING)	WATTS (48 W/SQ. FT.)	AMPS
SCM244830-4	240	4.0	1.2 M	10.0 SQ. FT.	480	2.0
SCM244830-6	240	6.0	1.8 M	15.0 SQ. FT.	720	3.0
SCM244830-8	240	8.0	2.4 M	20.0 SQ. FT.	960	4.0
SCM244830-10	240	10.0	3.0 M	25.0 SQ. FT.	1200	5.0
SCM244830-12	240	12.0	3.7 M	30.0 SQ. FT.	1440	6.0
SCM244830-14	240	14.5	4.4 M	36.3 SQ. FT.	1740	7.3
SCM244830-16	240	16.5	5.0 M	41.3 SQ. FT.	1980	8.3
SCM244830-18	240	18.5	5.6 M	46.3 SQ. FT.	2220	9.3
SCM244830-20	240	20.5	6.2 M	51.3 SQ. FT.	2460	10.3
SCM244830-24	240	24.5	7.5 M	61.3 SQ. FT.	2940	12.3
SCM244830-28	240	28.5	8.7 M	71.3 SQ. FT.	3420	14.3
SCM244830-32	240	32.5	9.9 M	81.3 SQ. FT.	3900	16.3
SCM244830-37	240	37.0	11.3 M	92.5 SQ. FT.	4440	18.5
SCM244830-41	240	41.0	12.5 M	102.5 SQ. FT.	4920	20.5
SCM244830-47	240	47.5	14.5 M	118.8 SQ. FT.	5700	23.8
SCM244830-53	240	53.5	16.3 M	133.8 SQ. FT.	6420	26.8
MODEL (30" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (4" SPACING)	WATTS (36 W/SQ. FT.)	AMPS
SCM243630-5	240	5.3 FT.	1.6 M	13.3 SQ. FT.	480	2.0
SCM243630-8	240	8.0 FT.	2.4 M	20.0 SQ. FT.	720	3.0
SCM243630-10	240	10.7 FT.	3.3 M	26.7 SQ. FT.	960	4.0
SCM243630-13	240	13.3 FT.	4.1 M	33.3 SQ. FT.	1200	5.0
SCM243630-16	240	16.0 FT.	4.9 M	40.0 SQ. FT.	1440	6.0
SCM243630-19	240	19.3 FT.	5.9 M	48.3 SQ. FT.	1740	7.3
SCM243630-22	240	22.0 FT.	6.7 M	55.0 SQ. FT.	1980	8.3
SCM243630-24	240	24.7 FT.	7.5 M	61.7 SQ. FT.	2220	9.3
SCM243630-27	240	27.3 FT.	8.3 M	68.3 SQ. FT.	2460	10.3
SCM243630-32	240	32.7 FT.	10.0 M	81.7 SQ. FT.	2940	12.3
SCM243630-38	240	38.0 FT.	11.6 M	95.0 SQ. FT.	3420	14.3
SCM243630-43	240	43.3 FT.	13.2 M	108.3 SQ. FT.	3900	16.3
SCM243630-49	240	49.3 FT.	15.0 M	123.3 SQ. FT.	4440	18.5
SCM243630-54	240	54.7 FT.	16.7 M	136.7 SQ. FT.	4920	20.5
SCM243630-69	240	63.3 FT.	19.3 M	158.3 SQ. FT.	5700	23.8
SCM243630-71	240	71.3 FT.	21.7 M	178.3 SQ. FT.	6420	26.8

More voltages available. Call for additional information

****Controls and thermostats should always be used with King heating cable systems. See pages 28 - 30 for details.**

Snow Melt^{Mat}

208V



Model Code:

SCM	20	48	36	-2
A	B	C	D	E
A: Snow Melt Mat				
B: 20 - 208V				
C: Watts per Sq/Ft				
D: Width of Mat				
E: Coverage Area in Sq/Ft				

SCM Series Snow Melt Mat is designed for a variety of cold weather applications, melting snow and ice for improved safety conditions.

SCM Snow Melt 36" Mat Features

- For use in concrete, asphalt and under pavers
- For use in sidewalks, driveways, stairs, ramps, etc.
- Single point connection
- Emits zero EMFs (electromagnetic fields)
- 10 year warranty
- Tefzel[®] Insulation, TPU Jacket



MODEL (36" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (3" SPACING)	WATTS (48 W/SQ. FT.)	AMPS
SCM204836-2	208	2.9 FT.	0.9 M	8.8 SQ. FT.	420	2.0
SCM204836-4	208	4.2 FT.	1.3 M	12.5 SQ. FT.	600	2.9
SCM204836-5	208	5.8 FT.	1.8 M	17.5 SQ. FT.	840	4.0
SCM204836-7	208	7.1 FT.	2.2 M	21.3 SQ. FT.	1020	4.9
SCM204836-8	208	8.8 FT.	2.7 M	26.3 SQ. FT.	1260	6.1
SCM204836-10	208	10.4 FT.	3.2 M	31.3 SQ. FT.	1500	7.2
SCM204836-12	208	12.1 FT.	3.7 M	36.3 SQ. FT.	1740	8.4
SCM204836-13	208	13.3 FT.	4.1 M	40.0 SQ. FT.	1920	9.2
SCM204836-15	208	15.0 FT.	4.6 M	45.0 SQ. FT.	2160	10.4
SCM204836-17	208	17.5 FT.	5.3 M	52.5 SQ. FT.	2520	12.1
SCM204836-20	208	20.4 FT.	6.2 M	61.3 SQ. FT.	2940	14.1
SCM204836-23	208	23.3 FT.	7.1 M	70.0 SQ. FT.	3360	16.2
SCM204836-26	208	26.7 FT.	8.1 M	80.0 SQ. FT.	3840	18.5
SCM204836-29	208	29.6 FT.	9.0 M	88.8 SQ. FT.	4260	20.5
SCM204836-34	208	34.2 FT.	10.4 M	102.5 SQ. FT.	4920	23.7
SCM204836-38	208	38.3 FT.	11.7 M	115.0 SQ. FT.	5520	26.5

