Product Catalog

EASYHEAT®

Since 1951, Easy Heat® products have enjoyed excellent customer acceptance while compiling an outstanding reliability record. The skilled employees of Easy Heat develop, manufacture and market products used in applications found in single family residences as well as large commercial environments.

A recognized leader in heating cable systems, Easy Heat provides ongoing product and installation support. Most Easy Heat products and systems are tested and approved by UL *(Underwriters Laboratories)*, CSA *(Canadian Standards Association)*, and/or FM *(Factory Mutual)*.

Heating Cable Systems

Electric heating cables provide an economical, expedient solution to many cold weather and pipe temperature maintenance related objectives. Inexpensive, these cables use relatively little power to help maintain fluid viscosity; keep pipes from freezing, ice dams from forming and snow from sidewalks; even take the chill out of tile floors. Engineered for specific applications, there is an Easy Heat® cable to meet your needs.

Snow Melting

Roof DeIcing

Pipe Tracing

Warm Tiles®

This graphic indicates relative complexity of products per application: easier to the left, sophisticated to the right.

indicates a residential application

indicates a commercial application

indicates an industrial/hazardous application

WARRANTY

Each product by Easy Heat is provided with a specific limited warranty: see owner's manual or contact Easy Heat for complete terms and conditions.
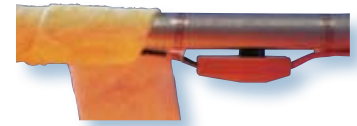
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Easy Heat Product Catalog

EASYHEAT Inc. written instructions and warranties shall supersede information in this document.
For the latest information, go to www.easyheat.com.

Pipe Tracing
Pipe Freeze Prevention
Pipe Temperature Maintenance

An economical, expedient solution to pipe freeze protection problems and meeting pipe temperature maintenance objectives, electric heating cables use relatively little power to keep pipe contents flowing freely.

The cable is simply applied to the pipe (always refer to a particular product's installation instructions) and connected to the power supply. Some cables may require separate thermostats to control operation, but pipes should be insulated to provide optimum performance and to minimize energy consumption.

Heating cables are manufactured in a variety of types to suit different applications. Easy Heat offers heating cables for residential, commercial and industrial applications.

Pipe Freeze Prevention

The following table illustrates the suitability of the various types of Easy Heat freeze protection cables.

APPLICATION	PRODUCT								
	AHB	FPC	F*F	PSR	SR	ZH	TSR	HSR	MI
Residential	●	●	●	●	●				
Manufactured Housing	●	●	●	●	●				
Commercial				●	●	●	●	●	
Industrial: Ordinary						●	●	●	●
Industrial: Hazardous							●	●	●

Pipe Temperature Maintenance

The following table illustrates the suitability of the various types of Easy Heat pipe temperature maintenance cables.

APPLICATION	PRODUCT				
	SR	ZH	TSR	HSR	MI
Commercial	●	●	●	●	●
Industrial: Ordinary		●	●	●	●
Industrial: Hazardous			●	●	●

POLARGUARD™

PIPE FREEZE PREVENTION

Residential Pipe Freeze Prevention

Self-Regulating, Pre-Terminated Pipe Tracing Cable
PolarGuard™ *(formerly Pipe Sentry™)*

FPC Series — Suitable for use on plastic or metal pipes in ordinary locations, PolarGuard™ is engineered to vary its heat output with changes in surrounding temperature. The automatic thermostat has been added to turn off power to the cable when freeze prevention is not needed. Because of the self-regulating feature of this cable, it can be safely wrapped over itself (overlapped), if necessary, when installed on pipes, valves or flanges. CSA Certified Pipe Freeze Protection Cable. Pre-terminated and self-regulating, includes thermostat and lighted plug. Nominal 5 Watts/foot at 32°F/0°C, 120 VAC.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
FPC-5	Pipe Freeze Prevention Cable, 5 ft	5	3	0-13627-01700-9
FPC-10	Pipe Freeze Prevention Cable, 10 ft	5	4	0-13627-01701-6
FPC-20	Pipe Freeze Prevention Cable, 20 ft	5	8	0-13627-01702-3
FPC-35	Pipe Freeze Prevention Cable, 35 ft	5	15	0-13627-01703-0
FPC-50	Pipe Freeze Prevention Cable, 50 ft	5	18	0-13627-01704-7

PSR

PRE-TERMINATED SELF-REGULATING™

Residential and Light Commercial Pipe Freeze Prevention

PSR™ Self-Regulating Cable, Pre-Terminated Pipe Tracing Cable

Parallel resistance, self-regulating cable provided in pre-terminated lengths (6' to 100') with factory sealed connections. Manufactured with water-resistant TPE outer jacket. UL Listed to Canadian safety standards and CSA Certified for Ordinary locations. Normally installed in residential and light commercial applications. 5 watts/ft at 50°F. 120 and 240 Volt applications.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
PSR1006	6' length, 30 watts, 120 VAC	5	10	0-13627-06907-7
PSR1012	12' length, 60 watts, 120 VAC	5	14	0-13627-06908-4
PSR1018	18' length, 90 watts, 120 VAC	5	14	0-13627-06913-8
PSR1024	24' length, 120 watts, 120 VAC	5	14	0-13627-06909-1
PSR1050	50' length, 250 watts, 120 VAC	5	23	0-13627-06910-7
PSR1075	75' length, 375 watts, 120 VAC	2	13	0-13627-06911-4
PSR1100	100' length, 500 watts, 120 VAC	2	16	0-13627-06912-1
PSR2006	6' length, 30 watts, 240 VAC	5	10	0-13627-06867-4
PSR2012	12' length, 60 watts, 240 VAC	5	14	0-13627-06868-1
PSR2018	18' length, 90 watts, 240 VAC	5	14	0-13627-06873-5
PSR2024	24' length, 120 watts, 240 VAC	5	14	0-13627-06869-8
PSR2050	50' length, 250 watts, 240 VAC	5	23	0-13627-06870-4
PSR 2075	75' length, 375 watts, 240 VAC	2	13	0-13627-06871-1
PSR2100	100' length, 500 watts, 240 VAC	2	16	0-13627-06872-8

PSR Cable, 120 VAC

Residential (Dry Location) Pipe Freeze Prevention

Reel Lengths
100 ft • 300 ft • 500 ft

Self-Regulating, Cut-to-Length Pipe Tracing Cable

Freeze Free® Cable — Self-regulating pipe heating cable that automatically varies its heat output with changes in surrounding temperature. Freeze Free® cable helps keep plastic and metal water pipes from freezing to -60ºF/-51ºC. A braided metal jacket provides an electrical ground as well as protection against damage in dry locations. Freeze Free cable is available on reels of 100', 300' and 500' and can be cut to desired lengths per application. Pre-packaged lengths of 5 feet and 15 feet are also available. 3 watts/ft, 120 VAC at 50ºF; 75' maximum circuit length, 3' minimum circuit length.

Freeze Free® Fused Plug and End Seal (10802) — This connection kit provides the specially designed fused plug to connect one Freeze Free® heater into an electrical outlet and a cable end seal. Helps ensure safe and proper usage of the Freeze Free cable.

10802 Plug End Seal Kit

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
2102	100' reel Freeze Free	1	5	0-13627-06895-7
2302	300' reel Freeze Free	1	13	0-13627-06896-4
2502	500' reel Freeze Free	1	20	0-13627-06894-0
10802	Connection Kit — Clamshell	10	3	0-13627-10802-8
10803	Connection Kit — Polybagged	25	5	0-13627-10803-5
FFEC	End Seals — 5/bag	10	2	0-13627-06946-6
10805	5' prepackaged Freeze Free Kit	5	4	0-13627-10805-9
10815	15' prepackaged Freeze Free Kit	5	6	0-13627-10815-8
4102	100' Display: (1) reel; (10) 10802	1	8	0-13627-06897-1
4302	300' Display: (1) reel; (20) 10802; (10) EH-38; (10) HCA	1	17	0-13627-06898-8
NPRO-50	50' Pro Pack: (1) reel; (3) 10803; (1) HCA	1	3	0-13627-10798-4
NPRO-100	100' Pro Pack: (1) reel; (6) 10803; (1) HCA	1	6	0-13627-10799-1

4302 Display

Freeze Free® Accessories

Freeze Free® Application Tape (HCA) — Application Tape. The best tape to use with Freeze Free® cable. Thirty feet of clear tape, rated for temperature so as not to lose its adhesive properties, printed with the words ELECTRICALLY HEATED PIPE for easy identification. One per package. $1/2''$ x 10 yards.

