



Price Book

January 2020

Warmup[®]

The world's best-selling floor heating brand™

Getting Started

People don't have heated floors because no one told them they could.

Help us change the way we heat our homes!





Here for you

From providing estimates to answering product questions and getting you the materials you need, the Warmup Customer Experience Team is there to help every step of the way.

Questions



Call or email us. We don't have a fancy answering service, but we have real friendly people. They'll answer your sales and technical questions or connect you with your local sales person right away!

In the USA: (888) 927-6333 / ussales@warmup.com or us@warmup.com

In Canada: (888) 592-7687 / ca@warmup.com

Online: www.warmupedia.warmup.com / www.youtube.com/user/WarmupInc

Quotes



You can submit a fax or email us with anything good enough to describe your project. From a set of blueprints to a few notes on a napkin, we've seen it all. Don't be shy, send it over.

We'll complete a detailed installation plan for you within 24 hours. Just let us know whether you want a quick price over the phone, or a detailed review of your project.

Orders



Email or fax us. We're never too busy to take your order. If it's your first time, we'll get you set-up same day and make sure your order is dispatched promptly. Please note that all orders need to be in writing.

FAX: (888) 927-4721

Policies, Simplified



Shipping is a standard \$25 + \$25 per large item (DCM-PRO membrane, WIU, WIB)

Payment is due in full prior to credit approval.

Returns are allowed within 30 days with no penalty. After 30 days, returns are subject to a 20% restocking fee.

For complete general terms please see page 4.

Warmup General Terms

PAYMENT TERMS

Orders placed prior to credit approval will be subject to full prepayment. Warmup standard payment terms are net 30 days from date of invoice. Special terms and conditions can be negotiated and discussed with your Key Account Manager. A credit application with signed business terms must be on file with Warmup. Please include a copy of your Resale Certificate.

REMIT PAYMENTS

In the USA:

Warmup, Inc
52 Federal Rd, Unit 1F
Danbury, CT, 06810

In Canada:

Warmup, Inc
C/O TH1067
PO Box 4283
Postal Station A
Toronto, ON, M5W 5W6

Shipping and handling will be invoiced with the products purchased. All standard orders carry a flat \$25 freight charge and are shipped UPS Ground. Expedited shipments are invoiced 'at cost' based on Warmup's discounted rate. Oversized SKU's carry additional costs such as WIB insulation boards and DCM-PRO membrane boxes and rolls (\$25 each).

RETURNS

Returns, in resalable condition, are allowed within 30 days of purchase for a full refund. You must request an RGA from Warmup. Returns received without RGA cannot be refunded. After 30 days of purchase, or after expiration of the RGA, Warmup will only issue credit notes on future orders and apply a 20% re-stocking fee.

ORDERS MUST BE SUBMITTED IN WRITING

Fax: (888) 927-4721

In the USA: us@warmup.com

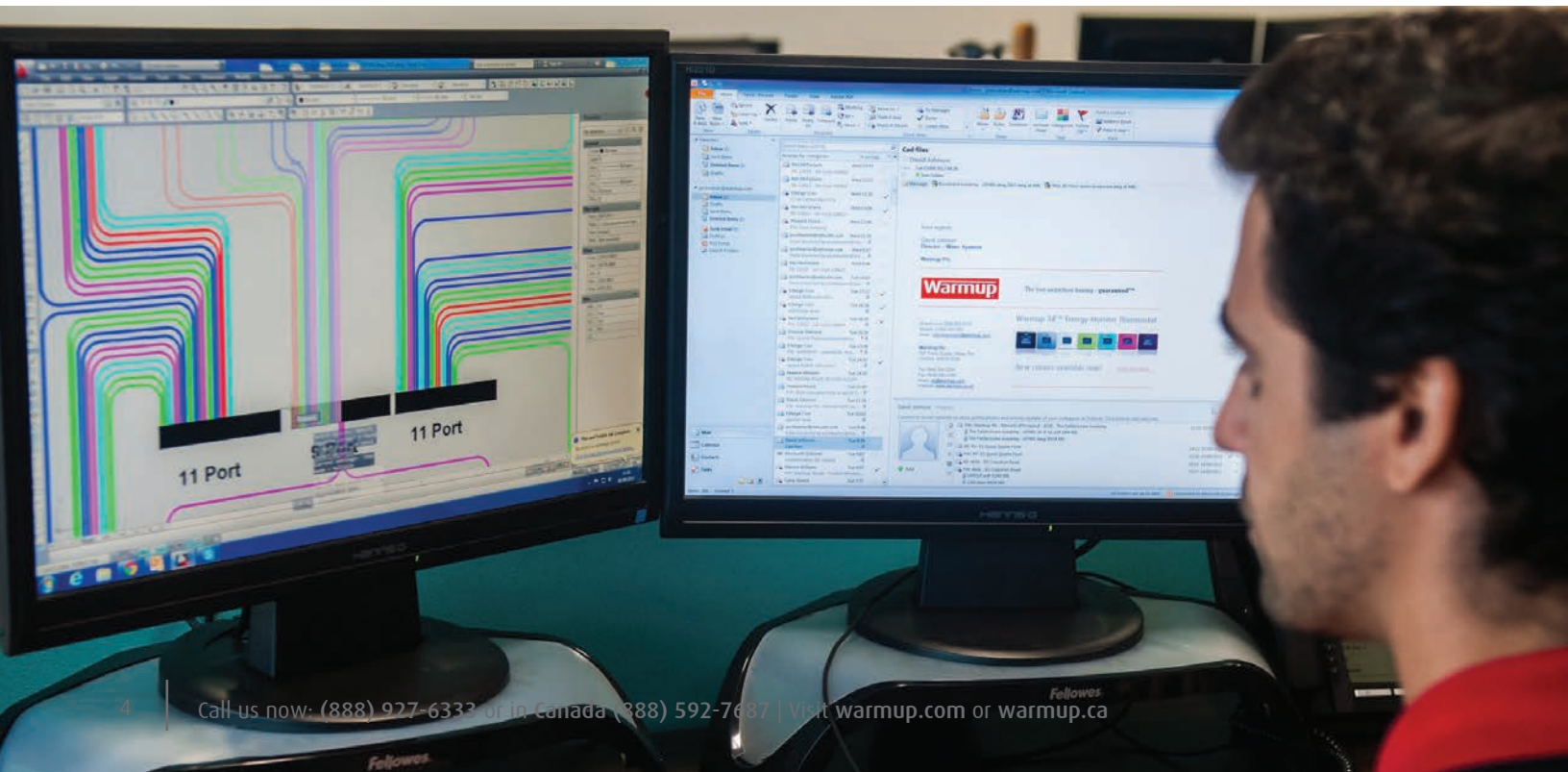
In Canada: ca@warmup.com

Orders placed before 1:00PM (EST) will be shipped same or next day, UPS. Orders placed after the deadline will be shipped promptly the following business day. All deliveries must be inspected for accuracy within 7 days of receipt. No claim can be accepted thereafter.

ONLINE POLICY

The Warmup brand is exclusive to established and approved brick & mortar resellers. The Warmup products cannot be sold online through third-party resellers such as Amazon or eBay. Warmup resellers may post product on their websites following the MAP policy. To obtain a copy and offer our products on your company website, please contact us@warmup.com.

For complete and up-to-date Warmup Inc. Terms and Conditions, visit warmup.com or warmup.ca.





Sales Support

We want to support your sales team so that you can sell with confidence. We're here with the tools and training you need to succeed.

Shop our selection of showroom displays, samples & more on warmupedia.warmup.com

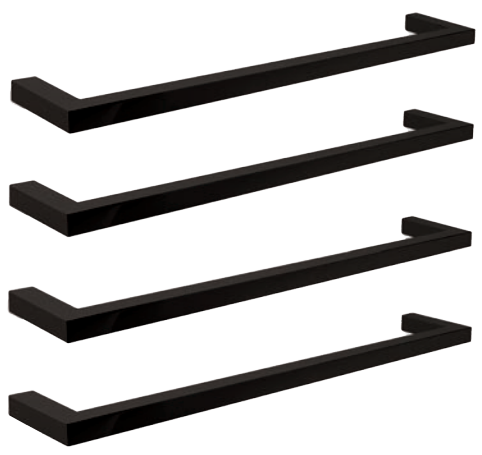


Warmup on hand is more in demand. Meet your customers needs with one of our towers designed to promote in-store stock.

Tower Display (left)
Stock Display (right)

Retail locations can now choose from our range of towel warmers to meet their showroom display needs. All towel warmer display orders will come complete with a wall mounted brochure holder and a ring of sample finishes.

See pages 40-43



The DCM-PRO Counter Top Display features a removable DCM-PRO sample and brochure holder.

M-DCMPROCTD (2 per box)




















Warranties & Guarantees

Warmup provides a **Lifetime Warranty** on all its under tile floor heating products because not only do we maintain the highest standards in manufacturing, we are the only company with an EN422-2 Testing Facility that continuously tests, Quality-Controls and improves our range of heating solutions.

Despite the harsh environments in which they operate, Warmup is able to provide a 10-year warranty on all its outdoor heating cable solutions. This promise is well-beyond industry standards and is paired with the most practical and effective promise: Warmup's SafetyNet™ Guarantee.

The SafetyNet™ Guarantee offers all installers the ability to receive a free and immediate replacement for product damaged onsite, for any reason. Because 99% of issues happen during installation and not thereafter, Warmup wants to ensure that the system installed is free and clear of any defects or damage.

For detailed Warranty and SafetyNet™ terms, visit www.warmup.com/warranty

NADCM Cable		
NADCM Membrane		
NADWS Cable		
NADWM StickyMat		
FOIL		
WODH In-Slab		
NAMSR Freeze Protection	  Intertek	
WSM & WSMM Snow Melting		
MD & TW Bathroom Collection		
Indoor Thermostats	 Intertek	
Outdoor Controls	   Intertek	
WRGH Cable De-Icing		

We carry multiple approvals on much of our range. For all our approvals, visit www.warmup.com





Technical Support

Warmup is dedicated to helping you when you need it the most.

Did you know that we offer 24/7 Customer Support and a SafetyNet™ guarantee in case the cable gets damaged during the installation? Warmup also offers tool rental to find a potential break in the cable, and repair kits to fix damage.

These are some of the many ways Warmup aims to provide an exceptional customer experience, every step of the way.

Rent tools or buy them online, along with our repair kits or a Digital Multimeter (illustrated below) , on warmupedia.warmup.com.



Digital Multimeter



Infrared thermal camera



TDR Meter



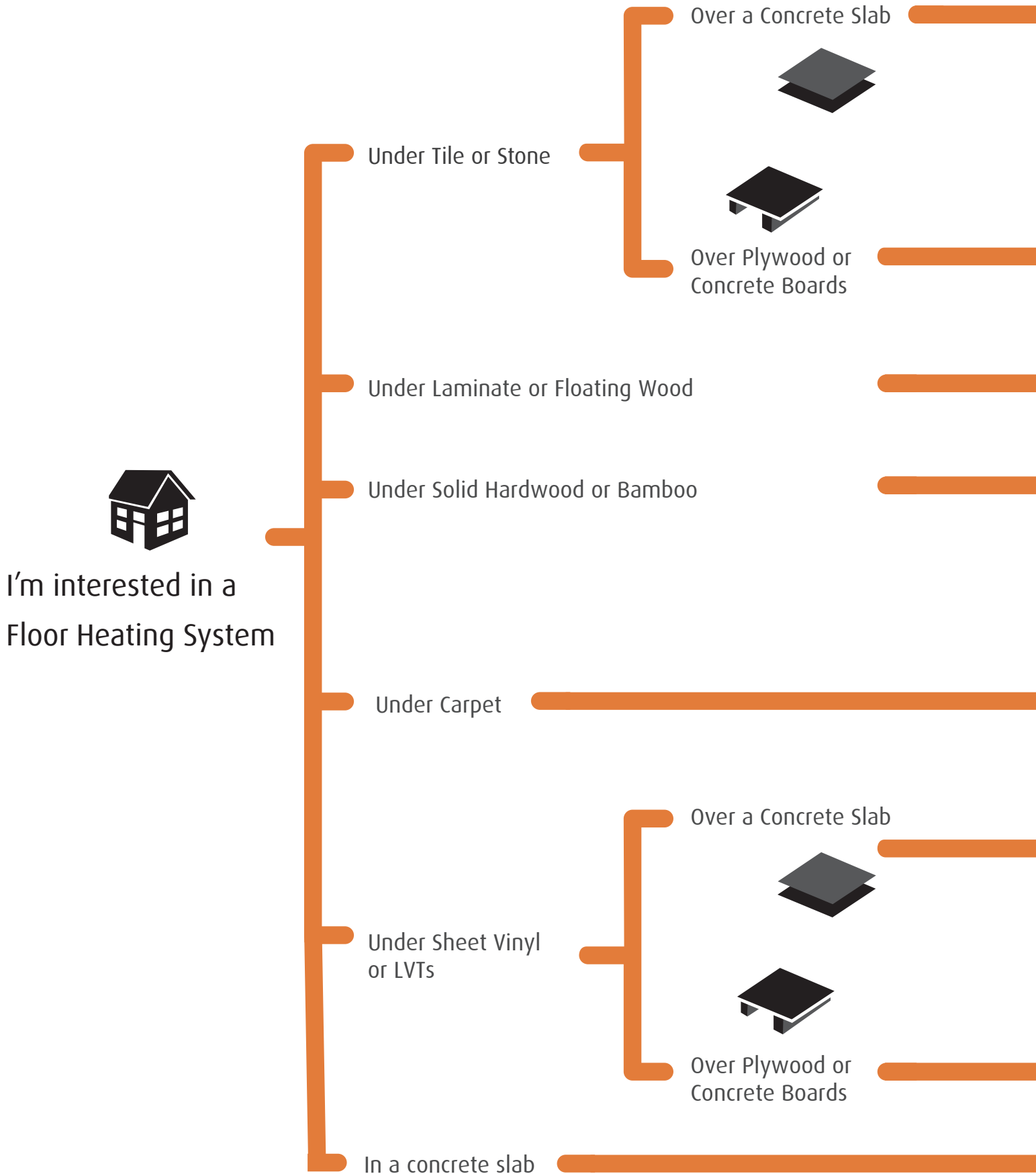
Megger (mega-ohmmeter)











Bring warmth & comfort to
your home with Warmup®
Indoor Heating Solutions



What floor heating product should I use?