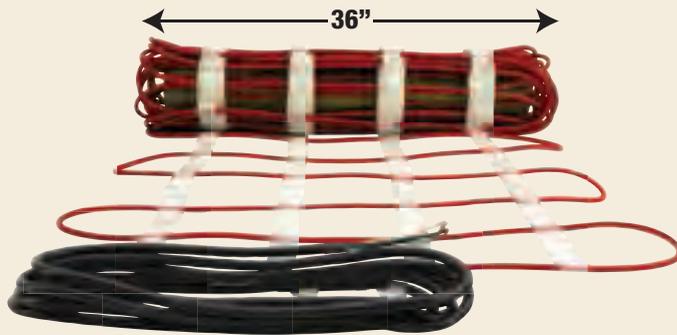
MODEL (36" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (4" SPACING)	WATTS (36 W/SQ. FT.)	AMPS
SCM203636-3	208	3.9 FT.	1.2 M	11.7 SQ. FT.	420	2.0
SCM203636-5	208	5.6 FT.	1.7 M	16.7 SQ. FT.	600	2.9
SCM203636-7	208	7.8 FT.	2.4 M	23.3 SQ. FT.	840	4.0
SCM203636-9	208	9.4 FT.	2.9 M	28.3 SQ. FT.	1020	4.9
SCM203636-11	208	11.7 FT.	3.6 M	35.0 SQ. FT.	1260	6.1
SCM203636-13	208	13.9 FT.	4.2 M	41.7 SQ. FT.	1500	7.2
SCM203636-16	208	16.1 FT.	4.9 M	48.3 SQ. FT.	1740	8.4
SCM203636-17	208	17.8 FT.	5.4 M	53.3 SQ. FT.	1920	9.2
SCM203636-20	208	20.0 FT.	6.1 M	60.0 SQ. FT.	2160	10.4
SCM203636-23	208	23.3 FT.	7.1 M	70.0 SQ. FT.	2520	12.1
SCM203636-27	208	27.2 FT.	8.3 M	81.7 SQ. FT.	2940	14.1
SCM203636-31	208	31.1 FT.	9.5 M	93.3 SQ. FT.	3360	16.2
SCM203636-35	208	35.6 FT.	10.8 M	106.7 SQ. FT.	3840	18.5
SCM203636-39	208	39.4 FT.	12.0 M	118.3 SQ. FT.	4260	20.5
SCM203636-45	208	45.6 FT.	13.9 M	136.7 SQ. FT.	4920	23.7
SCM203636-51	208	51.1 FT.	15.6 M	153.3 SQ. FT.	5520	26.5

More voltages available. Call for additional information

****Controls and thermostats should always be used with King heating cable systems. See pages 28 - 30 for details.**

Snow Melt_{Mat}

240V



Model Code:

SCM	24	48	36	-4
A	B	C	D	E
A: Snow Melt Mat				
B: 24 - 240V				
C: Watts per Sq/Ft				
D: Width of Mat				
E: Coverage Area in Sq/Ft				

SCM Series Snow Melt Mat is designed for a variety of cold weather applications, melting snow and ice for improved safety conditions.

SCM Snow Melt 36" Mat Features

- For use in concrete, asphalt and under pavers
- For use in sidewalks, driveways, stairs, ramps, etc.
- Single point connection
- Emits zero EMFs (electromagnetic fields)
- 10 year warranty
- Tefzel® Insulation, TPU Jacket



MODEL (36" WIDE)VOLTS		MAT LENGTH		HEATED AREA (3" SPACING)	WATTS (48 W/SQ. FT.)	AMPS
SCM244836-3	240	3.3 FT.	1.0 M	10.0 SQ. FT.	480	2.0
SCM244836-5	240	5.0 FT.	1.5 M	15.0 SQ. FT.	720	3.0
SCM244836-6	240	6.7 FT.	2.0 M	20.0 SQ. FT.	960	4.0
SCM244836-8	240	8.3 FT.	2.5 M	25.0 SQ. FT.	1200	5.0
SCM244836-10	240	10.0 FT.	3.0 M	30.0 SQ. FT.	1440	6.0
SCM244836-12	240	12.1 FT.	3.7 M	36.3 SQ. FT.	1740	7.3
SCM244836-13	240	13.8 FT.	4.2 M	41.3 SQ. FT.	1980	8.3
SCM244836-15	240	15.4 FT.	4.7 M	46.3 SQ. FT.	2220	9.3
SCM244836-17	240	17.1 FT.	5.2 M	51.3 SQ. FT.	2460	10.3
SCM244836-20	240	20.4 FT.	6.2 M	61.3 SQ. FT.	2940	12.3
SCM244836-23	240	23.8 FT.	7.2 M	71.3 SQ. FT.	3420	14.3
SCM244836-27	240	27.1 FT.	8.3 M	81.3 SQ. FT.	3900	16.3
SCM244836-30	240	30.8 FT.	9.4 M	92.5 SQ. FT.	4440	18.5
SCM244836-34	240	34.2 FT.	10.4 M	102.5 SQ. FT.	4920	20.5
SCM244836-39	240	39.6 FT.	12.1 M	118.8 SQ. FT.	5700	23.8
SCM244836-44	240	44.6 FT.	13.6 M	133.8 SQ. FT.	6420	26.8
MODEL (36" WIDE)	VOLTS	MAT LENGTH		HEATED AREA (4" SPACING)	WATTS (36 W/SQ. FT.)	AMPS
SCM243636-4	240	4.4 FT.	1.4 M	13.3 SQ. FT.	480	2.0
SCM243636-6	240	6.7 FT.	2.0 M	20.0 SQ. FT.	720	3.0
SCM243636-8	240	8.9 FT.	2.7 M	26.7 SQ. FT.	960	4.0
SCM243636-11	240	11.1 FT.	3.4 M	33.3 SQ. FT.	1200	5.0
SCM243636-13	240	13.3 FT.	4.1 M	40.0 SQ. FT.	1440	6.0
SCM243636-16	240	16.1 FT.	4.9 M	48.3 SQ. FT.	1740	7.3
SCM243636-18	240	18.3 FT.	5.6 M	55.0 SQ. FT.	1980	8.3
SCM243636-20	240	20.6 FT.	6.3 M	61.7 SQ. FT.	2220	9.3
SCM243636-22	240	22.8 FT.	6.9 M	68.3 SQ. FT.	2460	10.3
SCM243636-27	240	27.2 FT.	8.3 M	81.7 SQ. FT.	2940	12.3
SCM243636-31	240	31.7 FT.	9.7 M	95.0 SQ. FT.	3420	14.3
SCM243636-36	240	36.1 FT.	11.0 M	108.3 SQ. FT.	3900	16.3
SCM243636-41	240	41.1 FT.	12.5 M	123.3 SQ. FT.	4440	18.5
SCM243636-45	240	45.6 FT.	13.9 M	136.7 SQ. FT.	4920	20.5
SCM243636-52	240	52.8 FT.	16.1 M	158.3 SQ. FT.	5700	23.8
SCM243636-59	240	59.4 FT.	18.1 M	178.3 SQ. FT.	6420	26.8