EH-38 Pre-set Thermostat — Automatically energizes heating cable at temperaturess lower than 38ºF/3ºC, eliminates the need for unplugging heating cables each spring and reduces the risks of frozen pipes. EH-38 can control other electrical devices that need to be activated when the temperature approaches the freezing point. 15 amps, resistive load at 125 VAC. UL, cUL.

CS — Caution Labels. Reduces possibility of accidents and liability with easy-to-read caution labels. Five per bag.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
HCA	Application Tape: $1/2$" x 30'	10	2	0-13627-06945-9
EH-38	Pre-set Thermostat; UL cUL	10	3	0-13627-09938-8
CS	Heated Pipe Caution Labels, 5 per bag	1	.25	0-13627-09924-1

EH-38 Pre-set Thermostat

Pipe Tracing
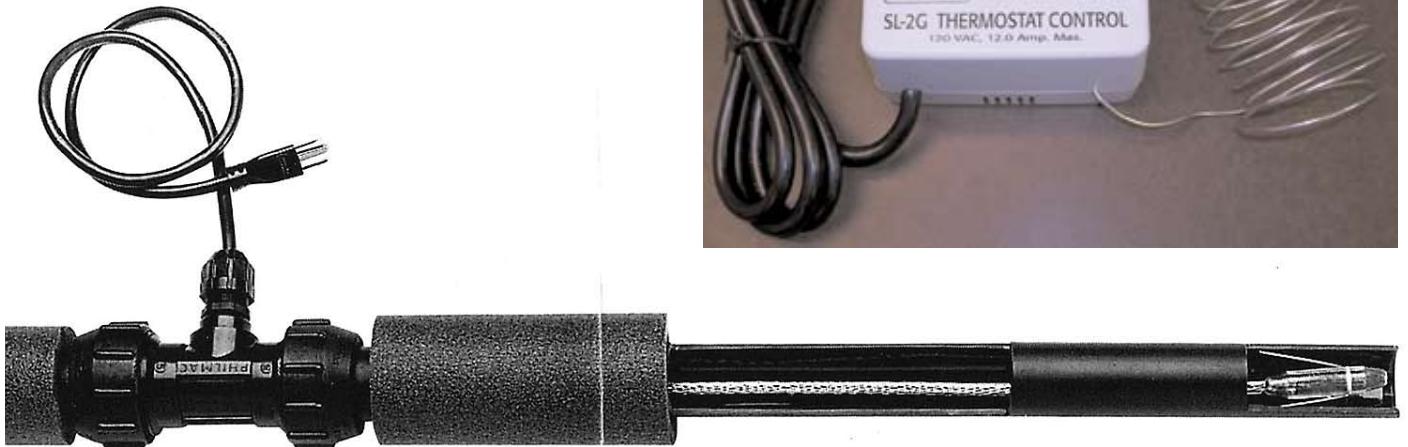## Residential Pipe Freeze Prevention

In-Line Heater

User friendly plug-in installation and CSA Certified for potable water, the In-Line Heater is an inside-the-pipe heating cable that provides an economical method to help maintain running water in $1\frac{1}{4}$" PE Pipes (adaptors available for 1" pipes) all winter long. Used in cottages, homes and barns, the ILH has an energy-saving thermostat with a built-in ground fault circuit interrupter. Can be used in insulated pipes and will not melt through pipe if dryout occurs.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
ILH-4010	10' length, 50 watts	1	4.7	0-69996-00302-0
ILH-4020	20' length, 100 watts	1	5	0-69996-00303-7
ILH-4030	30' length, 150 watts	1	5.2	0-69996-00304-4
ILH-4040	40' length, 200 watts	1	6	0-69996-00318-1
ILH-4050	50' length, 250 watts	1	5.7	0-69996-00305-1
ILH-4060	60' length, 300 watts	1	7	0-69996-00319-8
ILH-4070	70' length, 350 watts	1	6.1	0-69996-00306-8
ILH-4090	90' length, 450 watts	1	6.6	0-69996-00307-5
ILH-4100	100' length, 500 watts	1	6.8	0-69996-00308-2
ILH-4120	120' length, 600 watts	1	7.2	0-69996-00309-9
ILH-4140	140' length, 700 watts	1	7.7	0-69996-00310-5
ILH-4160	160' length, 800 watts	1	8.2	0-69996-00311-2
ILH-4180	180' length, 900 watts	1	8.6	0-69996-00312-9
ILH-4200	200' length, 1000 watts	1	9.1	0-69996-00313-6
ILH-4225	225' length, 1125 watts	1	9.6	0-69996-00314-3
ILH-4250	250' length, 1250 watts	1	10.2	0-69996-00315-0
ILH-4270	270' length, 1350 watts	1	10.6	0-69996-00316-7
10561-001	$1\frac{1}{4}$" to 1" adaptor (2 required/Philmac fitting)	1	1	0-69996-00325-9
SL-2G	120V Thermostat Control; 12A 34–95ºF (1º–35ºC)	1	2.2	0-13627-09931-9

SL-2G
Thermostat Control

In-Line Heater

Pipe Tracing
Commercial Pipe Freeze Prevention

HB Freeze Protection Cable — Resistance heating cable includes ground braid, black outer jacket, and 2 foot orange 14/3 cold lead. No thermostat; no plug. 7 watts/ft, 120 VAC. CSA Certified and UL Listed to Canadian Safety Standards.

HB Cable

HB-1 Freeze Protection Cable — 120 VAC

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
HB01	3.28' length, 23 watts	20	10	0-69996-00332-7
HB02	6.56' length, 46 watts	20	12	0-69996-00333-4
HB03	9.84' length, 69 watts	20	15	0-69996-00334-1
HB04	13.12' length, 92 watts	20	17	0-69996-00335-8
HB05	16.41' length, 115 watts	20	20	0-69996-00336-5
HB06	19.69' length, 138 watts	20	24	0-69996-00337-2
HB07	22.97' length, 161 watts	10	13	0-69996-00338-9
HB09	29.53' length, 207 watts	10	15	0-69996-00339-6
HB12	39.37' length, 275 watts	10	17	0-69996-00340-2
HB18	59.06' length, 414 watts	10	18	0-69996-00341-9
HB24	78.74' length, 551 watts	10	21	0-69996-00342-6

HB-2 Freeze Protection Cable — 240 VAC

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
HB02-2	6.56' length, 46 watts	20	13	0-69996-00343-3
HB04-2	13.12' length, 92 watts	20	17	0-69996-00344-0
HB06-2	19.69' length, 138 watts	20	21	0-69996-00345-7
HB08-2	26.25' length, 184 watts	10	14	0-69996-00346-4
HB10-2	32.81' length, 230 watts	10	17	0-69996-00347-1
HB12-2	39.37' length, 275 watts	10	21	0-69996-00348-8
HB14-2	45.93' length, 321 watts	5	14	0-69996-00349-5
HB18-2	59.06' length, 414 watts	5	15	0-69996-00350-1
HB24-2	78.74' length, 551 watts	5	20	0-69996-00351-8

Pipe Tracing
Commercial Pipe Freeze Prevention and Pipe Temperature Maintenance
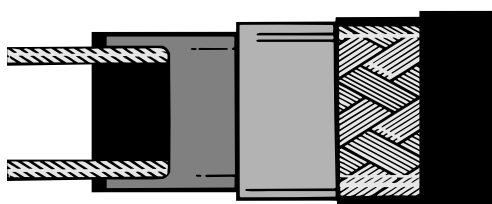
SR *SELF-REGULATING CABLE* *TRACE*®

SR Trace® Pipe Tracing — SR Trace® is a self-regulating heating cable that automatically varies its heat output with changes in surrounding temperature. Normally installed in commercial applications, SRTrace helps provide maximum freeze protection for pipes and vessels in ambient temperatures down to −40ºF. Use SR Trace® cables to maintain liquids in pipes at a constant temperature to prevent degradation of the liquid or to maintain flow conditions (viscosity). The SR Cable for pipe tracing can be installed in wet environments. Available in power densities of 3, 5, 8 watts/ft at 50ºF, for both 120 VAC and 240 VAC applications. Maximum length: 533' using SR32J cable. 240 VAC can be used for 208 VAC or 277 VAC applications: please contact your Easy Heat representative for details.
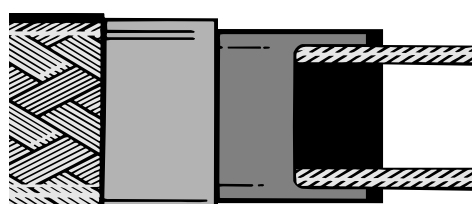
SR Trace Self Regulating Cable
250' Self Dispensing Reel Box