	✓	Use DCM-PRO Cable and Membrane at 3 peg spacing with Warmup Insulation Boards (WIBs)	12, 34	
	}	✓	Use the StickyMat™	20
		✓	Use DCM-PRO Cable and Membrane at 3 peg spacing	12
	✓	Use FOIL over WIU insulation	26, 34	
	✓	Use DCM-PRO Cable with fixing strips at 3" spacing and the sleeper method	12	
	✓	Use FOIL between the pad and the carpet	26	
	}	✓	Use DCM-PRO Cable and Membrane at 3 peg spacing with Self-Leveler, over WIBs	12
		✓	Use the StickyMat™ mats with WIB insulation boards	20, 34
	✓	Use DCM-PRO Cable and Membrane at 3 peg spacing	12	
	✓	Use WODH cable on wire mesh at 4" spacing	32	

DCM-PRO Cable

Use under tile & stone, LVT's and glued-down wood floors

Warmup DCM-PRO Cable is a custom designed to fit the Warmup DCM-PRO Membrane (pg. 14).

The cable can be spaced at 3 or 4" for the highest flexibility in heat outputs, from Comfort Heating to Primary Heating.

It is **guaranteed for LIFE**.

Even better results when used with Warmup 4iE® Smart thermostat (p.37) and lowest consumption cost when installed with 1/4" Warmup Insulation Boards (p.35).

Thickness	3/16" (4.5mm - +/- 0.2mm)
Output	Varies with spacing from 11w/sqft to 20w/sqft
Construction	Multi-stranded, dual wire
Inner insulation	ETFE
Outer jacket	PVC
Ground braid	85% min copper
Cold lead	10ft (3m) long, 2 core braided

Quote in 5 Easy Steps:

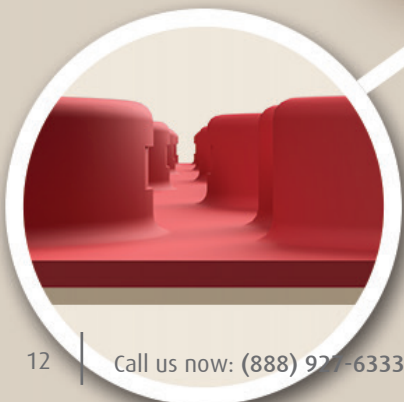
1. Cable
2. Membrane OR Fixing Strips
3. Accessories
4. Thermostat
5. Optional Insulation

The DCM-PRO system is warranted for life when comprised of a Warmup thermostat, the DCM-PRO Membrane and the DCM-PRO Cable. For full warranty details, see www.warmup.com/about/best-warranties

The **only UL-Approved** membrane system in North America

Tiled floor

Subfloor



**DCM-PRO'S
ANTI-FRACTURE
LAYER**

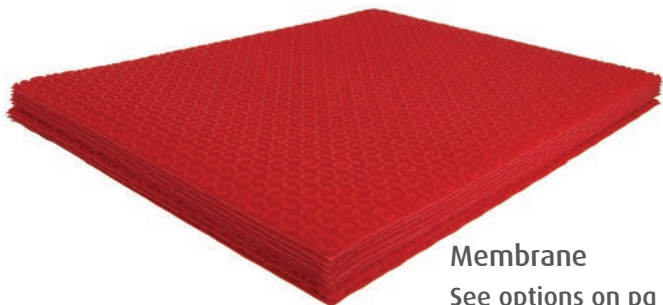


1.

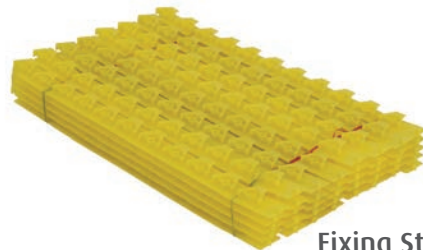
Code	Length (ft)	Resistance (Ω)	Amps	Membrane Spacing			Canada	USA
				2 pegs	3 pegs	4 pegs		
DCM-C-120-65	16.7	221.5	0.54	3	5	7	\$170.00	\$135.87
DCM-C-120-130	33.1	110.8	1.08	7	10	13	\$196.00	\$156.61
DCM-C-120-195	49.9	73.8	1.62	10	15	20	\$247.00	\$197.28
DCM-C-120-260	66.3	55.4	2.16	13	20	27	\$272.00	\$217.46
DCM-C-120-325	83.0	44.3	2.70	17	25	33	\$312.00	\$249.15
DCM-C-120-390	99.4	36.9	3.25	20	30	40	\$338.00	\$269.74
DCM-C-120-525	132.9	27.4	4.37	27	40	53	\$410.00	\$327.73
DCM-C-120-655	166.0	22.0	5.45	33	50	67	\$449.00	\$358.41
DCM-C-120-785	199.1	18.3	6.55	40	60	80	\$495.00	\$395.48
DCM-C-120-920	232.3	15.6	7.69	47	70	93	\$543.00	\$433.67
DCM-C-120-1050	265.4	13.7	8.75	53	80	107	\$587.00	\$469.33
DCM-C-120-1180	298.6	12.2	9.83	60	90	120	\$655.00	\$523.50
DCM-C-120-1315	331.7	11.0	10.90	67	100	133	\$717.00	\$573.35
DCM-C-120-1445	364.8	10.0	12.00	73	110	147	\$770.00	\$615.55
DCM-C-120-1575	398.0	9.1	13.18	80	120	160	\$782.00	\$625.47
DCM-C-240-195	49.9	296	.8	10	15	20	\$247.00	\$197.28
DCM-C-240-325	83.0	177.2	1.35	17	25	33	\$324.00	\$258.72
DCM-C-240-390	99.4	147.7	1.62	20	30	40	\$330.00	\$263.60
DCM-C-240-525	132.9	109.7	2.18	27	40	53	\$399.00	\$318.43
DCM-C-240-655	166.0	87.9	2.73	33	50	67	\$434.00	\$346.45
DCM-C-240-785	199.1	73.4	3.26	40	60	80	\$488.00	\$390.11
DCM-C-240-920	232.3	62.6	3.83	47	70	93	\$537.00	\$429.54
DCM-C-240-1050	265.4	54.9	4.37	53	80	107	\$576.00	\$460.40
DCM-C-240-1180	298.6	48.8	4.91	60	90	120	\$633.00	\$506.00
DCM-C-240-1310	331.7	44	5.45	67	100	133	\$670.00	\$535.95
DCM-C-240-1640	414.7	35.1	6.83	83	125	167	\$790.00	\$631.80
DCM-C-240-1970	497.7	29.2	8.21	100	150	200	\$990.00	\$791.55
DCM-C-240-2300	580.7	25.0	9.60	117	175	233	\$1,089.00	\$870.75
DCM-C-240-2630	663.4	21.9	10.95	133	200	266	\$1,130.00	\$903.60
DCM-C-240-2955	746.4	19.5	12.30	150	225	300	\$1,209.00	\$967.05
DCM-C-240-3240	829.4	17.8	13.48	167	250	333	\$1,330.00	\$1,063.35

*for 208V figures, see product specification sheet, which can be found on warmup.com or .ca

2. Application - Membrane OR Fixing Strips



Membrane
See options on pg 14



Fixing Strips
See accessories on pg 15

DCM-PRO Uncoupling Membrane

Fleece-backed or Peel-and-Stick

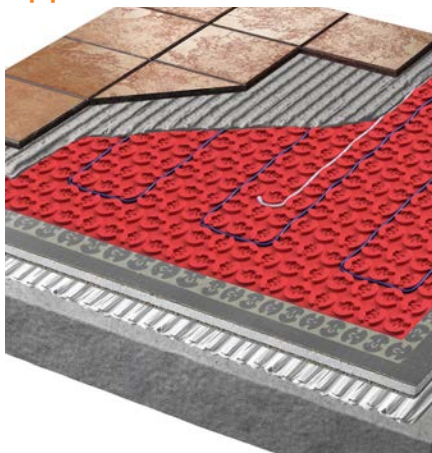
The TCNA-tested DCM-PRO anti-fracture Membrane is available in peel-and-stick or fleece-backed and can be installed on wood and cement subfloors using any tile adhesive. The patented DCM-PRO design allows

for more cable to adhesive contact, ultimately distributing heat more evenly.

There is no waiting required after installation so you can begin laying the flooring immediately.

Application

NO
THINSET
REQUIRED

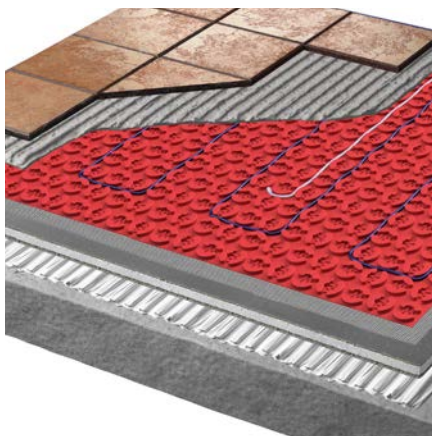


Peel-and-Stick

Installs in minutes with self-adhesive backing.

- Ideal for installation over plywood, concrete, or WIB
- Best for remodels and multi-units for fast installation
- Tile immediately
- 40% savings on labor and material
- Doesn't roll back: no memory
- Increased thinset-to-cable contact for more efficient heating

Code	Description	Dimensions of each sheet/roll	Canada	USA
DCM-PS-80	Box of 10 Peel-and-Stick sheets, covering 81.6sqft in total.	3'3" x 2'7"	\$287.00	\$229.00
DCM-PS-150	Roll of Peel-and-Stick membrane, covering 150 sqft in total.	3'3" x 47'2"	\$462.00	\$369.00



Fleece-Backed

Use with any tile adhesive above and below

- Ideal for installation over rough and uneven subfloors (OSB)
- Tile in 1 hour
- Apply and cover with modified adhesives
- Compatible with Self-Levelers
- Increased thinset-to-cable contact for more efficient heating

Code	Description	Dimensions of each sheet/roll	Canada	USA
DCM-M-80	Box of 10 Fleece-backed sheets, covering 81.6sqft in total.	3'3" x 2'7"	\$262.00	\$209.00
DCM-M-150	Roll of Fleece-backed membrane, covering 150 sqft in total.	3'3" x 47'2"	\$437.00	\$349.00

3.

Code	Accessories	Canada	USA
ACC-DGMTR	The Alligator Tester - Digital Multimeter.	\$25.00	\$20.00
DCM-SP-10K	Additional Floor Sensor for the 4iE®.	\$26.00	\$21.00
RL-240V25A	General purpose 25A/240V relay used to expand the switching capability of the Warmup thermostats. Mounts in single gang box.	\$104.00	\$82.50
DCM-PLG-12	Plastic fixing strips - Strips are 12" long with spacing available on 1" increments. Approximately 3/16" thick. Box of 40.	\$57.00	\$45.50
ACC-PLTL	Heavy Duty Plastic Trowel 11" x 5.5" with 1/4" U-notch design.	\$15.00	\$14.97
ACC-MEGG	Warmup's Digital Mega-Ohmmeter is used to track Insulation Resistance for installation Accuracy and Warranty Purposes.	\$223.40	\$197.80
DCM-WP-KIT	Waterproofing kit for DCM-PRO. Includes 35ft roll of tape and corners (6 in/2 out).	\$198.00	\$159.00

4.

Code	Thermostat	Canada	USA	See More
4iE-V04-WH	Warmup's most popular thermostat, the white WiFi 4iE®	\$309.00	\$289.00	Page 37

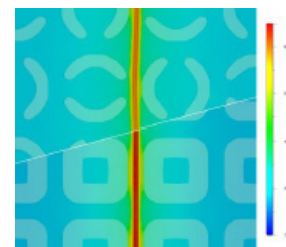
5.