More voltages available. Call for additional information

****Controls and thermostats should always be used with King heating cable systems. See pages 28 - 30 for details.**

Pipe Freeze Protection



Pipe Freeze Protection Systems

King's Pipe Freeze Protection systems ensure that your pipes remain clear of ice and water continues to flow all winter long. Easy installation makes the process go quickly so you can be prepared long before winter arrives. Perfect for residential, commercial or industrial applications.

SRP Series Self-Regulating Pre-Assembled Heating Cable is designed for a variety of pipe freeze protection applications. The cable is constructed so that it will not burn out or overheat when overlapped, and can be used on metal and plastic pipes. The cable is pre-terminated with a 30 inch cold lead.

SR Series Self-Regulating Heating Cable is designed for commercial and industrial pipe trace applications. The cable is constructed so that it will not burn out or overheat when overlapped, and can be used on metal and plastic pipes. The cable is stocked in 250 ft. coils and 1000 ft. reels and can be cut to length for custom orders.

CWP Series Constant Wattage Pipe Trace Heating Cable is designed to prevent pipes from freezing, keeping water flowing down to -40°F. Operating at 7W per linear foot, it has an integrated energy-saving thermostat for efficient use and a power indicator light in the plug. The CWP is pre-assembled and ready to install on metal and plastic pipes.

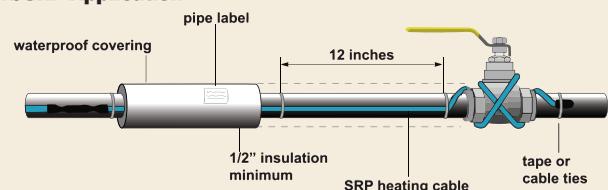
SR/SRG/SRP Cable



Cable Construction Table

Outer Jacket	Rugged polyolefin UV jacket
Outer Jacket (-CT)*	Fluoropolymer jacket
Ground Braid	Tinned copper
Inner Jacket	Flame retardent thermoplastic
Core	Self-regulating semi-conductive core
Bus Wire	16 gauge tinned copper

SR/SRP Application



CWP Application



Pre-Assembled Heating Cable

Pre-Assembled



120 Volt - Grounded Plug

SRP Series Self-Regulating Pre-Assembled Heating Cable is designed for a variety of pipe freeze protection applications.

SRP Self-Regulating Pre-Assembled Heating Cable Features

- Pre-terminated with 30 inch grounded plug and end splice
- Suitable for use on metal and plastic pipes
- 2 year warranty
- Cable will not overheat or burn out when overlapped
- 16 gauge heating cable bus wire
- 6 w/ft at 40° F (4°C)



MODEL	VOLTS	LENGTH	WATTS*
SRP126-6	120	6 FT.	36
SRP126-12	120	12 FT.	72
SRP126-18	120	18 FT.	108
SRP126-24	120	24 FT.	144
SRP126-50	120	50 FT.	300
SRP126-75	120	75 FT.	450
SRP126-100	120	100 FT.	600

*Wattage rating for pipe freeze protection application is 6 w/ft determined at 40°F (4°C). Wattage rating for roof and gutter de-icing application is 8 w/ft determined at 32°F (0°C).



240V - Cold Leads

SRP Series Self-Regulating Pre-Assembled Heating Cable is designed for a variety of pipe freeze protection applications.

SRP Self-Regulating Pre-Assembled Heating Cable Features

- Cable will not overheat or burn out when overlapped
- Suitable for use on metal and plastic pipes
- 2 year warranty
- 16 gauge heating cable bus wire
- 6 w/ft at 40° F (4°C)

MODEL	VOLTS	LENGTH	WATTS*
SRP246-6	240	6 FT.	36
SRP246-12	240	12 FT.	72
SRP246-18	240	18 FT.	108
SRP246-24	240	24 FT.	144
SRP246-50	240	50 FT.	300
SRP246-75	240	75 FT.	450
SRP246-100	240	100 FT.	600

*Wattage rating for pipe freeze protection application is 6 w/ft determined at 40°F (4°C). Wattage rating for roof and gutter de-icing application is 8 w/ft determined at 32°F (0°C).