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
SR31CB	3 w/ft, 120 VAC, cut-to-order	—	—	—
JP31CB	3 w/ft, 120 V *Job Pack* (100' cable, 2-SRP,1-SRST,1-SRTCS)	1	8	0-13627-06931-2
SR32CB	3 w/ft, 240 VAC, cut-to-order	—	—	—
JP32CB	3 w/ft, 240 V *Job Pack* (100' cable, 2-SRP,1-SRST,1-SRTCS)	1	8	0-13627-06932-9
SR51CB	5 w/ft, 120 VAC, cut-to-order	—	—	—
JP51CB	5 w/ft, 120 V *Job Pack* (100' cable, 2-SRP,1-SRST,1-SRTCS)	1	8	0-13627-06930-5
SR52CB	5 w/ft, 240 VAC, cut-to-order	—	—	—
JP52CB	5 w/ft, 240 V *Job Pack* (100' cable, 2-SRP,1-SRST,1-SRTCS)	1	8	0-13627-06929-9
SR81CB	8 w/ft, 120 VAC, cut-to-order	—	—	—
SR82CB	8 w/ft, 240 VAC, cut-to-order	—	—	—
SR31J	3 w/ft, 120 VAC, cut-to-order	—	—	—
SR31J250	250' self dispensing reel	1	20	0-13627-06925-1
SR32J	3 w/ft, 240 VAC, cut-to-order	—	—	—
SR32J250	250' self dispensing reel	1	20	0-13627-06923-7
SR51J	5 w/ft,120 VAC, cut-to-order	—	—	—
SR51J250	SR51J on a 250' Reel, UL, CSA	1	20	0-13627-06921-3
SR51J1000	1000' self dispensing reel	1	72	0-13627-06922-0
JP51J	5 w/ft, 120 V *Job Pack* (100' cable, 2-SRP,1-SRST,1-SRTCS)	1	8	0-13627-06927-5
SR52J	5 w/ft, 240 VAC, cut-to-order	—	—	—
SR52J250	SR52J on a 250' Reel, UL, CSA	1	20	0-13627-06919-0
SR52J1000	1000' self dispensing reel	1	72	0-13627-06920-6
JP52J	5 w/ft, 240 V *Job Pack* (100' cable, 2-SRP,1-SRST,1-SRTCS)	1	8	0-13627-06928-2
SR81J	8 w/ft, 120 VAC, cut-to-order	—	—	—
SR81J250	250' self dispensing reel	1	20	0-13627-06917-6
SR82J	8 w/ft, 240 VAC, cut-to-order	—	—	—
SR82J250	250' self dispensing reel	1	20	0-13627-06815-2

c(UL)us
LISTED

SR Trace "J" Jacketed Cable

SR Trace "CB" Copper Braid Cable

Pipe Tracing

Commercial Freeze Prevention and Pipe Temperature Maintenance

SR SELF-REGULATING CABLE TRACE

SR Accessories — Specially designed kits ease installation and connection of SR Trace products.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
SRP	Heat shrink power/end connection kit, CSA	1	3	0-13627-06947-3
SRST	Heat shrink splice and "T" connection kit, UL, CSA	2	2	0-13627-06959-6
SRES	Heat shrink end seal kit, UL, CSA	5	2	0-13627-06968-8
SRTCS	Fiberglass application tape and caution signs, UL, CSA	1	2	0-13627-06970-1

SRP Power Connection Kit

SRST Splice and "T" Kit

SRES End Seal Kit

SRTCS Installation Kit

ZH Cable

Commercial pipe temperature maintenance and freeze prevention heating cable. ZH is a constant wattage, cut-to-zone-length, parallel resistance pipe heating cable, provided on bulk spools. 24" zone lengths for 120 VAC; 40" zone lengths for 240 VAC. Cable length supplied may be plus 5%. Cable is braided for grounding and overjacketed with a flame retardant and ultraviolet-resistant material. Terminations and other accessories necessary to complete systems are listed below. Longest reel length for ZH-CBR Cable is 500 feet. CSA Certified, UL recognized component.

ZH Cable Cable on Spool

ZH Cable, closeup

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
ZH4-1-CBR	4 w/ft, 120 VAC, cut-to-order, CSA	—	—	—
ZH4-2-CBR	4 w/ft, 240 VAC, cut-to-order, CSA	—	—	—
ZH8-1-CBR	8 w/ft, 120 VAC, cut-to-order, CSA	—	—	—
ZH8-2-CBR	8 w/ft, 240 VAC, cut-to-order, CSA	—	—	—

Kits

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
SJB-1B	Junction box power/end connection kit	1	1	0-13627-07007-3
SCL-1B	Cold lead power/end connection kit	1	3	0-13627-07008-0
SIC-1B	In-line splice kit	1	1	0-13627-07010-3
ZHEC	5 end seals	1	1	0-13627-07023-3

SJB-1B Junction Box Connection Kit

ZHEC End Seals

SIC-1B In-line Splice Kit

SCL-1B Power Supply Kit With 5' Cold Lead

Pipe Tracing
Pipe Temperature Maintenance

TSR™

TSR™ self-regulating cable is normally used in regular commercial and Industrial applications. Use TSR™ cables to maintain liquids in pipes at a constant temperature to prevent degradation of the liquid or to maintain flow conditions (viscosity). UL Listed, CSA Certified, and Factory Mutual Approved for ordinary locations when used with Easy Heat accessories. Factory Mutual Approved for use in Class I, Division 2 locations when used with approved termination accessories. Parallel resistance, cut-to-length cable provided on bulk spools. 120, 208, 240 and 277 volt applications. Circuit lengths up to 650' (TSR32J) and wattages up to 10 w/ft (TSR101J, TSR 102J).

TSR Cable

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
TSR31J	3 w/ft, 120 V, cut-to-order, polyolefin jacket	—	—	—
TSR32J	3 w/ft, 240 V, cut-to-order, polyolefin jacket	—	—	—
TSR51J	5 w/ft, 120 V, cut-to-order, polyolefin jacket	—	—	—
TSR52J	5 w/ft, 240 V, cut-to-order, polyolefin jacket	—	—	—
TSR81J	8 w/ft, 120 V, cut-to-order, polyolefin jacket	—	—	—
TSR82J	8 w/ft, 240 V, cut-to-order, polyolefin jacket	—	—	—
TSR101J	10 w/ft, 120 V, cut-to-order, polyolefin jacket	—	—	—
TSR102J	10 w/ft, 240 V, cut-to-order, polyolefin jacket	—	—	—
TSR31F	3 w/ft, 120 V, cut-to-order, fluoropolymer jacket	—	—	—
TSR32F	3 w/ft, 240 V, cut-to-order, fluoropolymer jacket	—	—	—
TSR51F	5 w/ft, 120 V, cut-to-order, fluoropolymer jacket	—	—	—
TSR52F	5 w/ft, 240 V, cut-to-order, fluoropolymer jacket	—	—	—
TSR81F	8 w/ft, 120 V, cut-to-order, fluoropolymer jacket	—	—	—
TSR82F	8 w/ft, 240 V, cut-to-order, fluoropolymer jacket	—	—	—
TSR101F	10 w/ft, 120 V, cut-to-order, fluoropolymer jacket	—	—	—
TSR102F	10 w/ft, 240 V, cut-to-order, fluoropolymer jacket	—	—	—

TSR Cable Kits and Accessories

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
TSRP3	Power/end connection kit: up to 3" pipe	1	2	0-13627-07050-9
TSRP12	Power/end connection kit: up to 12" pipe	1	2	0-13627-07051-6
TSRP20	Power/end connection kit: up to 20" pipe	1	2	0-13627-07052-3
TSRS3	In line splice kit: up to 3" pipe	1	2	0-13627-07053-0
TSRS12	In line splice kit: up to 12" pipe	1	2	0-13627-07054-7
TSRS20	In line splice kit: up to 20" pipe	1	2	0-13627-07055-4
TSRT3	T-splice kit: up to 3" pipe	1	2	0-13627-07056-1
TSRT12	T-splice kit: up to 12" pipe	1	2	0-13627-07057-8
TSRT20	T-splice kit: up to 20" pipe	1	2	0-13627-07058-5

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
TSRL112	End of circuit light kit: 120 V, 12" pipe and below	1	2	0-13627-07059-2
TSRL812	End of circuit light kit: 208 V, 12" pipe and below	1	2	0-13627-07060-8
TSRL212	End of circuit light kit: 240 V, 12" pipe and below	1	2	0-13627-07061-5
TSRL712	End of circuit light kit: 277 V, 12" pipe and below	1	2	0-13627-07062-2

TSRP

TSRT

TSRS

TSRL

Pipe Tracing
Commercial Pipe Temperature Maintenance

HSR™

Easy Heat's self-regulating cable used in high temperature commercial and industrial applications. Use HSR™ cables to maintain liquids in pipes at temperatures exceeding 150°F continuous exposure to prevent degradation of the liquid or to maintain flow conditions (viscosity). HSR's parallel resistance, self-regulating cut-to-length cable is provided on bulk spools. UL Listed for ordinary locations when used with Easy Heat accessories. UL Listed for use in Class 1, Division 2 locations when used with approved termination accessories. 120, 208, 240 and 277 Volt applications. Circuit Lengths up to 785'; output up to 20 w/ft. Use with TSR Accessories, page 10.