Code	Optional Insulation	Canada	USA	See More
WIB-4X2-1/4*	Dimensions: 2'x4'x1/4". USA box of 6 boards 48sqft. Canada box of 8 boards 64sqft.	\$229.00	\$231.00	Page 35

The Warmup Advantage

Warmup's Membrane design provides better contact with the thinset or leveler. This allows for the heat to spread faster and more evenly through the floor. Other membrane restrict cable-to-thinset contact and cause overheating which reduces the cable lifespan. Additional features include:

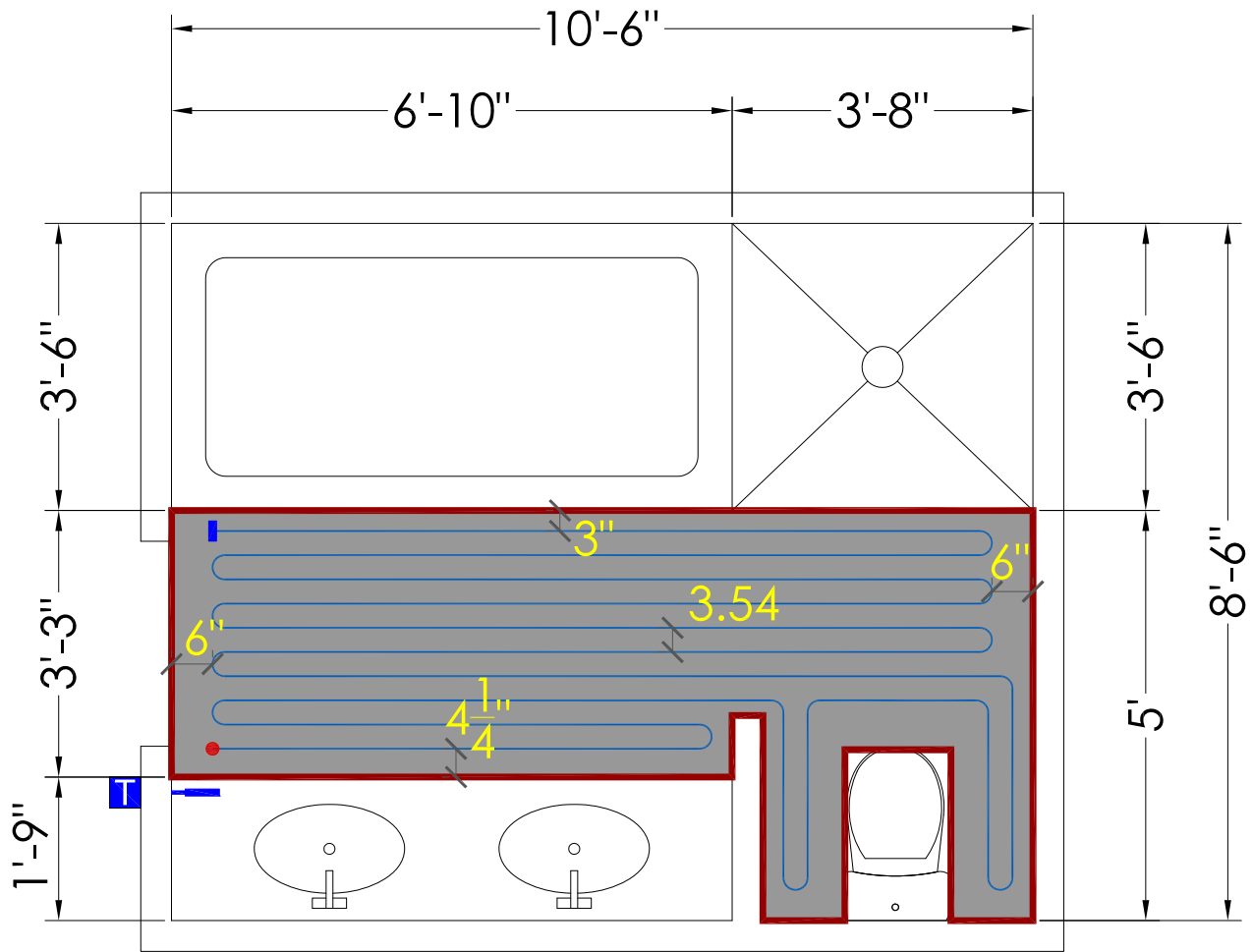
- Speed and flexibility of installation at 2-3-4 peg spacing
- Primary Heating outputs
- Rated Heavy Commercial (ASTM C627)
- Anti-fracture protection (ANSI 118.12)
- Even floor temperature with better cable-to-thinset contact
- Suitable for every floor covering and ready to tile
- Waterproofing capability with NADCM-WP-KIT



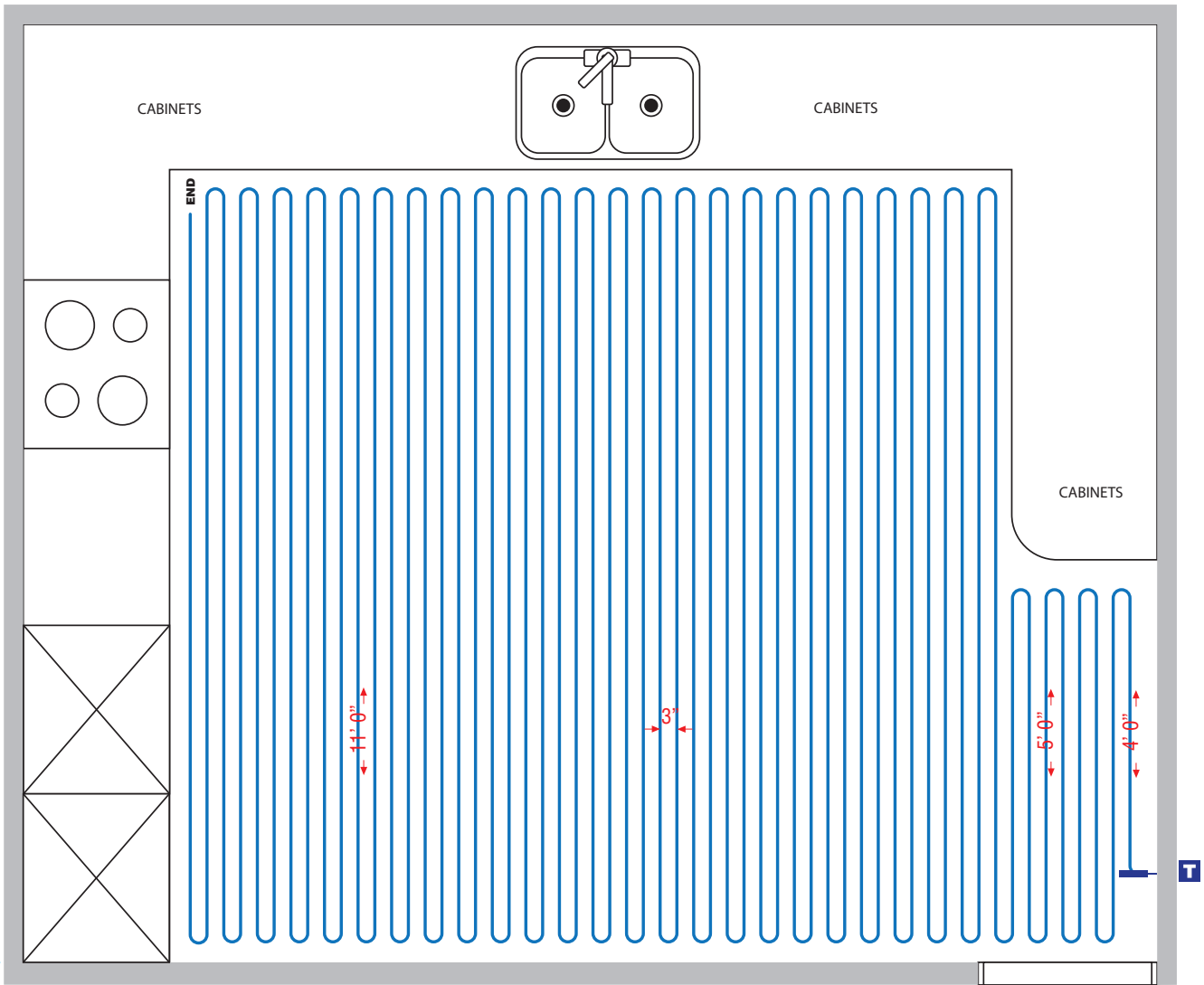
Temperature distribution of DCM-PRO (Top) vs. generic product (Bottom), through both the heated layer (Left) and the floor surface (Right)

The ONLY UL-APPROVED membrane heating system

DCM-PRO Project Examples

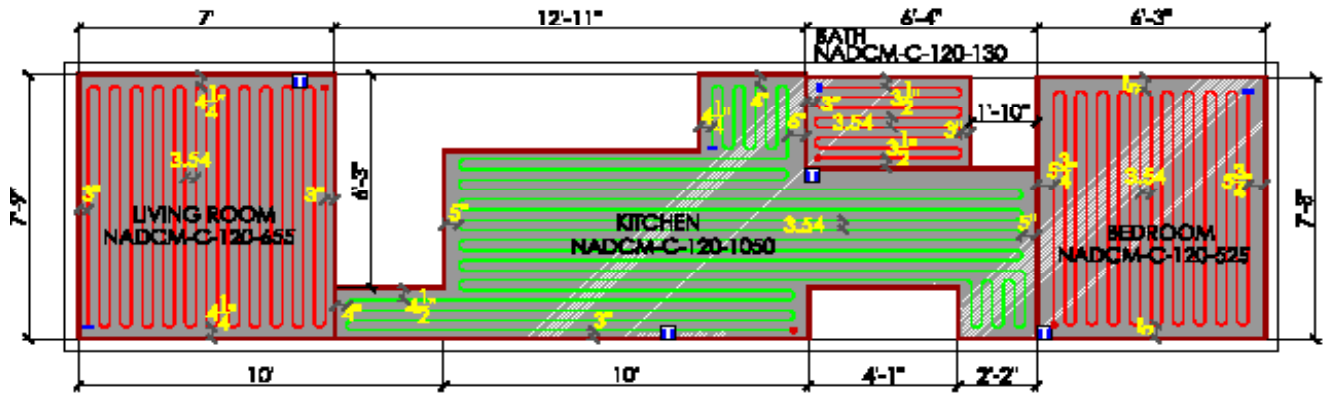


Size 89 sq. ft.		Price \$767.74		Type DCM-PRO	
Total Room Area	89 sq. ft.			Specifications	
Surface to be Heated	35 sq. ft.			Voltage	120
Heating System	DCM-C-120-390	\$269.74		Amps	3.30
Membrane	DCM-M-80	\$209.00		Monthly Cost to Run	\$5.69
Thermostat	4iE-03 Thermostat	\$223.00		Total BTU Equivalent	1,330
		Subtotal	\$767.74		



Size 237 sq. ft.		Price \$1,383.55		Type DCM-PRO	
Total Room Area	237 sq. ft.			Specifications	
Surface to be Heated	150 sq. ft.			Voltage	240
Heating System	DCM-C-240-1970	\$791.55		Amps	8.21
Membrane	DCM-PS-150	\$369.00		Monthly Cost to Run	\$18.76
Thermostat	4iE-03 Thermostat	\$223.00		Total BTU Equivalent	6,723.00
		Subtotal	\$1,383.55		

Case Study: The Most High-Tech Tiny Home in America



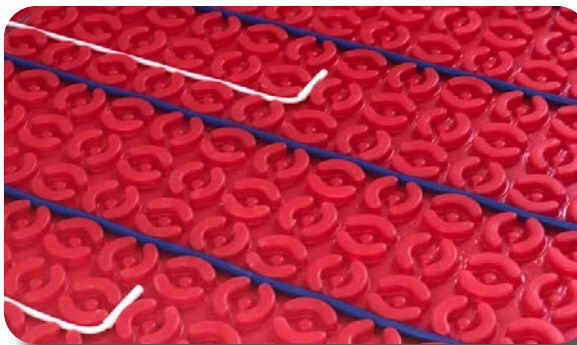
Size		Price		Type	
250 sf		\$3,400.08		DCM-PRO	
Total House Size	250 sf			Specifications	
Surface to be Heated	180 sf			Voltage	120
Heating Systems	LIVING ROOM HEATING CABLE	\$358.41		Amps	19.65
	KITCHEN HEATING CABLE	\$469.33		Monthly Cost to Run	\$0 with solar
	BATHROOM HEATING CABLE	\$156.61		Total BTU Equivalent	8,048
	BEDROOM HEATING CABLE	\$327.73			
Membrane	2X DCM-PS-150	\$738.00			
Thermostats	3X 4iE-04 THERMOSTAT	\$867.00			
Towel Warmer		\$483.00			
	Subtotal	\$3,400.08			

Nevada natives Mario and Ciarra wouldn't trade their tiny house lifestyle for anything. The couple is currently living in their second tiny house on wheels.

The Challenge

Tiny house living is not for everyone. Challenges that arise can be common for someone unprepared for the experience. On the contrary, others are well equipped to take on downsizing and even off-grid living.

When Warmup was approached by Mario and Ciarra they were beginning their second tiny house build. Warmup was excited to connect with the couple and eager to learn about the challenges of constructing a tiny home on wheels and how our products could, or could not, fit into such a "small" project.



The Result

After months of constructing themselves, Mario and Ciarra are finishing up and getting ready to hit the open road. Their home features the DCM-PRO underflooring heating system throughout connected to 4iE Smart WiFi thermostats, a TW082 towel warmer, full-size bathtub, complete solar set-up, and much more. While living tiny is not for everyone, Mario and Ciarra wouldn't trade it for anything because for them, having fewer belongings means seeing more of the world, even the coldest places!