SRP ACCESSORIES & CONTROLS

SRK03	Pipe trace tape (66 ft) and labels
TRF115-005	Freeze protection thermostat, weatherproof with 5 ft. remote bulb, 25 amp at 120/208/240V, 22amp at 277V, adjustable temp 0°F to 120°F, suitable for 24 VAC operation
TC-3	Plug in fixed thermostat, 120V, 15 amp, on at 35°F off at 45°F (12/case)



SRK03



TC-3



TRF115-005

Constant Wattage Pipe Trace Cable



Model Code:

CWP 021 -3
A B C

A: Constant Wattage

B: Watts

C: Linear Length in feet

CWP Series Constant Wattage Pipe Freeze Protection Cable is designed to prevent pipes from freezing, keeping water flowing to -40°F .

CWP Constant Wattage Pipe Trace Heating Cable Features

- Stops pipe and valve freeze down to -40°F
- Integrated energy-saving thermostat
- Power indicator light in plug
- Pre-assembled and ready to install
- For metal and plastic pipes
- 1 year warranty



MODEL	LENGTH	VOLTS	WATTS (7 W/FT.)	AMPS
CWP021-3	3 FT.	120	21	0.2
CWP042-6	6 FT.	120	42	0.4
CWP063-9	9 FT.	120	63	0.5
CWP084-12	12 FT.	120	84	0.7
CWP105-15	15 FT.	120	105	0.9
CWP126-18	18 FT.	120	126	1.1
CWP168-24	24 FT.	120	168	1.4
CWP210-30	30 FT.	120	210	1.8
CWP280-40	40 FT.	120	280	2.3
CWP420-60	60 FT.	120	420	3.5
CWP560-80	80 FT.	120	560	4.7

****NOTE: Do not overlap cable.**

CWP ACCESSORIES

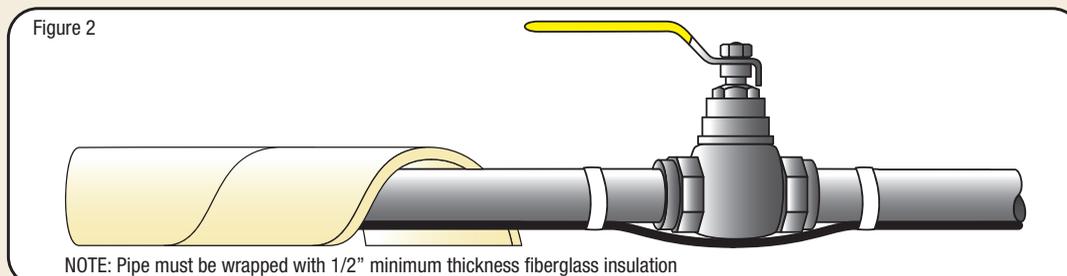
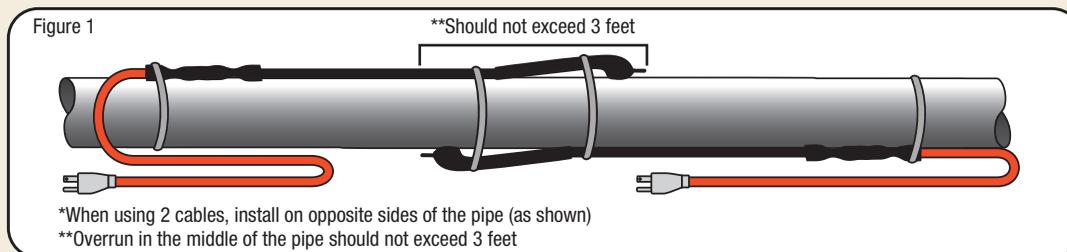
SRK03

Pipe trace tape (66 ft) and labels

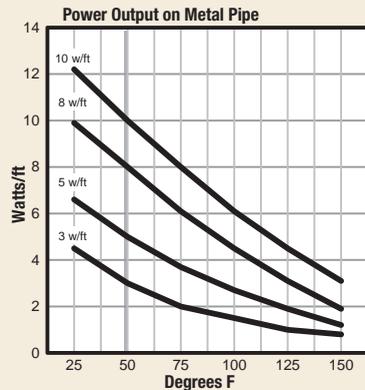
Simply run cable straight along pipe and valves, securing every 6" with quality electrical tape. Plug into a **GFCI** (ground fault protected) electrical outlet and system is ready for use.

Pipe Selection: To select the correct length cable(s) for your application, you must first determine the **Length** and **Diameter** of the pipe to be heated (including valves).

Refer to **Cable Selection Guide** to determine the cable length(s) required for your specific application. Then select the King model number with matching length(s).



Self-Regulating Heating Cable



1,000 ft. Reel

Model Code:

SR 12 3 -250

A B C D

A: Self Regulating Cable

B: 12 - 120V

24 - 240V

C: Watts per foot

D: Linear Length in feet

SR Series Self-Regulating Heating Cable is designed for a variety of industrial and commercial pipe trace applications.

SR Self-Regulating Heating Cable Features

- Stops pipe and valve freeze down to -40°F
- Suitable for use on metal and plastic pipes
- Cable will not overheat or burn out when overlapped
- 2 year warranty



MODEL	VOLTS	LENGTH	PIPE RATING	WEIGHT
SR123-250	120	250 FT.	3 W/FT.	20 LBS.
SR123-1000	120	1000 FT.	3 W/FT.	80 LBS.
SR125-250	120	250 FT.	5 W/FT.	20 LBS.
SR125-1000	120	1000 FT.	5 W/FT.	80 LBS.
SR128-250	120	250 FT.	8 W/FT.	20 LBS.
SR128-1000	120	1000 FT.	8 W/FT.	80 LBS.
SR1210-250	120	250 FT.	10 W/FT.	20 LBS.
SR1210-1000	120	1000 FT.	10 W/FT.	80 LBS.