HSR Cable

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
HSR31F	3 w/ft, 120V, cut-to-order, fluoropolymer jacket	—	—	—
HSR32F	3 w/ft, 240V, cut-to-order, fluoropolymer jacket	—	—	—
HSR51F	5 w/ft, 120V, cut-to-order, fluoropolymer jacket	—	—	—
HSR52F	5 w/ft, 240V, cut-to-order, fluoropolymer jacket	—	—	—
HSR81F	8 w/ft, 120V, cut-to-order, fluoropolymer jacket	—	—	—
HSR82F	8 w/ft, 240V, cut-to-order, fluoropolymer jacket	—	—	—
HSR101F	10 w/ft, 120V, cut-to-order, fluoropolymer jacket	—	—	—
HSR102F	10 w/ft, 240V, cut-to-order, fluoropolymer jacket	—	—	—
HSR121F	12 w/ft, 120V, cut-to-order, fluoropolymer jacket	—	—	—
HSR122F	12 w/ft, 240V, cut-to-order, fluoropolymer jacket	—	—	—
HSR151F	15 w/ft, 120V, cut-to-order, fluoropolymer jacket	—	—	—
HSR152F	15 w/ft, 240V, cut-to-order, fluoropolymer jacket	—	—	—
HSR181F	18 w/ft, 120V, cut-to-order, fluoropolymer jacket	—	—	—
HSR182F	18 w/ft, 240V, cut-to-order, fluoropolymer jacket	—	—	—
HSR201F	20 w/ft, 120V, cut-to-order, fluoropolymer jacket	—	—	—
HSR202F	20 w/ft, 240V, cut-to-order, fluoropolymer jacket	—	—	—

MI Cable

MI TRACE™

Fixed, series resistance, constant wattage cable provided in pre-terminated lengths with factory sealed connections. Manufactured with Alloy 825 outer sheath. UL Listed, CSA Certified, and Factory Mutual Approved for ordinary locations. Normally used in high-temperature industrial applications. Available in customer specified lengths for 120, 208, 240, 277, 347, 480 and 600 Volt applications.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
NST-2	Fiberglass application tape, ¾" x 36 yds.	1	1.5	0-13627-09922-2
ALT-1	Aluminum heat transfer tape, 2" x 60 yds.	1	2	0-13627-06830-8
CS	Heated Pipe Caution Labels, 5 per bag	1	0.25	0-13627-09924-1

NST-2
Fiberglass
Tape

ALT-1
Aluminum
Heat Transfer
Tape

CS Caution
Sign

Roof and Gutter Deicing

Roofs with inadequate ventilation may ice up in snowy conditions. This can lead to the formation of ice dams at the roof edge, preventing melt water at the upper section of the roof from flowing down. This melt water then ponds at the ice dam and leaks under the shingles. Once inside the roof structure, this water can track along beams, wires, etc., and leak into the building, often at a significant distance from the actual ice dam.

Electric heating cables are an effective and economic method of helping to prevent ice dams from forming on roofs and in gutters. Whether the application is a factory, restaurant or home, Easy Heat has a wide range of cables and controls to exactly match your requirements, providing the heating cable solution to your roof deicing challenges. Easy Heat cable installs simply on the roof, gutters and/or downspouts, and connects to the power supply and control system.

Residential Roof and Gutter Deicing Systems

Roof and Gutter Deicing

The following table illustrates the suitability of the various types of Easy Heat roof and gutter deicing cables.

APPLICATION	PRODUCT			
	ADKS	SR	ZH	MI
Residential	●	●	●	
Commercial		●	●	●
Industrial: Ordinary			●	●
Industrial: Hazardous				●

Residential Roof and Gutter Deicing Systems

ADKS Roof Deicing Cable

ADKS Roof and Gutter Deicing Cable Systems

ADKS — CSA Certified and UL Listed to Canadian safety standards roof and gutter deicing kits. 5 watts/ft, 120 VAC. Three wire grounded plug with a 6 ft/2m power cord. Kits include appropriate number of roof clips and cable spacers.

RKF Display

PART #		DESCRIPTION	CTN QTY	CTN WGT	UPC
ADKS-100 *	See assortment kits below	20' length, 100 watts	5	8	0-13627-10969-8
ADKS-150 *		30' length, 150 watts	5	9	0-13627-10970-4
ADKS-300 *		60' length, 300 watts	5	13	0-13627-10971-1
ADKS-400 *		80' length, 400 watts	5	16	0-13627-10972-8
ADKS-500 *		100' length, 500 watts	5	17	0-13627-10973-5
ADKS-600		120' length, 600 watts	5	25	0-13627-10974-2
ADKS-800		160' length, 800 watts	2	12	0-13627-10975-9
ADKS-1000		200' length 1000 watts	2	15	0-13627-10976-6
ADKS-1200		240' length, 1200 watts	2	17	0-13627-10977-3

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
RKC-ADKS	Starter Assortment: (1) of *'d kits above	1 set	14	0-13627-07042-4
RKF-ADKS	Assortment: (2) of *'d kits; (1) RS-2	1 set	27	0-13627-07001-1

ADKS Accessories

RS-2
Roof Sentry

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
RS-2	Roof Sentry control for ADKS cables	5	10	0-13627-09862-6
CK-30	Roof Cable Clips, 30/bag	10 bags	1.5	0-13627-02999-6
SK-25	Roof Cable Spacers, 25/bag	10 bags	1	0-13627-02997-2
CSK-12	Clips (19) and Spacers (16)	10 bags	2	0-13627-10814-1

PSR™ Self-Regulating Cable

Parallel resistance, self-regulating cable provided in pre-terminated lengths with factory sealed connections. Manufactured with water-resistant TPE outer jacket. UL Listed to Canadian safety standards and CSA Certified for ordinary locations. Rated at 5 watts per foot at 50ºF. 120 VAC models have integral three-wire plug with pilot light; 240 VAC models have three-wire pigtail.

PSR Cable, 120 VAC

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
PSR1006	6' length, 30 watts, 120 VAC	5	10	0-13627-06907-7
PSR1012	12' length, 60 watts, 120 VAC	5	14	0-13627-06908-4
PSR1018	18' length, 90 watts, 120 VAC	5	14	0-13627-06913-8
PSR1024	24' length, 120 watts, 120 VAC	5	14	0-13627-06909-1
PSR1050	50' length, 250 watts, 120 VAC	5	23	0-13627-06910-7
PSR1075	75' length, 375 watts, 120 VAC	2	13	0-13627-06911-4
PSR1100	100' length, 500 watts, 120 VAC	2	16	0-13627-06912-1
PSR2006	6' length, 30 watts, 240 VAC	5	10	0-13627-06867-4
PSR2012	12' length, 60 watts, 240 VAC	5	14	0-13627-06868-1
PSR2018	18' length, 90 watts, 240 VAC	5	14	0-13627-06873-5
PSR2024	24' length, 120 watts, 240 VAC	5	14	0-13627-06869-8
PSR2050	50' length, 250 watts, 240 VAC	5	23	0-13627-06870-4
PSR2075	75' length, 375 watts, 240 VAC	2	13	0-13627-06871-1
PSR2100	100' length, 500 watts, 240 VAC	2	16	0-13627-06872-8

Roof and Gutter Deicing
Residential/Commercial Roof and Gutter Deicing Systems

SR Cable

SR Trace® 250' Reel

SR Trace® Roof and Gutter Deicing Cable — SR Trace® is a self-regulating heating cable that automatically varies its heat output with changes in surrounding temperature. Because of this, the SR Trace can be overlapped minimizing the risk of damaging temperature sensitive roof coating. The SR Trace roof and gutter deicing cable is available with a power density of 5 watts per foot dry.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
SR51J	5w/ft dry, 8w/ft wet; 120V; cut-to-order; UL, CSA	—	—	—
SR51J250	SR51J on a 250' Reel, UL, CSA	1	19	0-13627-06921-3
SR51J1000	SR51J on a 1000' Reel, UL, CSA	1	72	0-13627-06922-0
SR52J	5w/ft dry, 8w/ft wet; 240V; cut-to-order; UL, CSA	—	—	—
SR52J250	SR52J on a 250' Reel, UL, CSA	1	19	0-13627-06919-0
SR52J1000	SR52J on a 1000' Reel, UL, CSA	1	72	0-13627-06920-6