[READ MORE CASE STUDIES ONLINE](#)

Have a cool project that you think would make a great case study? Contact us to see if you qualify for our case study rebate program!



The Solution

After considering all types of systems and brands of underfloor heating, Warmup's DCM-PRO system was decided upon and installed throughout. The DCM-PRO system paired perfectly with this project because of its ability to function as a primary heat source while also offering uncoupling, anti-fracture benefits.

In addition to the underfloor heating system, Mario and Ciarra also opted to add a towel warmer to their home. The luxurious benefits of a nice warm towel were surprisingly just that – benefits. With only a small washer and dryer combo in their home, Mario and Ciarra were very attracted to the fact that the towel warmer could cut down on dirty laundry. The TW082 installed delivers heat that will keep towels fresh and cut down on the need to launder them so frequently.



StickyMat™

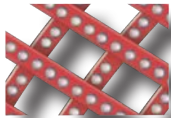
Use under tile, stone & LVT

The Warmup StickyMat is designed for use within an adhesive layer under tiles or within a levelling compound under other floor finishes.

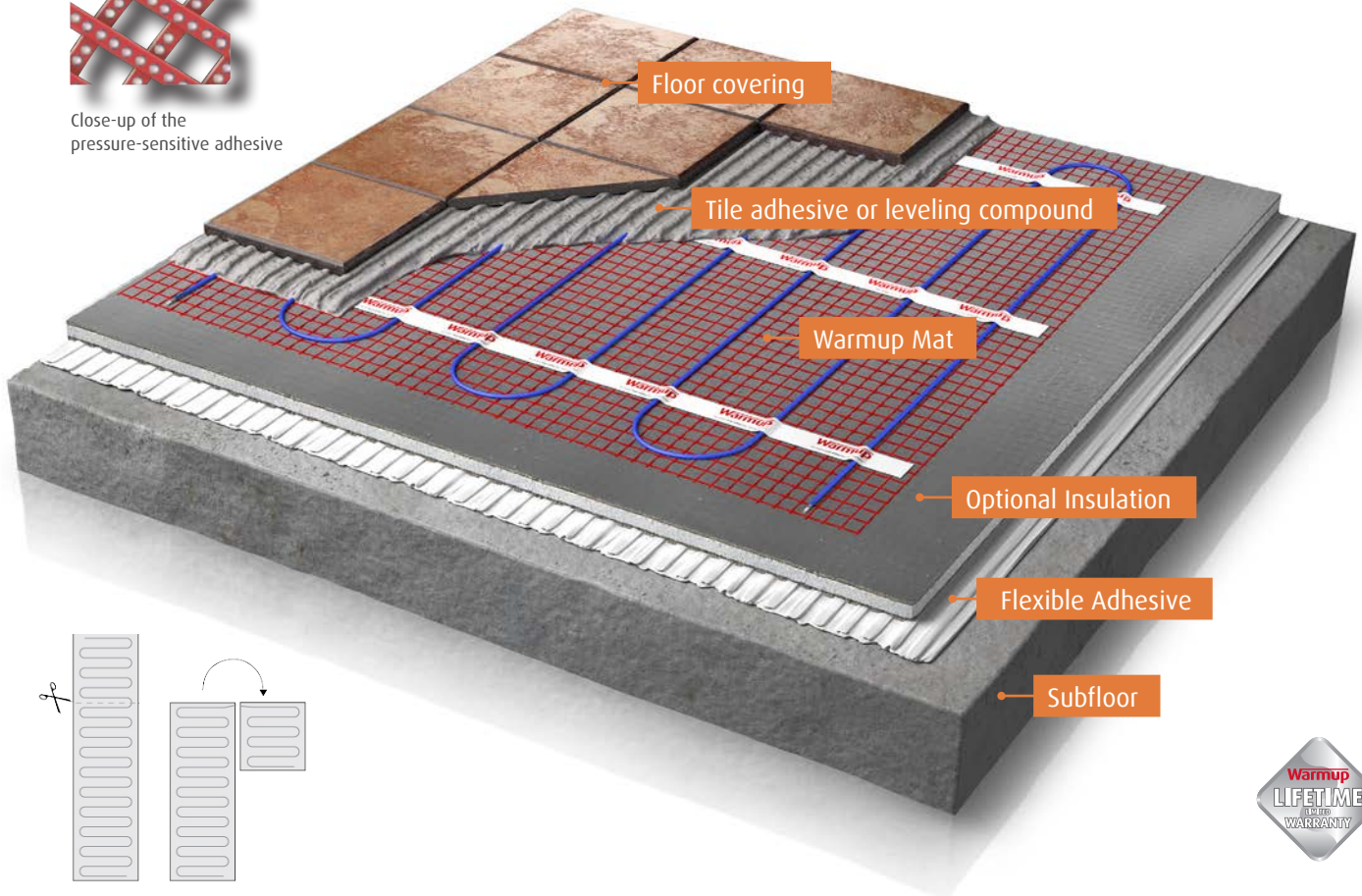
The fixed spacing and self-adhesive mat makes installation of regularly shaped rooms quick and easy, whilst ensuring precision is maintained.

Quote in 3 Easy Steps:

1. Heating Mat
2. Accessories
3. Thermostat
4. Optional Insulation



Close-up of the pressure-sensitive adhesive





1.

Area (sqft)	Code	Mat Length (ft) (20" wide)	Wattage	Amps	Resistance (Ω)	Canada	USA
10	DWM-120-140	6'	140	1.16	102.8	\$266.75	\$217.50
15	DWM-120-210	9'	210	1.75	68.5	\$337.70	\$275.00
20	DWM-120-280	12'	280	2.33	51.4	\$379.50	\$309.00
25	DWM-120-350	15'	350	2.91	41.2	\$422.40	\$344.00
30	DWM-120-420	18'	420	3.49	34.3	\$465.30	\$379.00
40	DWM-120-560	24'	560	4.66	25.7	\$578.05	\$471.00
50	DWM-120-700	30'	700	5.82	20.6	\$691.90	\$563.50
60	DWM-120-840	37'	840	7.01	17.1	\$804.65	\$655.00
75	DWM-120-1050	46'	1050	8.75	13.7	\$974.05	\$793.50
90	DWM-120-1260	55'	1260	10.52	11.4	\$1,129.70	\$920.00
110	DWM-120-1540	67'	1540	12.76	9.4	\$1,314.50	\$1,070.50
120	DWM-120-1620	73'	1620	13.48	8.9	\$1,412.95	\$1,151.00
25	DWM-240-350	15'	350	1.45	164.6	\$422.40	\$344.00
40	DWM-240-560	24'	560	2.33	102.9	\$578.05	\$471.00
50	DWM-240-700	30'	700	2.91	82.3	\$691.90	\$563.50
75	DWM-240-1050	46'	1050	4.37	54.9	\$974.05	\$805.00
90	DWM-240-1260	55'	1260	5.25	45.7	\$1,129.70	\$920.00
110	DWM-240-1540	67'	1540	6.41	37.4	\$1,342.00	\$1,070.50
150	DWM-240-2100	91'	2100	8.75	27.4	\$1,696.20	\$1,381.50
180	DWM-240-2520	110'	2520	10.48	22.9	\$1,979.45	\$1,612.00
220	DWM-240-3080	134'	3080	12.83	18.7	\$2,263.25	\$1,842.50
240	DWM-240-3240	146'	3240	13.48	17.8	\$2,404.60	\$1,958.00

*for 208V figures, see product specification sheet, which can be found on warmup.com

Area (sqft)	Code	Mat Size (ft)	Wattage	Amps	Resistance (Ω)	Canada	USA
9	DWM-09-120	3 x 3	126	1.05	114.3	\$249.00	\$198.50
15	DWM-15-120	3 x 5	210	1.75	68.5	\$325.05	\$264.50
18	DWM-18-120	3 x 6	252	2.10	57.1	\$366.85	\$298.50
24	DWM-24-120	3 x 8	336	2.80	42.9	\$415.00	\$331.50
30	DWM-30-120	3 x 10	420	3.50	34.3	\$447.70	\$364.50

2.

Code	Accessories	Canada	USA
ACC-DGMTR	The Alligator Tester - Digital Multimeter.	\$25.00	\$20.00
DCM-SP-10K	Additional Floor Sensor for the 4iE®.	\$26.00	\$21.00
RL-240V25A	General purpose 25A/240V relay used to expand the switching capability of the Warmup thermostats. Mounts in single gang box.	\$104.00	\$82.50

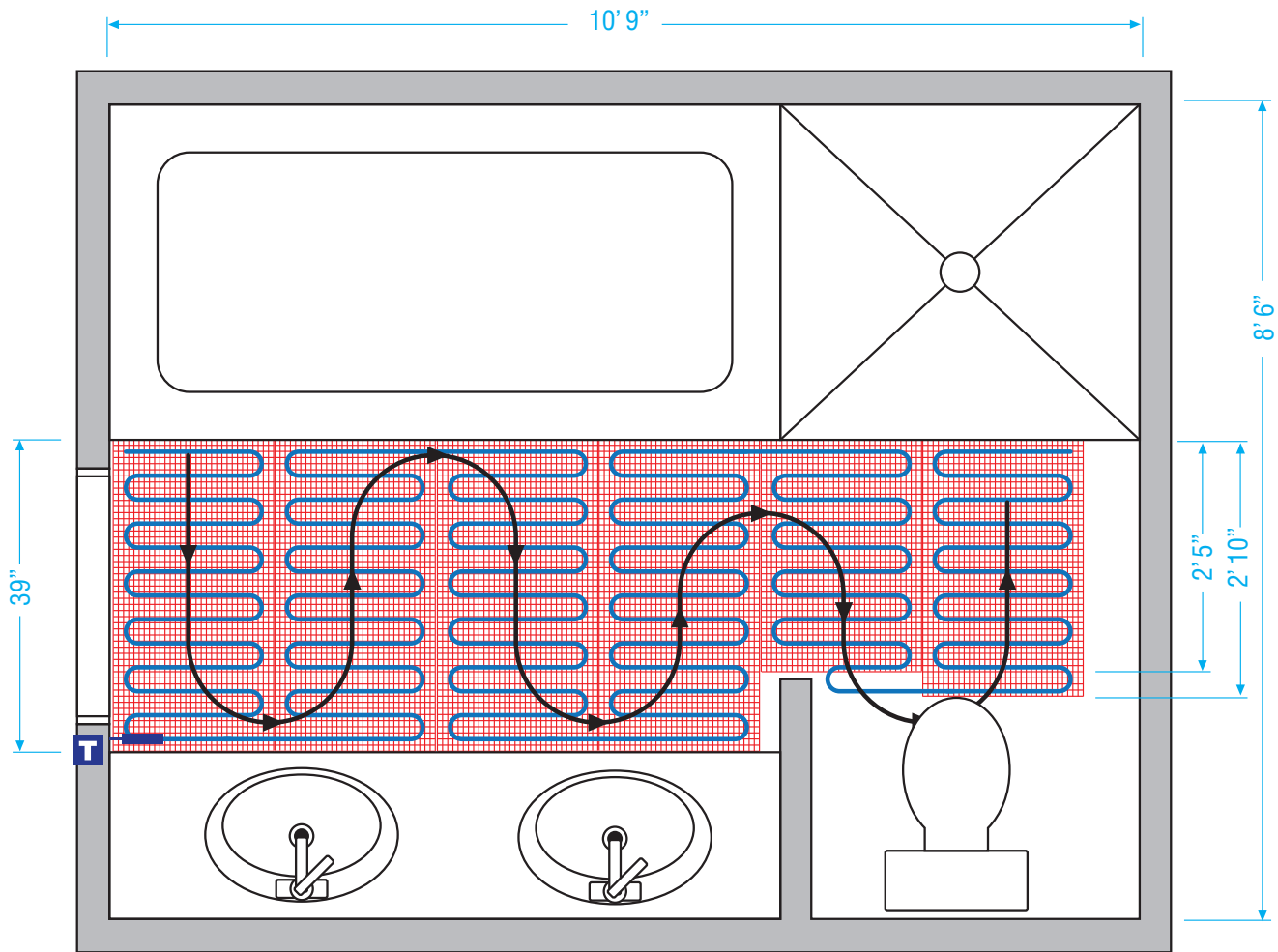
3.