MODEL	VOLTS	LENGTH	PIPE RATING	WEIGHT
SR243-250	240*	250 FT.	3 W/FT.	20 LBS.
SR243-1000	240*	1000 FT.	3 W/FT.	80 LBS.
SR245-250	240*	250 FT.	5 W/FT.	20 LBS.
SR245-1000	240*	1000 FT.	5 W/FT.	80 LBS.
SR248-250	240*	250 FT.	8 W/FT.	20 LBS.
SR248-1000	240*	1000 FT.	8 W/FT.	80 LBS.
SR2410-250	240*	250 FT.	10 W/FT.	20 LBS.
SR2410-1000	240*	1000 FT.	10 W/FT.	80 LBS.

MODEL	VOLTS	LENGTH	PIPE RATING	WEIGHT
SR123	120	CUT TO LENGTH	3 W/FT.	0.080 LBS./FT.
SR125	120	CUT TO LENGTH	5 W/FT.	0.080 LBS./FT.
SR128	120	CUT TO LENGTH	8 W/FT.	0.080 LBS./FT.
SR1210	120	CUT TO LENGTH	10 W/FT.	0.080 LBS./FT.

MODEL	LENGTH	VOLTS	PIPE RATING	WEIGHT
SR243	240	CUT TO LENGTH	3 W/FT.	0.080 LBS./FT.
SR245	240	CUT TO LENGTH	5 W/FT.	0.080 LBS./FT.
SR248	240	CUT TO LENGTH	8 W/FT.	0.080 LBS./FT.
SR2410	240	CUT TO LENGTH	10 W/FT.	0.080 LBS./FT.

*Approved for 208, 220, 277 volt operation. Call for wattage adjustment information.

****Controls must always be used with King heating cable systems. See page 26 & 29 for details.**

SR ACCESSORIES

SRK00	Hard wired power connection kit, includes end seal
SRK03	Pipe trace tape (66 ft) and labels
SRK08	Plug in 120V connection kit with GFEP device, includes end seal
SRK10	Weatherproof splice/tee kit, includes end seal
SRK12	End seal kit (2 per package)

Gutter/Roof De-icing



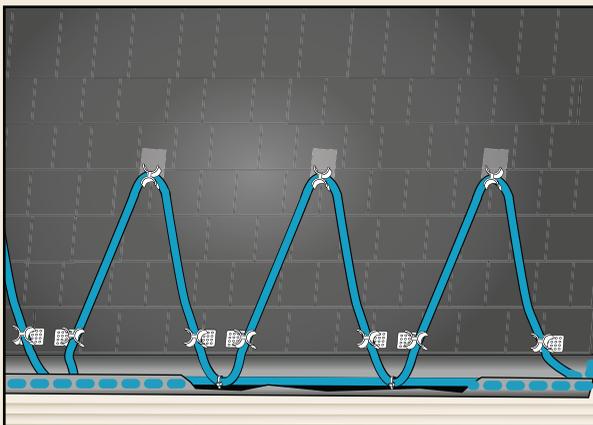
Gutter/Roof De-icing Systems

King's Gutter/Roof De-icing systems helps prevent snow and ice build-up on roofs and gutters. Whether installed on a shake, shingle or metal roof, the SRP & SRG will give you the desired results you are looking for. The system is reliable and will not overheat or burn out if overlapped.

SRG Series Self-Regulating Heating Cable is designed for commercial and industrial gutter and roof de-icing applications. The cable is constructed so that it will not burn out or overheat when overlapped, and can be used on metallic and nonmetallic roofs, downspouts and gutters. The cable is stocked in 50 ft., 100 ft., 250 ft., 500 ft. & 1000 ft. coils & reels and can be cut to length for custom orders.

SRP Series Self-Regulating Pre-Assembled Heating Cable is designed for a variety of gutter and roof de-icing applications. The cable is constructed so that it will not burn out or overheat when overlapped, and can be used on metallic and nonmetallic downspouts and gutters. The cable is pre-terminated with a 30 inch cold lead and grounded plug

Shake/Shingle Roof Installation



Metal Seam Roof Installation



Pre-Assembled Heating Cable



120 Volt - Grounded Plug

Model Code:

SRP 12 6 -6
A B C D

A: Pre-Assembled Self Reg.

B: 12 - 120V

24 - 240V

C: Watts per foot*

D: Linear Length in feet

SRP Series Self-Regulating Pre-Assembled Heating Cable is designed for a variety of roof & gutter de-icing applications.

SRP Self-Regulating Pre-Assembled Heating Cable Features

- Pre-terminated with 30 inch ground plug and end splice
- Cable will not overheat or burn out when overlapped
- Suitable for metallic and nonmetallic gutters and downspouts
- 16 gauge heating cable bus wire
- 2 year warranty



MODEL	VOLTS	LENGTH	WATTS*
SRP126-6	120	6 FT.	48
SRP126-12	120	12 FT.	96
SRP126-18	120	18 FT.	144
SRP126-24	120	24 FT.	192
SRP126-50	120	50 FT.	450
SRP126-75	120	75 FT.	600
SRP126-100	120	100 FT.	800

*Wattage rating for roof and gutter de-icing application is 8 w/ft determined at 32°F (0°C). Wattage rating for pipe freeze protection application is 6 w/ft determined at 40°F (4°C).



240 Volt - Cold Leads

SRP Series Self-Regulating Pre-Assembled Heating Cable is designed for a variety of pipe freeze protection applications.

SRP Self-Regulating Pre-Assembled Heating Cable Features

- Cable will not overheat or burn out when overlapped
- 16 gauge heating cable bus wire
- Suitable for use on metal and plastic pipes
- 2 year warranty

MODEL	VOLTS	LENGTH	WATTS*
SRP246-6	240	6 FT.	48
SRP246-12	240	12 FT.	96
SRP246-18	240	18 FT.	144
SRP246-24	240	24 FT.	192
SRP246-50	240	50 FT.	450
SRP246-75	240	75 FT.	600
SRP246-100	240	100 FT.	800

*Wattage rating for roof and gutter de-icing application is 8 w/ft determined at 32°F (0°C). Wattage rating for pipe freeze protection application is 6 w/ft determined at 40°F (4°C).