SR Accessories — Four specially designed Easy Heat kits provide the right hardware for helping to install SR Trace self-regulating heating cables. Each connection kit contains detailed instructions for connecting the cable to power supplies and/or other heating cables, providing confidence and ease in installation.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
SRP	Power/end connection kit, CSA	1	3	0-13627-06972-5
DSH	Downspout hanger kit (2)	2	3	0-13627-06974-9
SRSRG	Cable splice kit, UL, CSA	1	2	0-13627-06976-3
SRES	End seal kit (5), UL, CSA	5	2	0-13627-06968-8
ZH-C	Roof clips and spacers (25)	5	4	0-13627-06978-7

SRSRG Roof and Gutter Splice Kit

ZH-C Roof Clips / Spacers

SRP Power Connection Kit

DSH Downspout Hanger

SRES End Seal Kit

Roof and Gutter Deicing
Commercial Roof and Gutter Deicing Systems

ZH Cable

ZH Roof and Gutter Deicing Cable

ZH Cable — CSA Certified, constant wattage, cut-to-length heating cable, furnished in reel lengths. Cable length supplied may be plus 5%. Cable is braided for grounding and overjacketed with a flame retardant and ultraviolet-resistant material. Terminations and other accessories necessary to complete systems are listed below.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
ZH4-2-CBR	4 w/ft, 240 VAC, cut-to-order, CSA	—	—	—
ZH8-1-CBR	8 w/ft, 120 VAC, cut-to-order, CSA	—	—	—
ZH8-2-CBR	8 w/ft, 240 VAC, cut-to-order, CSA	—	—	—

ZH Cable Kits

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
SJB-1B	Junction box power/end connection kit	1	1	0-13627-07007-3
SCL-1B	Cold lead power/end connection kit	1	3	0-13627-07008-0
SIC-1B	In-line splice kit	1	1	0-13627-07010-3
ZHEC	5 end seals	1	1	0-13627-07023-3

SJB-1B Junction Box Connection Kit

ZHEC End Seals

SIC-1B In-line Splice Kit

SCL-1B Power Supply Kit With 5' Cold Lead

MI Cable

MI TRACE™

Fixed, series resistance, constant wattage cable provided in pre-terminated lengths with factory sealed connections. Manufactured with Alloy 825 outer sheath. UL Listed, CSA Certified, and Factory Mutual Approved for ordinary locations. Normally used in commercial and industrial applications. Available in customer specified lengths for 120, 208, 240, 277, 347, 480 and 600 Volt applications.

Automatic Controls for Roof and Gutter Deicing Systems

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
GC-1	Rain/Snow Sensor Controller	1	—	—
MSC-1	Controller (w/TS-1)	1	9	0-13627-01500-5
MSA-1	Aerial Sensor	1	2	0-13627-01501-2
MSG-1	Gutter Sensor	1	2	0-13627-01502-9
MSCA-1	System Package; Controller, TS-1, MSA-1	1	11	0-13627-01505-0
MSCG-1	System Package; Controller, TS-1, MSG-1	1	11	0-13627-01507-4
TS-1	Replacement Temperature Sensor	1	2	0-13627-01504-3

Radiant Heating

Heat Large Spaces, Economically

Electric heating cables are both effective and economical in providing radiant heating for a multitude of building types. Radiant heat generates an even warmth, offering a superior alternative to other heating technologies.

Installed beneath the surface of the building, these cables heat the concrete floor to a comfortably warm temperature. This warmth radiates to either occupants or inventory in a building, depending upon the application.

Thermal Storage Radiant Heating

The following table illustrates the suitability of the various types of Easy Heat thermal storage radiant heating cables.

APPLICATION	PRODUCT		
	SEC	XD	DH
Commercial	●	●	●

SEECO™ Heat Radiant Heating Mats

SEECO™ Mats — Easy Heat manufactures UL Listed mats for radiant floor heating applications. Mats are 15 watts per square foot, 18" or 36" wide by specified length; packaged one per carton. Mats are supplied with 20' cold leads. Contact your local representative for price and availability.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
SEC(∗)-4 1/2	4.5' long x 18" wide, 100 watts	1	3	—
SEC(∗)-05	5' long x 18" wide, 113 watts	1	3	—
SEC(∗)-06	6' long x 18" wide, 135 watts	1	3	—
SEC(∗)-07	7' long x 18" wide, 157 watts	1	4	—
SEC(∗)-08	8' long x 18" wide, 180 watts	1	4	—
SEC(∗)-09	9' long x 18" wide, 203 watts	1	4	—
SEC(∗)-10	10' long x 18" wide, 225 watts	1	5	—
SEC(∗)-15	15' long x 18" wide, 338 watts	1	5	—
SEC(∗)-18	18' long x 18" wide, 405 watts	1	6	—
SEC(∗)-20	20' long x 18" wide, 450 watts	1	6	—
SEC(∗)-27	27' long x 18" wide, 608 watts	1	8	—
SEC(∗)-30	30' long x 18" wide, 675 watts	1	9	—
SEC(∗)-04X36	4' long x 36" wide, 180 watts	1	6	—
SEC(∗)-05X36	5' long x 36" wide, 225 watts	1	7	—
SEC(∗)-10X36	10' long x 36" wide, 450 watts	1	8	—
SEC(∗)-15X36	15' long x 36" wide, 675 watts	1	10	—
SEC(∗)-20X36	20' long x 36" wide, 900 watts	1	12	—
SEC(∗)-30X36	30' long x 36" wide, 1350 watts	1	18	—

SEECO™ Mat

(∗) **Insert voltage code: (8)** for 208 VAC; **(2)**, 240 VAC; **(7)**, 277 VAC; **(3)**, 347 VAC; **(4)**, 480 VAC; **(6)**, 600 VAC

Additional Cold Lead — Cold leads longer than standard lengths are sold either factory-spliced onto mats or cut-to-order on separate reels. Factory spliced leads are available in 5 foot increments and the price includes both leads. Cut-to-order leads are sold by the foot. Use #14 AWG cold lead for mats under 14 amps. Use #10 AWG cold lead for mats up to 30 amps. Please contact your Easy Heat representative.

Radiant Heating

HEATBANK® Thermal Storage Cables and Mats

HEATBANK® Thermal Storage Cables

UL Listed electric earth thermal storage heating cables. Cables are supplied with 20' cold leads as standard. Factory stock in 240 VAC. Contact your local representative for other sizes and voltages.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
XD102	126' Long, 1000 watts	1	3.8	—
XD152	190' Long, 1500 watts	1	5.8	—
XD202	253' Long, 2000 watts	1	8	—
XD252	303' Long, 2500 watts	1	9	—
XD302	369' Long, 3000 watts	1	10	—
XD352	435' Long, 3500 watts	1	11	—
XD402	495' Long, 4000 watts	1	12	—
XD502	661" Long, 5200 watts	1	10	—

HEATBANK® Thermal Storage Mats

UL Listed electric earth thermal storage heating mats. Mats are supplied with 20' cold leads as standard. Factory stock in 240 VAC. Contact your local representative for other sizes and voltages.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
DH2-05 1/2 (∗)	5.5' long x 36" wide, 363 watts	1	2.5	—
DH2-11 (∗)	11' long x 36" wide, 726 watts	1	5	—
DH2-15 (∗)	15' long x 36" wide, 990 watts	1	7	—
DH2-18 (∗)	18' long x 36" wide, 1188 watts	1	8	—
DH2-22 (∗)	22' long x 36" wide, 1452 watts	1	9	—
DH2-27 (∗)	27' long x 36" wide, 1782 watts	1	11	—
DH2-33 (∗)	33' long x 36" wide, 2178 watts	1	13	—
DH2-36 (∗)	36' long x 36" wide, 2376 watts	1	14	—
DH2-44 (∗)	44' long x 36" wide, 2904 watts	1	17	—
DH2-48 (∗)	48' long x 36" wide, 3168 watts	1	19	—
DH2-55 (∗)	55' long x 36" wide, 3630 watts	1	22	—
DH2-64 (∗)	64' long x 36" wide, 4224 watts	1	26	—

(∗) Insert voltage code: (8) for 208 VAC; (2), 240 VAC; (7), 277 VAC; (3), 347 VAC; (4), 480 VAC; (6), 600 VAC

Radiant Heating Control

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
FC-130	High limit thermostat	1	1	0-13627-06821-6
A113-1	16.7 Amp, 120V, Single Pole Thermostat	1	1	—
A113-2	15.0 Amp, 240V, Double Pole Thermostat	1	1	—

Snow Melting
Dependable, Automatic Snow Removal

Electric heating cables are an effective and economic method of melting snow for a multitude of building types. Combined with the intelligence of snow melting controls, Sno∗Melter® Mats and MI Trace™ heating cable systems provide economical and reliable snow and ice removal.