Code	Thermostat	Canada	USA	See More
4iE-V04-WH	Warmup's most popular thermostat, the white WiFi 4iE®	\$309.00	\$289.00	Page 37

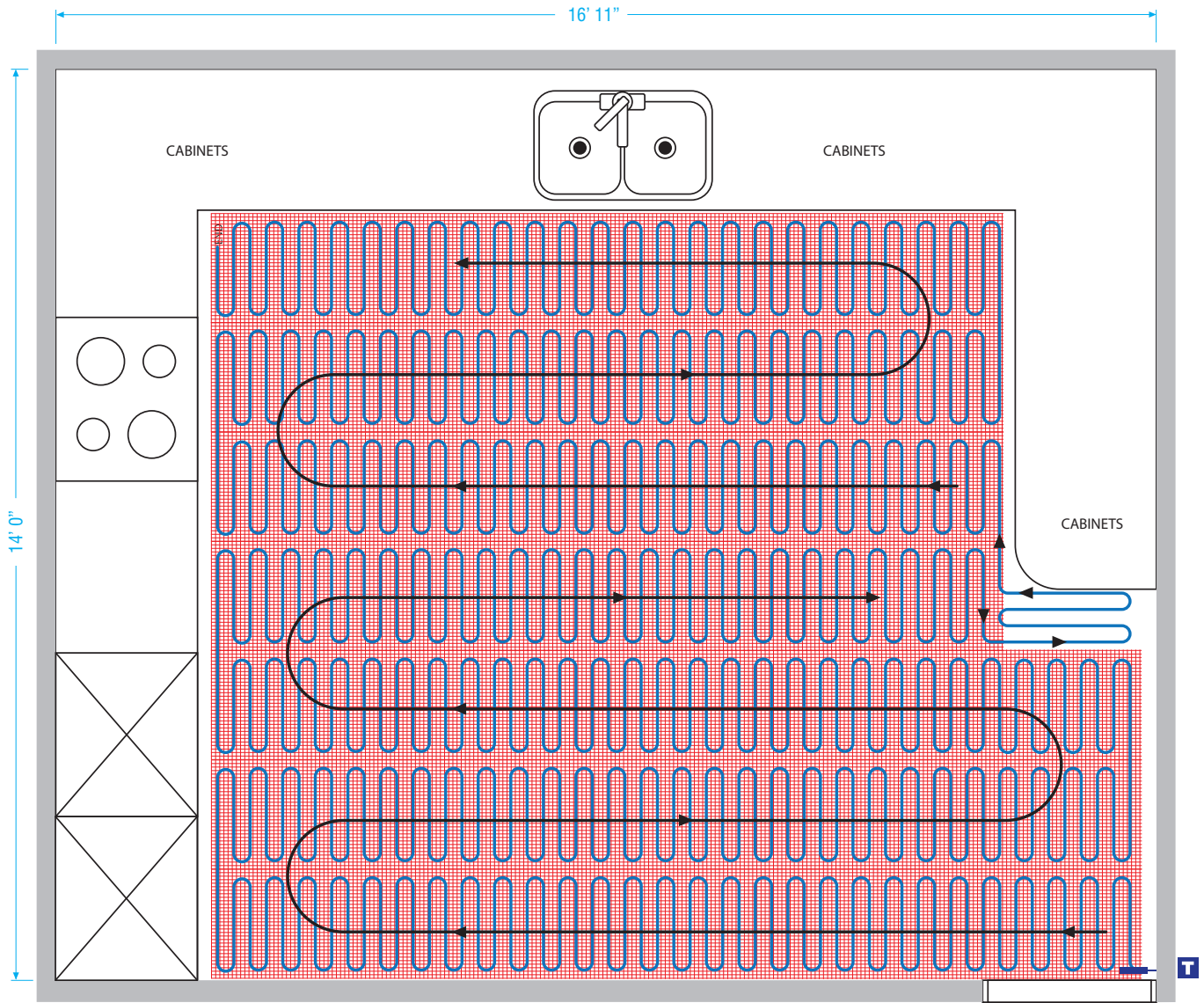
4.

Code	Optional Insulation	Canada	USA	See More
WIB-4X2-1/4*	Dimensions: 2'x4'x1/4". USA box of 6 boards 48sqft. Canada box of 8 boards 64sqft.	\$229.00	\$231.00	Page 35

StickyMat™ Project Examples

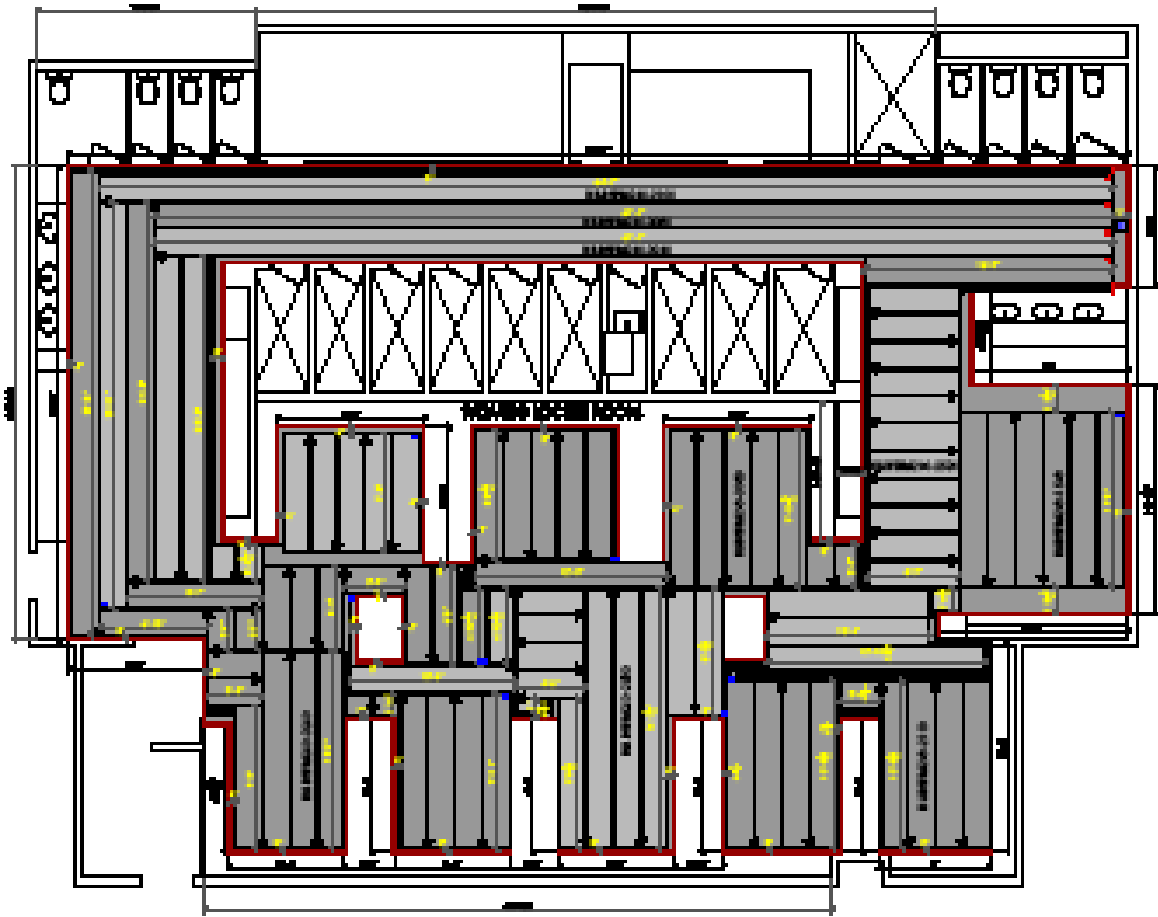


Size		Price		Type	
89 sq. ft.		\$602.00		StickyMat™	
Total Room Area	89 SQ FT			Specifications	
Surface to be Heated	35 SQ FT			Voltage	120
Heating System	DWM-120-420 FLOOR HEATING MAT	\$379.00		Amps	3.5
Thermostat	4iE THERMOSTAT	\$223.00		Monthly Cost to Run	\$6.13
		Subtotal	\$602.00	Total BTU Equivalent	1,433



<p>Size 237 sq. ft.</p>		<p>Price \$1,604.50</p>		<p>Type StickyMat™</p>	
Total Room Area	237 SQ FT		Specifications		
Surface to be Heated	160 SQ FT		Voltage	240	
Heating System	DWM 240-2100 FLOOR HEATING MAT	\$1,381.50	Amps	8.8	
Thermostat	4IE THERMOSTAT	\$223.00	Monthly Cost to Run	\$21.21	
		Subtotal	\$1,604.50	Total BTU Equivalent	7,165

Case Study: Chelsea Pier's Fitness Center



The Challenge

Fitness centers compete to attract new members and retain existing ones. One of the variables that decision-makers try to improve is the center's amenities. Locker rooms, for instance, have become increasingly important in health centers, especially in centers with aquatic programs where humidity control is necessary, to prevent mold growth. Building high-end comfortable locker rooms with features and amenities that allow customers to socialize with other members, relax and linger, aim to support physical, mental and creative fitness. It is also an essential part of any Health Center's brand image. Customers will probably use the locker room once or twice per workout session and the locker room will give them an impression of the facility. Locker rooms need to look great at all times, even if this requires high-maintenance.



The Result

Customers will be able to enjoy a warm environment while getting changed in the locker room. Is there anything nicer than getting changed on a warm tile floor, especially during the cold Winter months? Furthermore, the Warmup Electric Floor Heating Solution doesn't require any maintenance and is 100% hygienic. The Yoga Studio floor was revamped as well, using the Electric Mat heating System, aiming at making the Yogi even more comfortable to work out.



The Solution

Turn your fitness center into a spa! The Warmup® Projects Division worked with the Chelsea Piers design team to find products in our line that would help to accomplish their design goals, in the Yoga Studio as well as in the men and women's locker rooms. Thanks to Warmup's unique engineering, the installer was able to run all leads from the locker room to one location, where relays were used in conjunction with Warmup's 4iE® Smart WiFi Thermostat. This set-up allowed the entire locker room to be controlled with one thermostat unit.



[READ MORE CASE STUDIES ONLINE](#)

FOIL System

For use under Carpet, Laminate and Floating Engineered Wood Floors

The Warmup FOIL system is an electric mat for floating floors that **requires no mortar**. The system can be customized for installation in regularly shaped spaces. The FOIL product is designed to be installed between underlay and the finished flooring.

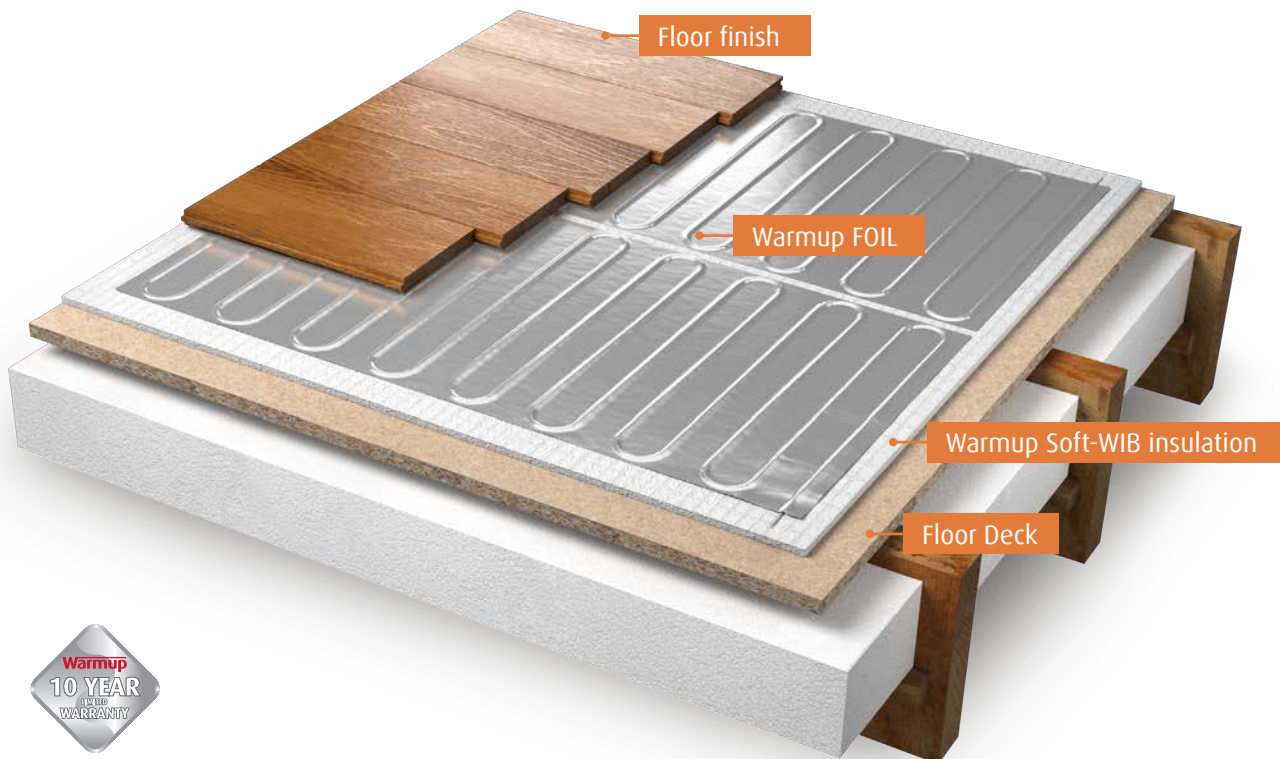
All tested carpet pads are sufficient underlay. For laminate and wood installations, Warmup recommends the use of WIU insulation (p. 35) to provide better heat outputs and faster heat-up times.



Call Warmup for compatibility with LVT/LVP floors

Quote in 4 Easy Steps:

1. FOIL Heater
2. Accessories
3. Thermostat
4. Optional Insulation Underlay



1.