SRP ACCESSORIES & CONTROLS

SRK13	Roof clip (25 per package)
SRK15	Downspout hanger and cable ties
DS-8	Gutter ice melting controller, NEMA 3R, 120/208/240V, 30 amp, adjustable temperature range 34°F to 44°F, 1/2" hub



SRK13



SRK15



DS-8

Self-Regulating Heating Cable



Model Code:

SRG 12 3 -50

A B C D

A: Self Regulating Cable

B: 12 - 120V

24 - 240V

C: Watts per foot

D: Linear Length in feet

SRG Series Self-Regulating Heating Cable is designed for a variety of industrial and commercial de-icing applications.

SRG Self-Regulating Heating Cable Features

- Cable will not overheat or burn out when overlapped
- 2 year warranty
- Suitable for metallic and nonmetallic gutters and downspouts
- Wattage rating is determined at 32°F (0°C).



MODEL	VOLTS	LENGTH	DE-ICING RATING*
SRG123-50	120	50 FT.	5 W/FT.
SRG123-100	120	100 FT.	5 W/FT.
SRG123-250	120	250 FT.	5 W/FT.
SRG125-50	120	50 FT.	8 W/FT.
SRG125-250	120	250 FT.	8 W/FT.
SRG125-500	120	500 FT.	8 W/FT.
SRG125-1000	120	1000 FT.	8 W/FT.
SRG128-50	120	50 FT.	12.1 W/FT.
SRG128-100	120	100 FT.	12.1 W/FT.
SRG128-250	120	250 FT.	12.1 W/FT.
SRG128-500	120	500 FT.	12.1 W/FT.
SRG128-1000	120	1000 FT.	12.1 W/FT.
SRG1210-50	120	50 FT.	14.8 W/FT.
SRG1210-100	120	100 FT.	14.8 W/FT.
SRG1210-250	120	250 FT.	14.8 W/FT.
SRG1210-500	120	500 FT.	14.8 W/FT.
MODEL	VOLTS	LENGTH	DE-ICING RATING*
SRG243-50	240	50 FT.	5 W/FT.
SRG243-100	240	100 FT.	5 W/FT.
SRG243-250	240	250 FT.	5 W/FT.
SRG243-500	240	500 FT.	5 W/FT.
SRG245-50	240	50 FT.	8 W/FT.
SRG245-100	240	100 FT.	8 W/FT.
SRG245-250	240	250 FT.	8 W/FT.
SRG245-500	240	500 FT.	8 W/FT.
SRG245-1000	240	1000 FT.	8 W/FT.
SRG248-50	240	50 FT.	12.1 W/FT.
SRG248-100	240	100 FT.	12.1 W/FT.
SRG248-250	240	250 FT.	12.1 W/FT.
SRG248-500	240	500 FT.	12.1 W/FT.
SRG248-1000	240	1000 FT.	12.1 W/FT.
SRG2410-50	240	50 FT.	14.8 W/FT.
SRG2410-100	240	100 FT.	14.8 W/FT.
SRG2410-250	240	250 FT.	14.8 W/FT.
SRG2410-500	240	500 FT.	14.8 W/FT.
SRG2410-1000	240	1000 FT.	14.8 W/FT.

Approved for 208, 220, 277 volt operation. Call for wattage adjustment information.

*Wattage rating for roof and gutter de-icing application is determined at 32°F (0°C). Wattage rating for pipe freeze protection application is determined at 40°F (4°C).

****Controls must always be used with King heating cable systems. See page 26 & 28 for details.**



SRK00 Hard Wired Power Connection Kit

Contains labels, pipe mounting bracket, box connector, wire nuts and heat shrink tubing to make electrical supply connection to a metal junction box. Includes one end seal.



SRK02 Connection Kit

Contains heat shrink tubing and woven braid. Also includes one end seal.



SRK10 Splice and Tee Kit

Contains heat shrink tubing and other materials to make one splice or one tee connection. Also includes one end seal.



SRK08 Plug in 120V Connection Kit with GFEP Device

Contains labels, GFEP protection device with 120V plug, cable ties, crimp type connectors, heat shrink tubing and labels. Includes one end seal.



SRK12 End Seal Kit

Contains heat shrink tubing and other materials to make two end seals.



SRK03 Tape

Pipe trace tape and labels.

SRK15 Downspout

Downspout hanger and cable ties.



SRK13 Clip

Roof clip for mounting cable

MODEL	DESCRIPTION	WEIGHT
SRK00	Hard wired power connection kit, includes end seal	0.3 lbs.
SRK02	Connection kit, includes end seal	0.3 lbs.
SRK03	Pipe trace tape (66 ft) and labels	0.1 lbs.
SRK08	Plug in 120V connection kit with GFEP device, includes end seal	1.0 lbs.
SRK10	Weatherproof splice/tee kit, includes end seal	0.2 lbs.
SRK12	End seal kit (2 per package)	0.1 lbs.
SRK13	Roof clip (25 per package)	0.2 lbs.
SRK15	Downspout hanger and cable ties	0.3 lbs.

Roof/Drain De-Icing System



With the introduction of membrane & rubber roofing materials, the attachment of de-icing cables to the roof has presented a dilemma for roofing specialists. A major concern of property owners is the damage caused by ice damming. The roof drain de-icing jig was created with several things in mind. The jig is lightweight, inexpensive, and uses SRG series de-icing cable without anchoring through the roof membrane. It is easy to customize to job conditions in the field. It adapts easily for use in canales and scuppers on southwestern and flat roof style architecture, both commercial and residential. It is easy to install with small hand tools.



4RDDJ22



6RDDJ22



3625R14 RAY

MODEL	DESCRIPTION	WEIGHT
4RDDJ22	Canale/Scupper Jig, consists of 1 frame and 4 rays	
6RDDJ22	Flat Roof Drain Jig, consists of 1 frame and 6 rays	
3625R14 RAY	Cable Keeper / RDDJ-Grid	

Call for availability on additional ETI controls not shown above.