Installed beneath the surface and appropriately controlled, these cables will heat the surface area to above freezing, thereby melting any snow or ice on the surface. Pedestrians and vehicles can then move securely on the protected surface.

Easy Heat has a wide range of cables and controls (pages 23 and 24) to match your requirements exactly.

Snow Melting

The following table illustrates the suitability of the variety of Easy Heat snow melting cables.

	PRODUCT	
APPLICATION	**Sno∗Melter® Mats**	**MI Trace™**
Residential	●	●
Commercial	●	●
Rugged		●

G-Mat — Standard size snow/ice melting mats in 18" and 36" widths. Available in 50 watts per square foot. Factory stock in 240 VAC models only. Mats are supplied with 20 foot cold leads as standard. Contact your local representative for availability of non-standard voltages.

H-Mat — Custom sized snow/ice melting mats. Available in wattages up to 72 watts per square foot and in voltages up to 480 VAC (USA), 600 VAC (Canada). H-mats are supplied with 10 foot cold leads. Contact Easy Heat for details.

All components of a Sno∗Melter® system are UL Listed and thoroughly tested.

Snow Melting
Dependable, Automatic Snow Removal

G-Mat

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
G 05X18-(∗)-50	5' long x 18" wide mat, 375 watts	1	4	—
G 06X18-(∗)-50	6' long x 18" wide mat, 450 watts	1	4	—
G 07X18-(∗)-50	7' long x 18" wide mat, 525 watts	1	5	—
G 08X18-(∗)-50	8' long x 18" wide mat, 600 watts	1	5	—
G 09X18-(∗)-50	9' long x 18" wide mat, 675 watts	1	6	—
G 10X18-(∗)-50	10' long x 18" wide mat, 750 watts	1	6	—
G 15X18-(∗)-50	15' long x 18" wide mat, 1125 watts	1	7	—
G 20X18-(∗)-50	20' long x 18" wide mat, 1500 watts	1	8	—
G 30X18-(∗)-50	30' long x 18" wide mat, 2250 watts	1	11	—
G 04X36-(∗)-50	4' long x 36" wide mat, 600 watts	1	6	—
G 05X36-(∗)-50	5' long x 36" wide mat, 750 watts	1	6	—
G 10X36-(∗)-50	10' long x 36" wide mat, 1500 watts	1	9	—
G 15X36-(∗)-50	15' long x 36" wide mat, 2250 watts	1	12	—
G 20X36-(∗)-50	20' long x 36" wide mat, 3000 watts	1	13	—
G 30X36-(∗)-50	30' long x 36" wide mat, 4500 watts	1	20	—

(∗) **Insert voltage code: (8) for 208 VAC; (2), 240 VAC; (7), 277 VAC; (3), 347 VAC; (4), 480 VAC; (6), 600 VAC**

Mats are shipped with standard 20-foot cold leads. Additional cold leads are available in increments of five feet (see below).

Step Mat

Step Mat — Standard in 2- or 3-step models. Each is available in 3' or 6' tread width with 8" risers. Mats are 50 watts per square foot and are supplied with 10' cold leads as standard. Factory stock in 208 VAC and 240 VAC models only. Custom step mats are available for non-standard power densities (up to 72 watts per square foot), voltage and size needs.

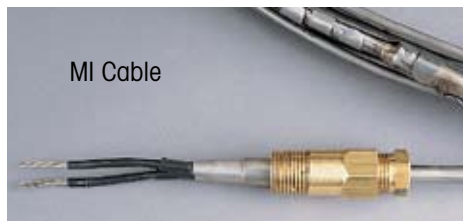| PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
2M(∗)-3-0X8	2 step, 3' x 8" tread, 200 watts	1	3	—
2M(∗)-6-0X8	2 step, 6' x 8" tread, 400 watts	1	4	—
3M(∗)-3-0X8	3 step, 3' x 8" tread, 300 watts	1	3	—
3M(∗)-6-0X8	3 step, 6' x 8" tread, 600 watts	1	4	—

(∗) **Insert voltage code: (8) for 208 VAC; (2), 240 VAC; (7), 277 VAC; (3), 347 VAC; (4), 480 VAC; (6), 600 VAC**

NMPLT Easy Heat Nameplate

Extra Length Cold Leads — Cold leads longer than standard lengths are sold either factory-spliced onto mats or cut-to-order on separate reels. Factory-spliced leads are available in 5' increments and the price includes both leads. Cut-to-order leads are sold by the foot. Use #14 AWG cold lead for mats under 14 amps. Use #10 AWG cold lead for mats up to 30 amps. *Note: Most local codes require extra cold lead lengths to be factory-spliced onto mats. Check with your local inspector.*

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
#14AWG COLD LEAD	Price/5' increment, factory spliced	—	—	—
#10AWG COLD LEAD	Price/5' increment, factory spliced	—	—	—
#14AWG COLD LEAD	Price/ft: Cut-to-order on separate reel	—	—	—
#10AWG COLD LEAD	Price/ft: Cut-to-order on separate reel	—	—	—
SKDG	Splice kit: makes 3 splices	1	1	0-13627-07041-7
NMPLT	Sno∗Melter nameplate (per NEC 426-13)	1	3	0-13627-07046-2
DT-1	Dectecto™ Electric Fault Indicator	1	1.0	0-13627-01296-7

MI Cable

MI TRACE™

Fixed, series resistance, constant wattage cable provided in pre-terminated lengths with factory sealed connections. Manufactured with Alloy 825 outer sheath. UL Listed, CSA Certified, and Factory Mutual Approved for ordinary locations. Normally used in commercial and industrial applications. Available in customer specified lengths for 120, 208, 240, 277, 347, 480 and 600 Volt applications.

Floor Warming
Tile Floors Comfortably Warmed

Electric heating cables are an effective and economic method of removing the chill from a ceramic, marble or stone type floor. Even in southern climates or during the summer, these types of floors can be uncomfortably cold. Easy Heat's Warm Tiles® solves this problem, warming these beautiful floors and making them one of the most sensuous and inviting aspects of your home.

Installed beneath the surface of this floor, Warm Tiles cables or mats will heat the floor to a comfortably warm temp-erature with a minimum use of electricity. Residential and commercial applications can be handled by Easy Heat floor warming systems.

Easy Heat has a wide range of cables, mats and controls to exactly match your requirements.

Floor Heating

The following table illustrates the suitability of the various types of Easy Heat floor heating cables.

APPLICATION	PRODUCT	
	Warm Tiles®	SEC Mats
Residential	●	
Commercial	●	●

Floor Warming
Tile Floors Comfortably Warmed

Warm Tiles® Floor Warming Cables

Easy Heat's Warm Tiles® floor-warming system may be easily installed on subfloor or slab, in thin-set material. Warm Tiles cables, which are supplied with 10 foot cold leads, are designed to supply at least 12 watts per square foot when installed per instructions. Factory-stocked in 120 and 240 VAC, custom lengths and voltages are also available. Contact your local representative for layout assistance, price and availability.
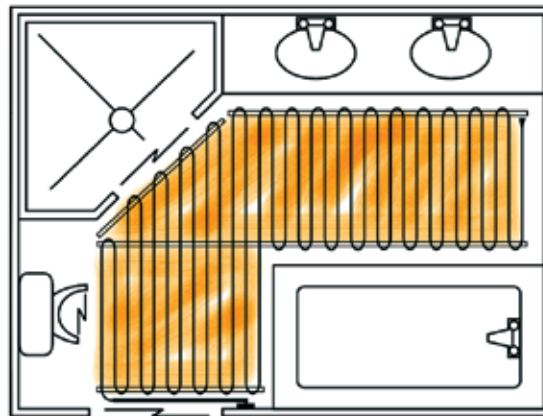
Warm Tiles® Cable Sets