Area (sqft)	Code	Mat length (20" wide)	Wattage	Amps	Resistance (Ω)	Canada	USA
20	FOIL-20-240	12'	240	1.0	240	\$297.00	\$237.00
25	FOIL-25-240	15'	300	1.25	192	\$319.00	\$297.00
40	FOIL-40-240	24'	480	2.0	120	\$449.00	\$444.50
50	FOIL-50-240	30'	600	2.5	96	\$569.00	\$555.50
60	FOIL-60-240	36'	720	3.0	80	\$689.00	\$666.00
70	FOIL-70-240	42'	840	3.47	69	\$799.00	\$777.00
95	FOIL-95-240	57'	1140	4.70	51	\$1,069.00	\$1,056.50
115	FOIL-115-240	69'	1380	5.71	42	\$1,199.00	\$1,180.50
130	FOIL-130-240	78'	1560	6.48	37	\$1,389.00	\$1,334.50
140	FOIL-140-240	84'	1680	7.05	34	\$1,499.00	\$1,437.50

2.

Code	Accessories	Canada	USA
ACC-DGMTR	The Alligator Tester - Digital Multimeter.	\$25.00	\$20.00
RL-240V25A	General purpose 25A/240V relay used to expand the switching capability of the Warmup thermostats. Mounts in single gang box.	\$104.00	\$82.50
DCM-SP-10K	Additional Floor Sensor for the 4iE®.	\$26.00	\$21.00
TAPE-AL	Aluminum Foil Tape for grounding. Sold in 90ft roll.	\$27.00	\$21.00

3.

Code	Thermostat	Canada	USA	See More
4iE-V04-WH	Warmup's most popular thermostat, the white WiFi 4iE®	\$309.00	\$289.00	Page 37

4.

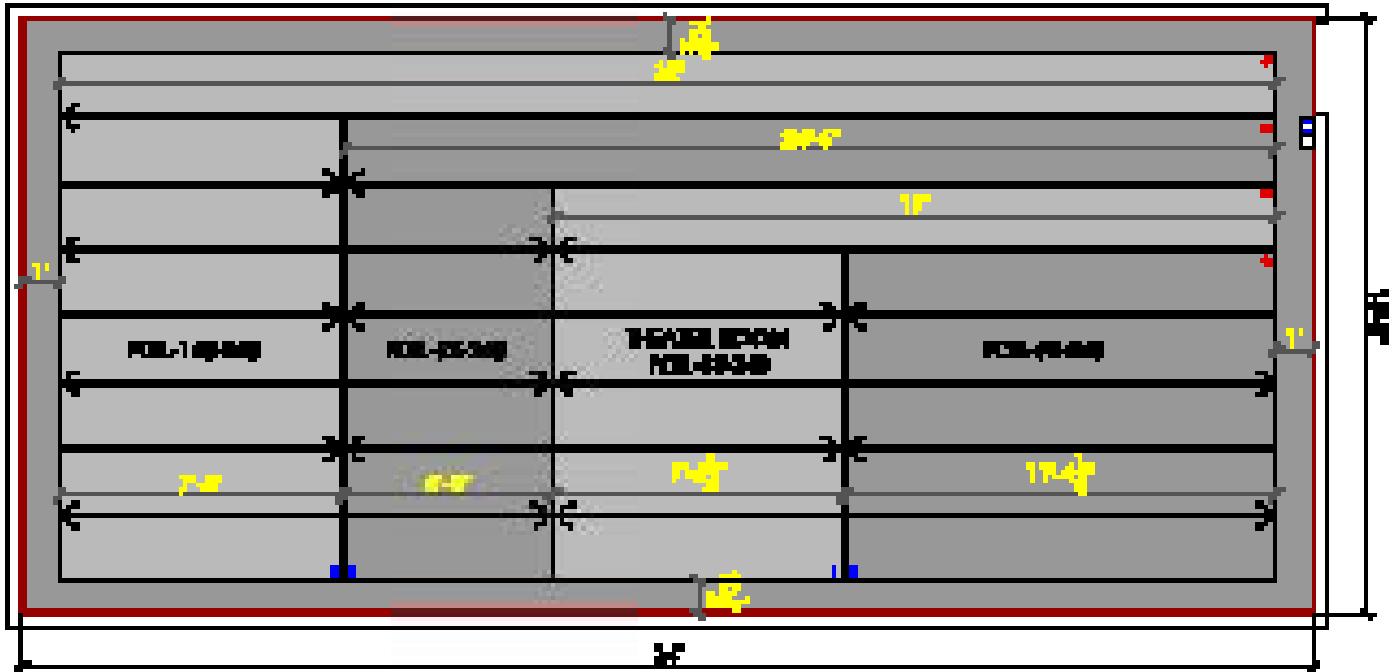
Code	Optional Insulation Underlay	Canada	USA	See More
WIB-SOFT-1/4	Warmup Insulation Underlay 270 sqft rolls.	\$338.00	\$270.00	Page 35

*The FOIL product requires an underlay. Approved carpet padding and polyurethane sound barriers an acceptable underlay.



Case Study: A Cold Basement Turned Warm

Over 500 square feet of space transformed with heated carpet



Size		Price	Type	
533 sq. ft.		\$5,518.50	FOIL	
Total Room Area	533 sq. ft.		Specifications	
Surface to be Heated	425 sq. ft.		Voltage	240
Heating System	FOIL HEATERS	\$4,607.00	Amps	21.15
Thermostat	4iE-04 Thermostat	\$289.00	Monthly Cost to Run	\$37.25
Relay	RL-240V25A	\$82.50	Total BTU Equivalent	17,391
		Subtotal	\$5,518.50	

DID YOU KNOW?
 You can control up to 790 square feet when you pair the 4iE with our 25 amp relay!



Chris approached Warmup® wondering if he could add the same comfort to his basement that he had added to his bathroom a few years prior.

The Challenge

Transform a cold, unused basement into a theater room to add function and value to the Broshar family home.

The Solution

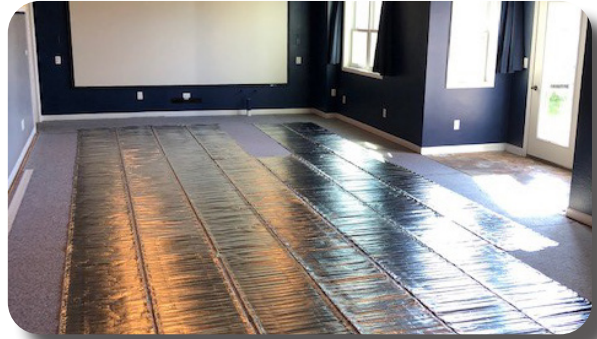
What once seemed like a dream to the Broshar Family soon became a reality. Chris researched the Warmup system on our website and was delighted to learn that the FOIL system would install quickly and easily between carpet padding and carpet. Knowing this, Chris started planning a basement renovation that would ultimately result in more functional space for himself and his beloved family.

The Result

What was once as a large, vacant portion of the Broshar Family home is now a Michigan football fan dream home theater. The Warmup FOIL system played a vital role in adding function to this space as it was previously too cold to use. Amongst many smart devices in the room, the 4iE Smart WiFi thermostat on the wall with remote accessibility via the My Heating App ensures that the Broshar Family will never have to cheer their favorite team on in the cold.

[READ MORE CASE STUDIES ONLINE](#)

Have a cool project that you think would make a great case study? Contact us to see if you qualify for our case study rebate program!



DCM-PRO Loose Cable System for Wood Floors

Use under nailed hardwood floors

Warmup loose cable for hardwood has been tested by many wood suppliers and is the ideal solution for radiant heating under solid wood floors. Installed at 3" to 4" spacing between sleepers about 10" to 16" on center, it allows for a nailing surface to protect the cable from damage. Filling the gaps between sleepers with thinset or drypack creates the heat mass

necessary to provide gradual and safe heating throughout the hardwood floors.

Electric floor heating systems do not affect moisture and will not impact your wood, unlike hydronic systems. It does not leak or freeze and is a tried and true solution in kitchens, basements, dining rooms and more.

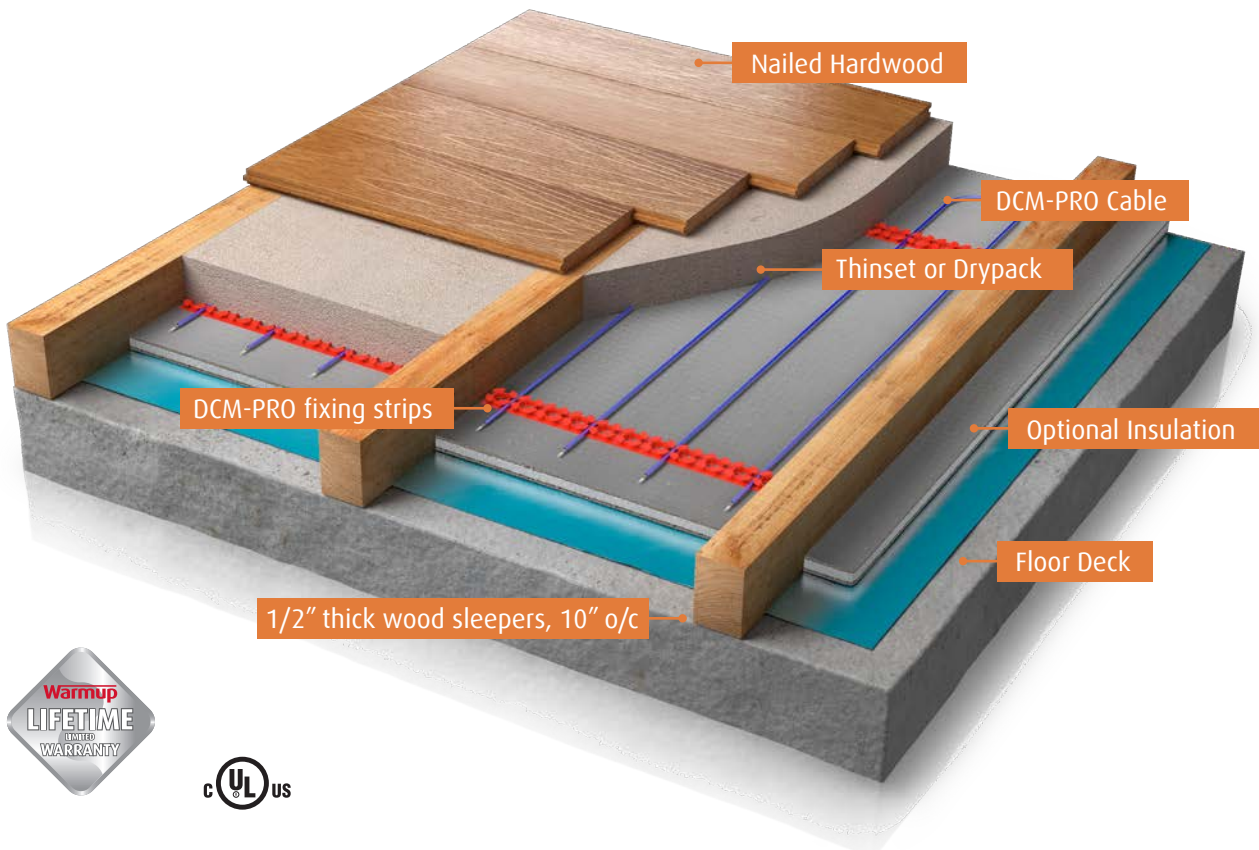


DID YOU KNOW?

Warmup's 4iE thermostat blocks floor temps under wood at 81F automatically in order to comply with Wood Manufacturer warranties

Quote in 3 Easy Steps:

1. Cable
2. Accessories
3. Thermostat





1.

Code	Length (ft)	Resistance (Ω)	Amps	Loose laid cable with fixing strips	Canada	USA
				SQ FT at 3" Spacing		
DCM-C-120-65	16.7	221.5	0.54	4	\$170.00	\$135.87
DCM-C-120-130	33.1	110.8	1.08	8	\$196.00	\$156.61
DCM-C-120-195	49.9	73.8	1.62	12	\$247.00	\$197.28
DCM-C-120-260	66.3	55.4	2.16	17	\$272.00	\$217.46
DCM-C-120-325	83.0	44.3	2.70	21	\$312.00	\$249.15
DCM-C-120-390	99.4	36.9	3.25	25	\$338.00	\$269.74
DCM-C-120-525	132.9	27.4	4.37	33	\$410.00	\$327.73
DCM-C-120-655	166.0	22.0	5.45	42	\$449.00	\$358.41
DCM-C-120-785	199.1	18.3	6.55	50	\$495.00	\$395.48
DCM-C-120-920	232.3	15.6	7.69	58	\$543.00	\$433.67
DCM-C-120-1050	265.4	13.7	8.75	66	\$587.00	\$469.33
DCM-C-120-1180	298.6	12.2	9.83	75	\$655.00	\$523.50
DCM-C-120-1315	331.7	11.0	10.90	83	\$717.00	\$573.35
DCM-C-120-1445	364.8	10.0	12.00	91	\$770.00	\$615.55
DCM-C-120-1575	398.0	9.1	13.18	99	\$782.00	\$625.47
DCM-C-240-195	49.9	296	.8	12	\$247.00	\$197.28
DCM-C-240-325	83.0	177.2	1.35	21	\$324.00	\$258.72
DCM-C-240-390	99.4	147.7	1.62	25	\$330.00	\$263.60
DCM-C-240-525	132.9	109.7	2.18	33	\$399.00	\$318.43
DCM-C-240-655	166.0	87.9	2.73	42	\$434.00	\$346.45
DCM-C-240-785	199.1	73.4	3.26	50	\$488.00	\$390.11
DCM-C-240-920	232.3	62.6	3.83	58	\$537.00	\$429.54
DCM-C-240-1050	265.4	54.9	4.37	66	\$576.00	\$460.40
DCM-C-240-1180	298.6	48.8	4.91	75	\$633.00	\$506.00
DCM-C-240-1310	331.7	44	5.45	83	\$670.00	\$535.95
DCM-C-240-1640	414.7	35.1	6.83	104	\$790.00	\$631.80
DCM-C-240-1970	497.7	29.2	8.21	124	\$990.00	\$791.55
DCM-C-240-2300	580.7	25.0	9.60	145	\$1,089.00	\$870.75
DCM-C-240-2630	663.4	21.9	10.95	166	\$1,130.00	\$903.60
DCM-C-240-2955	746.4	19.5	12.30	187	\$1,209.00	\$967.05
DCM-C-240-3240	829.4	17.8	13.48	207	\$1,330.00	\$1,063.35

*for 208V figures, see product specification sheet, which can be found on warmup.com or .ca

2.