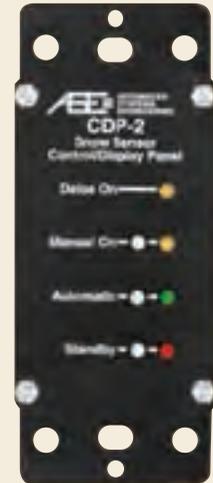
Roof & Gutter De-Icing Controls



DS-8/DS-8C/DS-24



GIT-1



CDP-2



GIT-3A



GIT-4

MODEL	DESCRIPTION	WEIGHT
DS-8	Gutter ice melting controller, NEMA 3R, 120/208/240V, 30 amp, adjustable temperature range 34°F to 44°F, 1/2" hub	5.0 lbs.
DS-8C	Gutter ice melting controller, NEMA 3R, 120/208/240/277V, 30 amp, adjustable temperature range 34°F to 44°F, 1/2" hub	5.0 lbs.
DS-8/24	Gutter ice melting controller, NEMA 3R, 24V, adjustable temperature range 34°F to 44°F, 1/2" hub	5.0 lbs.
CDP-2	Indoor sensor control display, manual/auto/standby modes, includes 18" control cable (CS-1)	0.5 lbs.
CS-1	Control cable for CDP-2 control panel, 18" lead	0.1 lbs.
CS-50	Control cable for CDP-2 control panel, 50 ft. lead	0.3 lbs.
MG-3	Replacement sensor for DS controller	0.2 lbs.
GIT-1	GIT-1 Gutter De-Icing Sensor	
GIT-3A	Gutter ice melting controller, 120-277V, 26 amp	7.0 lbs.
GIT-4	Gutter ice melting controller, with GFEP, 120-277V, 26 amp	9.0 lbs.

Call for availability on additional ETI controls not shown above.

Pipe Freeze Protection



GPT-3



SST-2 & 3



TC-3



TRF115-005

MODEL	DESCRIPTION	WEIGHT
TRF115-005	Freeze protection thermostat, weatherproof with 5 ft. remote bulb, 25 amp at 120/208/240V, 22amp at 277V, adjustable temp 0°F to 120°F, suitable for 24 VAC operation	1.5 lbs.
TC-3	Plug in fixed thermostat, 120V, 15 amp, on at 35°F off at 45°F (12/case)	0.2 lbs.
SST-2	Freeze protection thermostat fixed 40°F with GFEP, 200-277V, 30 amp	12 lbs.
SST-3	Adjustable thermostat 34°F to 150°F with GFEP, 200-277V, 30 amp	12 lbs.
GPT-3	Freeze protection thermostat 41°F to 77°F with GFEP, 120-277V, 30 amp	15 lbs.

Call for availability on additional ETI controls not shown above.

Snow Melt Controls



PD PRO



GF PRO



APS-3C1 (120V)



APS-3C2 (208-240V)



APS-4C



SC-40C



SCS1



LCD-8



CIT-1



SIT-6E



SMNPLT

MODEL	DESCRIPTION	WEIGHT
PD PRO	PD Pro Snow & Ice Control, 120 VAC, U-L / CSA	3 lbs.
GF PRO	GF PRO Snow & Ice Control w/ Ground Fault, 200-277 VAC, U-L / CSA	3 lbs.
APS-3C1	APS-3C Control Panel, 120 VAC Single Phase, U-L / CSA	15 lbs.
APS-3C2	APS-3C Control Panel, 208-240 VAC Single Phase, U-L / CSA	15 lbs.
APS-4C	APS-4C Control Panel, 208-240 VAC Three Phase, U-L / CSA	15 lbs.
SC-40C	SC-40C Satellite Contactor, 277/480 VAC Three Phase, U-L / CSA	15 lbs.
SCS1	25' Metal Cable Strapping for installation on existing concrete slab	
LCD-8	LCD-8 100-240 VAC	
CIT-1	CIT-1 Aerial Snow Sensor	
SIT-6E	SIT-6E Pavement Sensor (requires 23832 Pavement Sensor Housing)	
Pavement Sensor Housing	Pavement Sensor Housing (Not pictured)	
SMNPLT	Snow Melt Name Plate	

Call for availability on additional ETI controls not shown above.



PYRO De-Icing System

The unique staggering feature of the PYRO control melts snow & ice over larger areas, without the need to upgrade the power supply on site. Use a high demand heating system on a limited power supply source by controlling up to 5 different zones. The modular design allows customers to choose the right configuration for the specific property needs.

Enables use of high demand heating system on a limited power supply source. Modular: Up to 5 circuits/contactors. Up to 600V & 600A
Sequence of zoning 1/2/3/4/ + auxiliary (such as gutter sensor). Suitable for parallel, star & triangle connection. North American consideration operating algorithm.

- User friendly programming and adjusting
- Adjustable cycle time
- Adjustable delay (Hold on Time)
- Adjustable on and off
- Adjustable trip setting
- Non obtrusive adjustable snow sensor
- Integrated Fault Detector. GFCI non class A
- Logical setting for installer / set up & service
- Surface Upper limit adjustable Temperature Sensor
- Integrated option for Universal gutter de-icing sensor
- Programmable & precise snow and ice sensor
- Suitable for electrical & hydronic de-icing installations



PYROSTAG



PYROSENSE



PYROULS



PYROBOX



PYROSB



PYROCON12

Part#	Item	Description
PYROSENSE	Snow sensor	Outdoor Snow Sensor
PYROULS	Upper Limit Sensor	Upper Limit Temperature Sensor
PYROCON12	Main Controller	Controller and User Interface panel
PYROBOX5	Power Box 5	Power box with 5 contactors (up to 600V & 600 A)
PYROBOX3	Power Box 3	Power box with 4 contactors (up to 600V & 450 A)
PYROBOX3C	Power Box 3C	Power box with 2 contactors (up to 600V & 300 A)
PYROSB	Mounting Bracket	Wall mounting adjustable rust free holding bar