PART #	PLYWOOD* SUBFLOOR	CONCRETE** SUBFLOOR	DESCRIPTION	CTN QTY	CTN WGT	UPC
DFT 1011	9–13 ft²	7–9 ft²	"Blue" cable kit, 120 VAC	2	7.5	0-13627-01611-8
DFT 1016	14–18 ft²	10–13 ft²	"Red" cable kit, 120 VAC	2	8.0	0-13627-01612-5
DFT 1022	19–26 ft²	14–19 ft²	"Green" cable kit, 120 VAC	2	9.0	0-13627-01613-2
DFT 1030	27–34 ft²	20–26 ft²	"Yellow" cable kit, 120 VAC	2	9.5	0-13627-01614-9
DFT 1039	35–42 ft²	27–33 ft²	"Purple" cable kit, 120 VAC	2	10.0	0-13627-01615-6
DFT 1048	43–54 ft²	34–39 ft²	"Orange" cable kit, 120 VAC	2	12.0	0-13627-01616-3
DFT 1059	55–65 ft²	40–48 ft²	"Brown" cable kit, 120 VAC	2	13.0	0-13627-01617-0
DFT 1069	66-72 ft²	48-54 ft²	"Beige" cable kit, 120 VAC	2	13.0	0-13627-01618-7
DFT 1079	73-82 ft²	55-62 ft²	"White" cable kit, 120 VAC	1	7.0	0-13627-01619-4
DFT 1088	83-92 ft²	63-69 ft²	"Pink" cable kit, 120 VAC	1	7.5	0-13627-01609-5
DFT 1098	93-102 ft²	70-76 ft²	"Silver" cable kit, 120 VAC	1	8.0	0-13627-01608-8
DFT 1108	103-113 ft²	77-85 ft²	"Black" cable kit, 120 VAC	1	8.5	0-13627-01607-1
DFT 2021	18–25 ft²	13–19 ft²	"A" cable kit, 240 VAC	2	8.0	0-13627-01621-7
DFT 2031	26–35 ft²	20–27 ft²	"B" cable kit, 240 VAC	2	10.0	0-13627-01622-4
DFT 2053	48–55 ft²	35–44 ft²	"C" cable kit, 240 VAC	2	12.0	0-13627-01623-1
DFT 2065	60–70 ft²	45–54 ft²	"D" cable kit, 240 VAC	2	15.4	0-13627-01624-8
DFT 2078	71–83 ft²	55–63 ft²	"E" cable kit, 240 VAC	2	16.2	0-13627-01625-5
DFT 2095	90–100 ft²	64–75 ft²	"F" cable kit, 240 VAC	2	18.7	0-13627-01626-2
DFT 2118	110–130 ft²	84–94 ft²	"G" cable kit, 240 VAC	2	21.2	0-13627-01627-9
DFT 2137	131–145 ft²	95–108 ft²	"H" cable kit, 240 VAC	2	22.0	0-13627-01628-6
DFT 2157	146–165 ft²	109–125 ft²	"I" cable kit, 240 VAC	1	12.0	0-13627-01629-3
DFT 2175	166–184 ft²	126–138 ft²	"J" cable kit, 240 VAC	1	12.7	0-13627-01630-9
DFT 2195	185–204 ft²	139–153 ft²	"K" cable kit, 240 VAC	1	13.8	0-13627-01631-6
DFT 2215	205–224 ft²	154–169 ft²	"L" cable kit, 240 VAC	1	15.1	0-13627-01632-3

*Use Standard spacing on floors that are located above heated areas.   **Use Alternating spacing on slab floors or in rooms with excessive heat loss such as solariums.
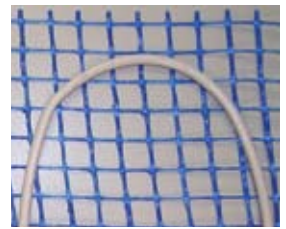
DFTCK Metal Strapping

Floor Warming
Tile Floors Comfortably Warmed

Warm Tiles® SAM Mat Systems

Warm Tiles Mats are ideally suited for concrete slab or multi-unit applications. Its Warm Tiles cable is fixed onto a mesh in pre-fabricated rectangular mats with self-adhesive, wide-spaced backing to help reduce installation time and labor. Custom mats for various shapes and areas can be made to your specifications.

Warm Tiles®
Self Adhesive Mat

PART #	DESCRIPTION	Heated Area	CTN QTY	CTN WGT	UPC
SAM 1010	20" x 6.67', 120 VAC	12 – 15 ft^2	1	3.0	0-13627-01561-6
SAM 1013	20" x 8.67', 120 VAC	16 – 19 ft^2	1	3.3	0-13627-01562-3
SAM 1017	20" x 11.33', 120 VAC	20 – 22 ft^2	1	3.6	0-13627-01563-0
SAM 1020	20" x 13.33', 120 VAC	23 – 28 ft^2	1	3.9	0-13627-01564-7
SAM 1025	20" x 16.67', 120 VAC	29 – 36 ft^2	1	4.3	0-13627-01565-4
SAM 1033	20" x 22', 120 VAC	37 – 46 ft^2	1	4.9	0-13627-01566-1
SAM 1042	20" x 28', 120 VAC	47 – 54 ft^2	1	5.3	0-13627-01567-8
SAM 1050	20" x 33.33', 120 VAC	55 – 66 ft^2	1	6.2	0-13627-01568-5
SAM 1062	20" x 41.33', 120 VAC	67 – 80 ft^2	1	7.5	0-13627-01569-2
SAM 1075	20" x 50', 120 VAC	81 – 94 ft^2	1	8.7	0-13627-01570-8
SAM 1087	20" x 58', 120 VAC	95 – 106 ft^2	1	9.7	0-13627-01571-5
SAM 1100	20" x 66.67', 120 VAC	107 – 120 ft^2	1	10.8	0-13627-01572-2

PART #	DESCRIPTION	Heated Area	CTN QTY	CTN WGT	UPC
SAM 2010	20" x 6.67', 240 VAC	12 – 15 ft^2	1	3.0	0-13627-01581-4
SAM 2013	20" x 8.67', 240 VAC	16 – 19 ft^2	1	3.3	0-13627-01582-1
SAM 2017	20" x 11.33', 240 VAC	20 – 22 ft^2	1	3.6	0-13627-01583-8
SAM 2020	20" x 13.33', 240 VAC	23 – 28 ft^2	1	3.9	0-13627-01584-5
SAM 2025	20" x 16.67', 240 VAC	29 – 36 ft^2	1	4.3	0-13627-01585-2
SAM 2033	20" x 22', 240 VAC	37 – 46 ft^2	1	4.9	0-13627-01586-9
SAM 2042	20" x 28', 240 VAC	47 – 54 ft^2	1	5.3	0-13627-01587-6
SAM 2050	20" x 33.33', 240 VAC	55 – 66 ft^2	1	6.2	0-13627-01588-3
SAM 2062	20" x 41.33', 240 VAC	67 – 80 ft^2	1	7.5	0-13627-01589-0
SAM 2075	20" x 50', 240 VAC	81 – 94 ft^2	1	8.7	0-13627-01590-6
SAM 2087	20" x 58', 240 VAC	95 – 106 ft^2	1	9.7	0-13627-01591-3
SAM 2100	20" x 66.67', 240 VAC	107 – 120 ft^2	1	10.7	0-13627-01592-0

Warm Tiles® Controllers and Accessories

Get the best results from any Warm Tiles electric floor warming system with programmable FTS thermostats. Attractive and suitable for any décor and available in 120 VAC (FTS-1) or 240 VAC (FTS-2). The sensor wire monitors actual floor temperature for accurate comfort control. Each model includes an on-off switch in addition to comfort-level settings. Includes choice of attractive doors: with display window or without. For simple to operate non-programmable control, use 120 VAC ET-1 or 240 VAC ET-2.

Warm Tiles®
FTS Thermostat

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
FTS-1	120V, 16A Programmable thermostat	5	8.0	0-13627-01292-9
FTS-2	240V, 16A Programmable thermostat	5	8.0	0-13627-01293-3
ET-1	120V, 16A NON-programmable thermostat	5	8.0	0-13627-01294-3
ET-2	240V, 16A NON-programmable thermostat	5	8.0	0-13627-01295-0
RK-1	Relay Kit, 120 VAC	1	.5	0-13627-01298-1
RK-2	Relay Kit, 240 VAC	1	.5	0-13627-01299-8
DFTRK	Warm Tiles repair kit	1	.5	0-13627-01271-4
DFTSK	Plastic strapping kit (1) 25 ft reel	1	1.3	0-13627-01277-6
DFTCK	Metal strapping kit (1) 25 ft reel	1	1.5	0-13627-01638-5
CKT	Concrete Kit Tape, 25 feet	1	.5	0-13627-01297-4
10685-001	Clips (50 per Bag)	1	.2	—
10739-001	Replacement Temperature Sensor	1	.3	—
DT-1	Detecto™ Electric Fault Indicator	1	1.0	0-13627-01296-7

Detecto™
Electric Fault Indicator

Detecto™ DT-1 — The Detecto™ Electric Fault Indicator is designed to monitor EASYHEAT® cable or mat systems at every step during installation, immediately sounding an alarm in the event of an open or shorted connection in the cable.