Code	Accessories	Canada	USA
ACC-DGMTR	The Alligator Tester - Digital Multimeter.	\$25.00	\$20.00
DCM-SP-10K	Additional Floor Sensor for the 4iE®.	\$26.00	\$21.00
RL-240V25A	General purpose 25A/240V relay used to expand the switching capability of the Warmup thermostats. Mounts in single gang box.	\$104.00	\$82.50
PLG-DCM-12	Plastic fixing strips - Strips are 12" long with spacing available on 1" increments. Approximately 3/16" thick. Box of 40.	\$55.00	\$45.50

3.

Code	Thermostat	Canada	USA
4iE-V04-WH	Warmup's most popular thermostat, the white WiFi 4iE®	\$309.00	\$289.00

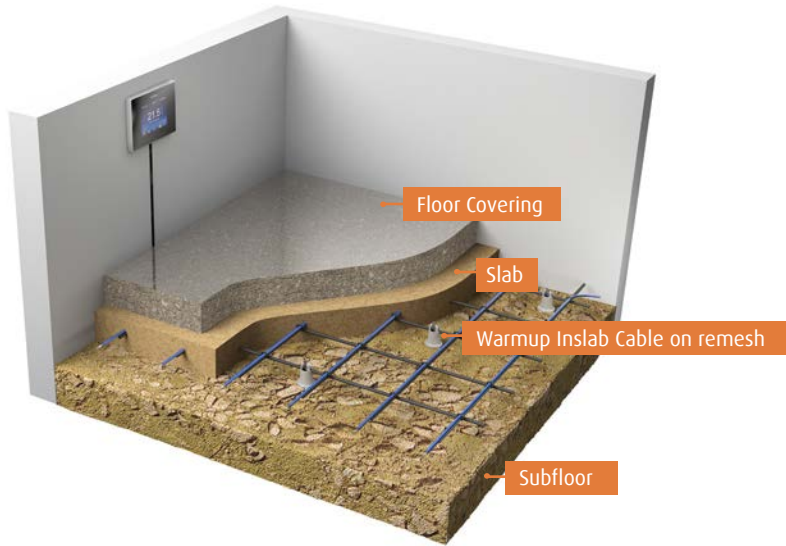
For more options see page 37.

WODH In-slab cable

Cable System for Slab Pours up to 6"

The Warmup In-Slab cable System is designed for use within a concrete slab. The cable spacing can be altered to fit the heating requirements and the thickness of the slab. Warmup WODH cables provide 20W per sqft or up to 70 BTUs per hour and easily

replace water-based applications. With an electric system there is no boiler, no pump, no manifolds and no maintenance required. It is the ideal solution for builders and remodelers in basements and room additions.



Quote in 3 Easy Steps:

1. Cable
2. Accessories
3. Thermostat



1.	Cable length	Code	3"	4"	5"	Wattage	Amps	Resistance (Ω)	Canada	USA
	93	WODH-240/500	24	30	39	500	2.1	114.30	\$344.00	\$274.50
	176	WODH-240/950	44	59	74	950	4.0	60.00	\$524.00	\$418.50
	250	WODH-240/1300	62	84	104	1300	5.4	44.40	\$604.00	\$482.50
	315	WODH240/1700	76	104	130	1700	7.1	33.80	\$763.00	\$610.50
	437	WODH-240/2400	105	146	182	2400	10.0	24.00	\$1,023.00	\$818.00
	625	WODH-240/3400	155	210	260	3400	14.2	16.90	\$1,225.00	\$980.00

2.	Code	Accessories	Canada	USA
	ACC-DGMTR	The Alligator Tester Digital Multimeter.	\$25.00	\$20.00
	DCM-SP-10K	Additional Floor Sensor for the 4iE®	\$26.00	\$21.00
	RL-240V25A	General purpose 25A/240V relay used to expand the switching capability of the Warmup thermostats. Mounts in single gang box.	\$104.00	\$82.50
	USM-FB1	Metal fixing strips to fix the heating cable - 83 ft long.	\$131.00	\$105.00
	NAMSR-ZT-100	Bag of 100 Heavy Duty Zip Ties. 7" long. For use with WSM, WODH and NAMSR cable series. 50lbs load bearing capacity.	\$34.50	\$27.60

3.	Code	Thermostat	Canada	USA
	4iE-V04-WH	Warmups most popular thermostat, the white WiFi 4iE®	\$309.00	\$289.00

For more options see page 37. The 4iE is capable of controlling heating limits to protect finished flooring.

Case Study: Offsetting Heat Loss with Perimeter Heat

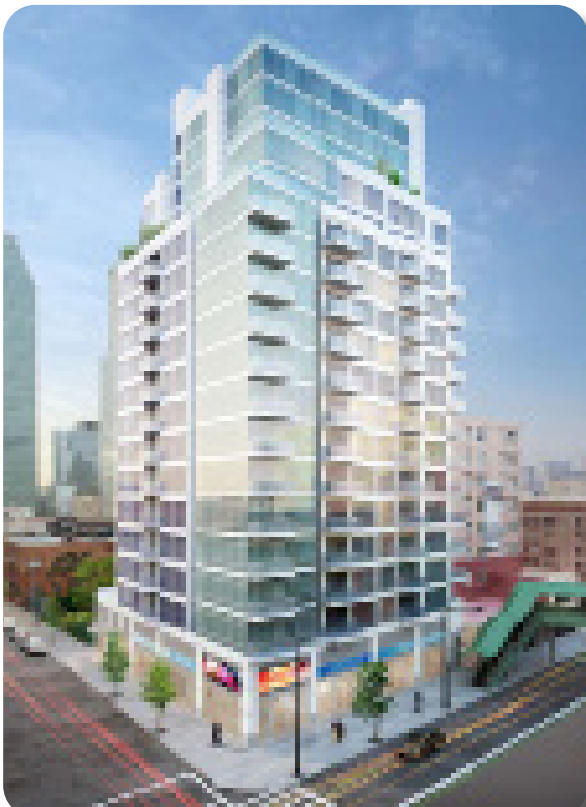
Perimeter heat is a great solution for offsetting heat loss created by window areas and perimeter walls. Warmup has proudly delivered perimeter heat to several projects to prevent discomfort and window condensation.

The Challenge

The all-glass building designs that we love face their own series of challenges when temperatures drop. Without proper planning, a perfect viewing spot can be ruined by condensation or extreme cold.

The Solution

At both 685 First Ave (right) and 27th & Queens Plaza South (below) Warmup delivered heating mats to offset the heat loss of the buildings many windows. At 685 First Ave a heat loss calculation determined that custom mats had to be manufactured for the project and Warmup was able to do so. In addition to perimeter heating, both buildings opted for a heated floors throughout their lobbies to ensure their guests a warm welcome.



The Result

It is possible to have an all-glass design in any climate with the proper planning. At Warmup we are happy to assist in bringing your design to life with research that ensures its success.

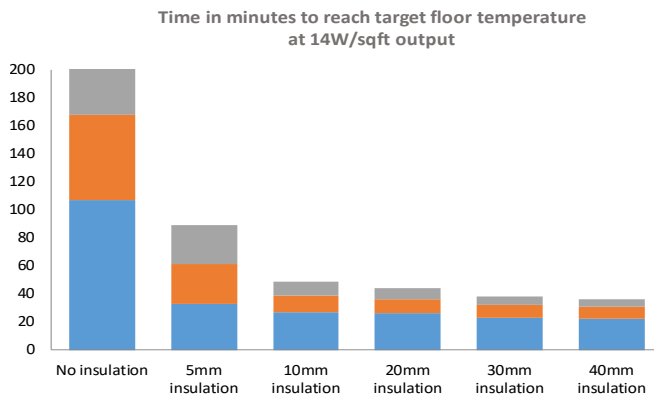
[READ MORE CASE STUDIES ONLINE](#)

Insulation is the key to an efficient Primary Heat Source.

Insulation Boards Under Tile

Warmup coated Insulation Boards are an important element when installing underfloor heating. They provide the foundation to lay the heating system.

The insulation improves the response time and heat retention within the room, reducing energy consumption and carbon emissions.



Code	Description	Canada	USA
WIB-4x2-1/4	Insulated backer boards. Dimensions: 2'x4'x1/4". USA box of 6 boards 48sqft. Canada box of 8 boards 64sqft.	\$229.00	\$231.00
WIB-S5/8	5/8" screws for WIB Installation. Sold in box of 100/ct.	\$39.00	\$31.00
WIB-W1/4	Washers w/o tabs for 1/4" WIB Installation. Sold in box of 100/ct.	\$42.00	\$33.00
WIB-SEALANT	Sealant for WIB seams and screws/washers. Required in wet areas only. One tube covers 6 boards.	\$39.00	\$30.50

Insulation Underlay For Floating Floors

Warmup Insulation Underlay is a thin polystyrene insulation barrier with effective acoustic properties to reduce contact noise.

It sits between the cold subfloor and Warmup FOIL Heating System, prevents heat loss and makes the underfloor heating system more efficient and effective. The Foil backing acts as an effective moisture barrier.



Code	Description	Canada	USA
WIB-SOFT-1/4	Warmup Insulation Underlay 270 sqft rolls	\$338.00	\$270.00

Let our **Smart Thermostats**
save you money.



4iE-V03-WH



4iE-V03-BL



4iE-V04-WH



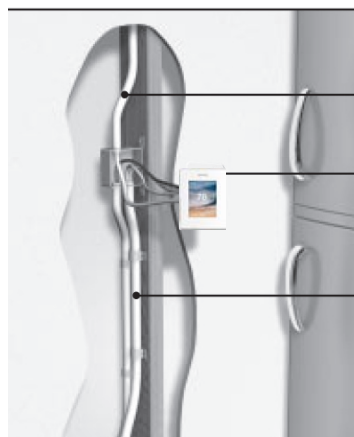
4iE-V04-BL

Code	Orientation	Color	WiFi/ Non WiFi	Max Load	Canada	USA
4iE-V03-BL	Portrait	Black	Non WiFi	15A	\$249.00	\$223.00
4iE-V03-WH	Portrait	White	Non WiFi	15A	\$249.00	\$223.00
4iE-V04-BL	Portrait	Black	WiFi	15A	\$309.00	\$289.00
4iE-V04-WH	Portrait	White	WiFi	15A	\$309.00	\$289.00
DCM-SP-10K*	N/A	White	N/A	N/A	\$26.00	\$21.00
RL-240V25A	N/A	N/A	N/A	25A	\$104.00	\$82.50

*all thermostat boxes include one floor sensor DCM-SP-10K

**all 4iE® models have a built-in Class A GFCI and can operate systems at 120, 208 or 240V, via ambient and floor sensor.

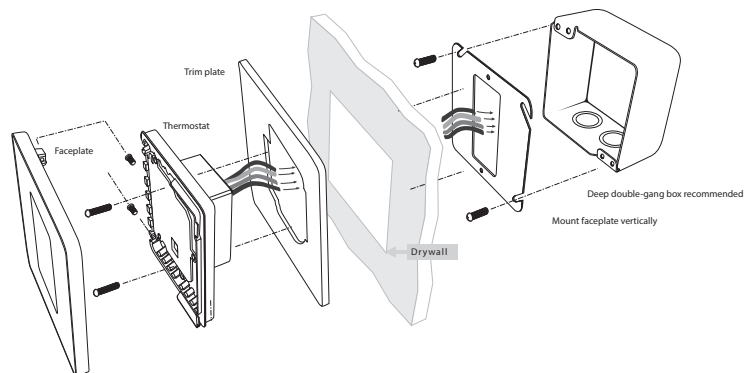
Thermostat installation



Non-GFCI Power Supply

Thermostat mounting

2 Conduits



Deep double-gang box recommended
Mount faceplate vertically

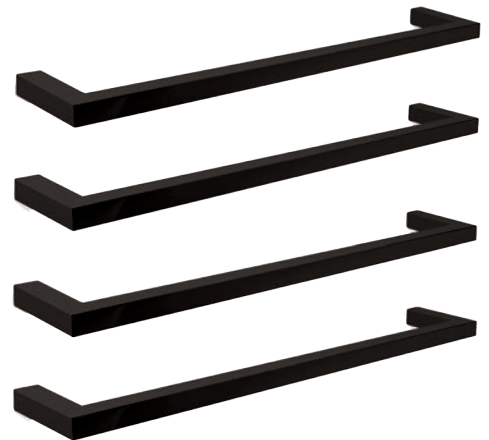


Turn your bathroom
into a **spa**[™]



Matte Black

Warmup HTR Towel Warmers now feature a built-in power LED. Simply hard-wire the appliance and enjoy the added heating in the room!