**Controls and thermostats should always be used with King heating systems.

PYRO_X De-Icing System

SPECIFICATIONS

General

Area of use Nonhazardous locations HazLoc upon request
 Approvals UL and ETL listed

Enclosure

Protection NEMA Type 1 for residential type other enclosures available upon request
 Mounting Surface mounted

Control

Supply 24V for controller
 Load Load switching provided by power Panel (POWERBOX)
 Maximum Ratings Voltage: 600 VAC. Current: 600 Amps (tested to 2400V)
 Heater hold-on timer 0 to 99 hours; actuated by sensor or manual over ride switch
 System test Manual Switching for simulated conditions and testing and commissioning

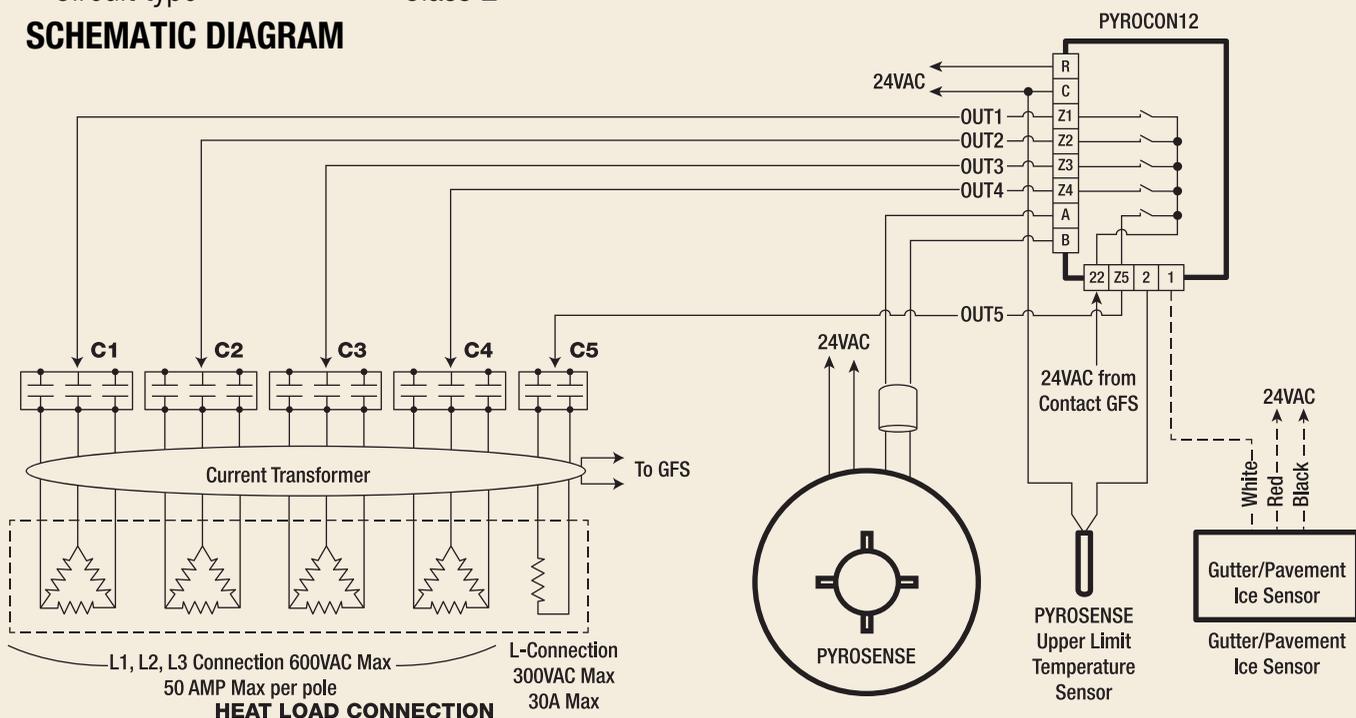
Snow /Ice Sensors

Sensor type Precipitation and temperature hybrid configuration.
 Sensor capability: Up to 4 addressable individual sensors, can be linked to 4 zones
 Supplied Lead length 30' (10m) shielded cable of 22 & 18 AWG 4-wire jacketed cable

High Limit Temperature

Adjustable range 40°F to 90°F (4°C to 32°C)
 Sensor type Sealed Thermistor
 Circuit type Class 2

SCHEMATIC DIAGRAM



Marketing Materials



SR & SRP Wall Display 36" x 12"



#40489 SR & SRP Wall Display 24" x 8"



#40095 FC & FCM Floor Heating Tile Counter Display



#39999 FC Cable Only Display Card



#39997 FC Cable and Display Tri-Fold



#40490 SR & SRP Brochure

MODEL	DESCRIPTION
40095	FC & FCM Heated Tile Counter Display, 36 watt, 120V
39999	FC Display Card (100 pack)
39997	FC Tri-Fold (50 pack)
40488	SR & SRP Wall Display 36" x 12"
40489	SR & SRP Wall Display 24" x 8"
40490	SR & SRP Brochure (1 piece)



Electric In-Floor Heat



Thermal Storage



Snow Melt



Pipe Freeze Protection



Gutter/Roof De-Icing



Controls & Thermostats

King: a technology leader.

Since 1958 King Electrical Manufacturing Company has been a leader in the heating industry, with several innovative patents. In this age of corporate conglomeration, big business, and a global economy, King is still proudly family-owned.

In our over 50 years of business we have seen exciting changes in the comfort and convenience of heating products. Technology has improved to create exciting new possibilities for innovations in heating systems. King continues to emphasize research and development, product quality, and genuine pride to ensure that our customers enjoy the best heating solutions possible.

Residential, commercial or industrial electric heat: at King we anticipate your needs and provide you with the best products and solutions!