C3RC
Thermostat

C4XC
Thermostat

T4XC
Thermostat

T9EC
Thermostat

T9EA
Thermostat

Controls — Pipe Tracing
Assured Compatibility and Performance

Controls for Commercial Heat Trace Applications

Thermostats — Intended for temperature control of a variety of electric heating cables and applications.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
C3RC	SPDT, snap action thermostat, 22 amps, 0°-150°F, 6° diff., 10 ft capillary, NEMA 3R enclosure	1	2.7	0-13627-01327-8
C4XC	SPST, snap action thermostat, 22 amps, 40°F **fixed**, 3° diff., 5–6 ft capillary, NEMA 4X enclosure	1	2	0-13627-01328-5
T4XC	SPDT, snap action thermostat, 22 amps, 25°– 325°F, 6° diff., 10 ft capillary, NEMA 4X enclosure	1	4	—
T4XA	NEMA 4X; 22 amp; 15°–140°F ambient t-stat	1	4	0-13627-01332-2
T9EC	NEMA 4, 7, 9; 22 amp; 25°– 325°F, 10 ft capillary	1	5	0-13627-01333-9
T9EA	NEMA 4, 7, 9; 22 amp; 15°–140°F ambient t-stat	1	5	0-13627-01334-6
SL-2G	GFCI Thermostat Contnrol; 12A, 120 VAC, 34°– 95°F	1	2.2	0-13627-09931-9

The **C3RC** thermostat is suitable for indoor/outdoor locations and is used with pipe freeze protection, pipe tracing or roof/gutter deicing heating cable applications. Rainproof, gasketed enclosure. The C3RC can be used in an ambient-sensing mode (with capillary coiled, as received) or a line sensing mode (with capillary attached to pipe).

The **C4XC** thermostat is suitable for indoor/outdoor locations having hostile, non-hazardous environments. Controls freeze protection pipe tracing or roof/gutter deicing heating cable applications. The C4XC can be used in an ambient-sensing mode (with capillary coiled, as received) or a line sensing mode (with capillary attached to pipe).

The **T4XC** thermostat is intended to control temperature maintenance pipe tracing applications. The T4XC is suitable for indoor/outdoor locations having hostile, non-hazardous environments.

The **T4XA** thermostat is is suitable for indoor/outdoor locations having hostile, non-hazardous environments and controls of a variety of electric heating cables for freeze protection pipe tracing or roof/gutter deicing.

The **T9EC** thermostat is intended for temperature maintenance pipe tracing applications. The T9EC is suitable for indoor/outdoor hazardous locations having hostile environments.

The **T9EA** thermostat is intended for temperature control of electric heating cables for freeze protection pipe tracing. The T9EA is suitable for indoor/outdoor hazardous locations having hostile environments.

Designed for use within a 12 amp limit, the **SL-2G** is equipped with a 3m (10 ft) copper capillary tube and bulb sensor to accurately detect and control temperature changes. Adjustable temperature setting ranges from 1°–35°C (34°–95°F) controlling a GFCI duplex receptacle with 1440 watts (12 amps) total capacity. Equipped with 1.2m (4 ft) 3-wire cord and plug. For use with In-Line Heater, for water line freeze protection. **Not for motors or capacitive loads.**

SL-2G
Thermostat Control

Controls — MSC-1 Multi-Sensor Controls
Roof and Gutter, Snow Melting

Commercial Grade

MSC-1 — Commercial Grade Suitable for controlling snow and ice melting of sidewalks, driveways, gutters and downspouts, the MSC-1 Control Panel is capable of monitoring snow/ice accumulation in three separate snow melting application zones and issuing separate control signals for each zone. The MSC-1 is housed in a suitable enclosure for commercial/industrial applications (NEMA 4, 4X) and features an LCD display, programming and associated indicator lights for operation of each zone. The control signal relays operate external contactors.

MSC-1 Controller

TS-1 Replacement Temperature Sensor

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
GC-1	Rain/Snow Sensor Controller	1	3	0-13627-01508-1
MSC-1	Controller(w/ TS-1)	1	8.5	0-13627-01500-5
MSA-1	Aerial Sensor	1	2	0-13627-01501-2
MSG-1	Gutter Sensor	1	2	0-13627-01502-9
MSP-1	In-Ground Sensor	1	6.5	0-13627-01503-6
SA-1	Small System Automatic control, cULus	1	1.5	0-13627-09935-7
TS-1	Replacement Temperature Sensor	1	1.5	0-13627-01504-3
MSCA-1*	Controller, TS-1, MSA-1	1	11.0	0-13627-01505-0
MSCG-1*	Controller, TS-1, MSG-1	1	11.0	0-13627-01507-4
MSCP-1*	Controller, TS-1, MSP-1	1	11.0	0-13627-01506-7

* System Package for MSC.

GC-1

MSG-1 Gutter Sensor

MSA-1 Aerial Sensor

MSP-1 Pavement Sensor

Controls & Kits Available for Canada — All items are CSA certified.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
KCL1	Cold lead power connection & end seal kit	1	3	0-13627-07008-0
KIC1	In line splice kit	1	1	0-13627-07010-3
KJBZ	Junction box power connection & end seal kit	1	1	0-13627-07007-3
SMC-51	Indoor thermostat w/10ft. Capillary	1	2	—
SMC-52	Indoor thermostat T-stat w/20ft. Capillary	1	2	—
SMC-51-WP	Weather-proof thermostat	1	2	—
PPG-100	Prepunched strapping 100 ft	1	5	—

KCL1

KIC1

KJBZ

SMC-51

SMC-52

Controls — Snow Melting

System Controls for Sno*Melter®

SA-1 — The SA-1 operates when snow or freezing rain conditions exist and can regulate cable operation in sidewalks, driveways, parking garage entrances or drive-through areas in both residential and commercial settings. The SA-1's microcontroller technology also detects when the sensor surface is contaminated by environmental conditions, indicating a compromised sensor via an easy to see LED.

SA-1

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
SA-1	Small system automatic control	1	2	0-13627-09935-7

Controls — Roof and Gutter Deicing

Residential Grade

Roof Sentry® RS-2 — Residential Grade Control energy usage of electric roof deicing cable automatically with Roof Sentry® (RS-2). The RS-2 requires two conditions to be present before it energizes roof deicing cable: cold temperatures (on, 38ºF; off, 48ºF) and the presence of run-off water from the roof in contact with its sensor wire. If only one of the conditions exists, the control will not energize the cable. 10 amps at 120 VAC, one per cable.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
RS-2	Roof Sentry control for ADKS cables	5	10	0-13627-09862-6

RS-2 Roof Cable Deicing Control

Magnetic Power Contactors — Resistance rated. The PC Series Magnetic Power Contactors may be utilized to switch or interrupt high voltage and/or high current loads with low voltage control devices. All units UL Listed and complete with NEMA 1 enclosure.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
PC403 *	Magnetic Contactor — 40 amps	1	4.3	—
PC503 *	Magnetic Contactor — 50 amps	1	4.4	—
PC603 *	Magnetic Contactor — 62 amps	1	4.8	—
PC753 *	Magnetic Contactor — 75 amps	1	4.8	—
PC933 *	Magnetic Contactor — 94 amps	1	13	—
PC1123 *	Magnetic Contactor — 120 amps	1	13.2	—

(∗) **Insert voltage code: (F) for 120 VAC; (G) for 240 VAC**

PC Magnetic Power Contactor

Controls — Radiant Heating

FC-130 — High Limit Thermostat for radiant heating. 130ºF fixed, 5º differential. 25 amps at 120/240 VAC; 22 amps at 277 VAC, 10' capillary.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
FC-130	High limit thermostat, UL, CSA	1	1	0-13627-06821-6
A113-1	16.7 Amp, 120V, Single Pole Thermostat	1	1	—
A113-2	15.0 Amp, 240V, Double Pole Thermostat	1	1	—

Controls — Floor Warming

Warm Tiles®
FTS Series
Thermostat

Warm Tiles® Thermostats

Get the best results from any Warm Tiles electric floor warming system with programmable FTS thermostats. Attractive and suitable for any décor, they are available in 120 VAC (FTS-1) or 240 VAC (FTS-2). The sensor wire monitors actual floor temperature for accurate comfort control. Each model includes an on-off switch in addition to comfort-level settings. Includes choice of attractive doors: with display window or without. For simple to operate non-programmable control, use 120 VAC ET-1 or 240 VAC ET-2.

PART #	DESCRIPTION	CTN QTY	CTN WGT	UPC
FTS-1	120V, 16A Programmable thermostat	5	8.0	0-13627-01292-9
FTS-2	240V, 16A Programmable thermostat	5	8.0	0-13627-01293-3
ET-1	120V, 16A NON-programmable thermostat	5	8.0	0-13627-01294-3
ET-2	240V, 16A NON-programmable thermostat	5	8.0	0-13627-01295-0

EMERSON
Industrial Automation

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