DID YOU KNOW?

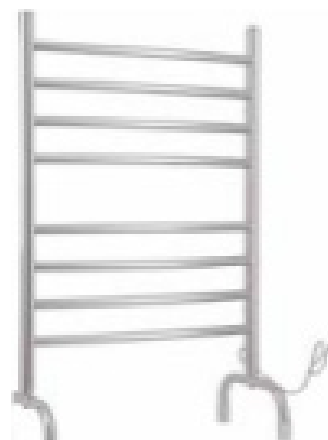
Warmup's unique 001 and 002 models are recommended in sets of 4 or more for best results. Mounting bracket included.

Code	Description	Wattage	Canada	USA
HTR-116B	Ladder type towel warmer measuring 24" x 30" activated with built-in ON/OFF LED (left)	110	\$688.75	\$551.00
HTR-171B	Floor standing towel warmer measuring 36" x 24" with plug and built-in ON/OFF LED	110	\$786.25	\$605.00
HTR-023B	Shelf model towel warmer measuring 32" x 24" with built in ON/OFF LED	110	\$897.50	\$718.00
HTR-004B	Ladder type towel warmer measuring 24" x 32" with a built-in timer function	150	\$846.25	\$677.00
HTR-091B	Ladder type towel warmer measuring 24" x 31" with rounded tubes and a hardwired design	60	\$461.00	\$368.50
HTR-001B	Single matte black round tube towel warmer	14	\$144.00	\$114.50
HTR-002B	Single matte black square tube towel warmer (top right)	14	\$159.00	\$126.50

[SEE MORE AT WARMUP.COM](http://www.warmup.com)

Brushed Nickel

Warmup’s ladder model has a first-of-its-kind integrated timer control. The timer can be set to repeat heating periods each day.



Floor Standing

Code	Description	Wattage	Canada	USA
HTR-116BN	Ladder type towel warmer measuring 24" x 30" activated with built-in ON/OFF LED	110	\$603.75	\$483.00
HTR-171BN	Floor standing towel warmer measuring 36" x 24" with built-in ON/OFF LED (top right)	110	\$645.00	\$516.00
HTR-023BN	Shelf model towel warmer measuring 32"x 24"with built in ON/OFF LED	110	\$786.25	\$629.00
HTR-004BN	Square tube towel warmer in ladder format measuring 24" x 32" with built-in Timer function (left)	150	\$756.25	\$605.00
HTR-080BN	Square tube towel warmer in paperclip format measuring 47"x15" with a hardwired design	60	\$1,198.00	\$958.00
HTR-002BN	Single brushed nickel square tube towel warmer	14	\$159.00	\$126.50

[SEE MORE AT WARMUP.COM](http://WARMUP.COM)

Polished Chrome



Code	Description	Wattage	Canada	USA
HTR-116PC	Ladder type towel warmer measuring 24" x 30" activated with built-in ON/OFF LED	110	\$637.50	\$510.00
HTR-171PC	Floor standing towel warmer measuring 36" x 24" with built-in ON/OFF LED	110	\$700.00	\$560.00
HTR-023PC	Shelf model towel warmer measuring 32"x 24"with built in ON/OFF LED (seen above)	110	\$830.00	\$664.00
HTR-004PC	Square tube towel warmer in ladder format measuring 24" x 32" with built-in timer function	150	\$783.75	\$627.00
HTR-001PC	Single polished chrome round tube towel warmer	14	\$144.00	\$114.50

[SEE MORE AT WARMUP.COM](https://www.warmup.com)

Mirror defoggers

- Available in 6 sizes
- Adhesive backed
- Easy to install
- Fog free mirror in seconds
- Fits most mirrors
- Low running cost
- Connects to existing lighting circuit



Code	Description	Shape	Wattage	Canada	USA
MD-1624	Mirror Defogger Pads 16 x 24	Rectangular	80W	\$93.00	\$74.50
MD-1826	Mirror Defogger Pads 18 x 26	Rectangular	80W	\$109.00	\$87.00
MD-2432	Mirror Defogger Pads 24 x 32	Rectangular	80W	\$152.50	\$122.00
MD-15	Mirror Defogger Pads 15"	Circular	40W	\$62.00	\$49.50
MD-20	Mirror Defogger Pads 20"	Circular	40W	\$109.00	\$87.00
MD-25	Mirror Defogger Pads 25"	Circular	40W	\$147.50	\$118.00

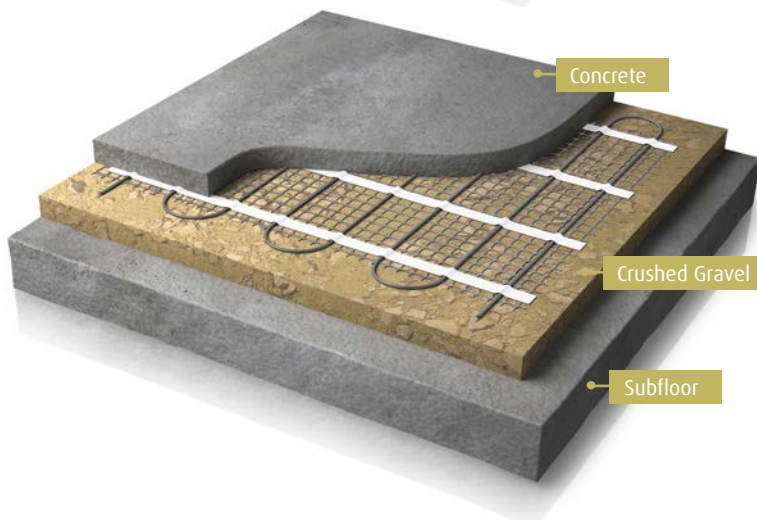
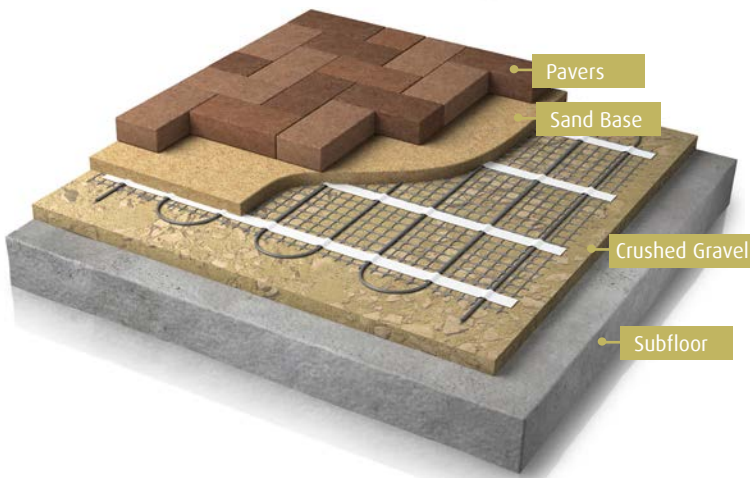
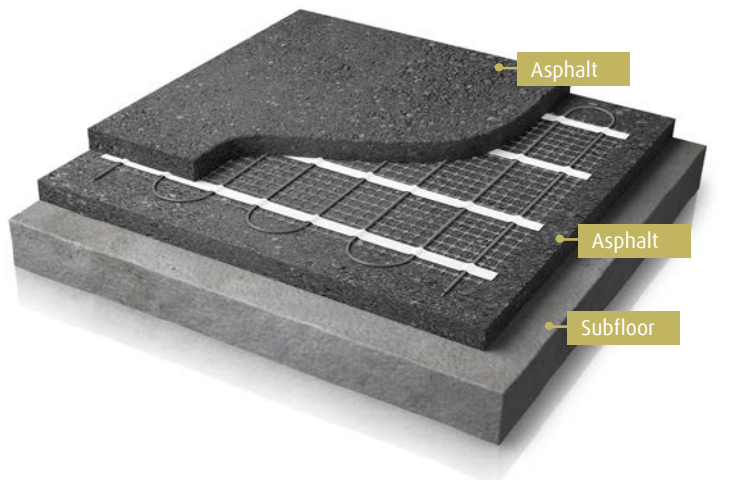
Plan for a safe &
maintenance-free winter
at your home or business
with Warmup® **Outdoor
Heating Solutions**



Snow Melting Mats

Warmup systems are ideal to provide snow-free access to the house and prevent injuries on stairs and walkways.

They are commonly used in concrete pours, asphalt driveways and paved walkways.



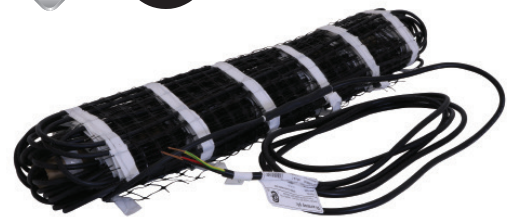
Mats are 2ft or 3ft wide and with a 3" cable spacing providing 50w/sqft for optimum results under even the harshest conditions.

FEATURES & BENEFITS

- Versatile installation in asphalt, concrete or under pavers
- Dual conductor cable, one-point connection
- Available in a wide range of lengths to suit your requirements
- Available in 2 ft and 3 ft wide rolls

TECHNICAL DATA

- Operating voltage: 208, 240, 277 and 480V
- Output rating: 50W/sqft at 240V
- Rated to a maximum temperature of 464°F (240°C) under asphalt pours
- Cold tail length: 16'4"
- 10-Year Warranty





Voltage	Area (sqft)	Code	Mat Length (ft)	Wattage	Amps	Resistance (Ω)	Canada	USA
240V*	10	WSMM-240/500	5	500	2.1	115.20	\$272.00	\$217.50
	20	WSMM-240/1000	10	1000	4.2	57.60	\$374.00	\$298.50
	30	WSMM-240/1500	15	1500	6.3	38.40	\$502.00	\$401.00
	40	WSMM-240/2000	20	2000	8.33	28.80	\$574.00	\$459.00
	50	WSMM-240/2500	25	2500	10.43	23.00	\$662.00	\$529.00
	60	WSMM-240/3000	30	3000	12.5	19.20	\$748.00	\$598.50
	70	WSMM-240/3500	35	3500	14.6	16.46	\$858.00	\$686.50
	80	WSMM-240/4000	40	4000	16.7	14.40	\$969.00	\$775.00
	90	WSMM-240/4500	45	4500	18.8	12.80	\$1,052.00	\$841.50
	100	WSMM-240/5000	50	5000	20.86	11.50	\$1,195.00	\$956.00
	120	WSMM-240/6000	60	6000	25.0	9.60	\$1,452.00	\$1,161.00

Voltage	Area (sqft)	Code	Mat Length (ft)	Wattage	Amps	Resistance (Ω)	Canada	USA
240V*	30	WSMM-240/3x10	10	1500	6.3	38.4	\$502.00	\$401.00
	60	WSMM-240/3x20	20	3000	12.5	19.2	\$748.00	\$598.50
	75	WSMM-240/3x25	25	3750	15.6	15.6	\$886.00	\$708.50
	90	WSMM-240/3x30	30	4500	18.8	12.8	\$1,052.00	\$841.50
	120	WSMM-240/3x40	40	6000	25.0	9.6	\$1,309.00	\$1,127.00

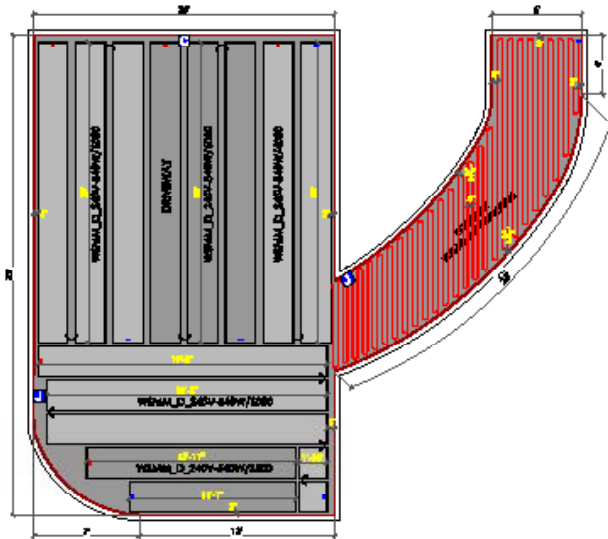
*all mats can be connected to 208V and 240V, single phase and 3 phase power. Please check our Technical Data Sheets for variations to Wattage output and Amperage Load under different Voltages.

Voltage	Area (sqft)	Code	Mat Length (ft)	Wattage	Amps	Resistance (Ω)	Canada	USA
480V	30	WSMM-480/1500	15	1500	3.12	153.84	N/A	\$401.00
	40	WSMM-480/2000	20	2000	4.16	115.38	N/A	\$459.00
	60	WSMM-480/3000	30	3000	6.25	76.8	N/A	\$598.50
	80	WSMM-480/4000	40	4000	8.33	57.62	N/A	\$775.00
	120	WSMM-480/6000	60	6000	12.50	38.40	N/A	\$1,105.50

Code	Accessories	Canada	USA
WSM-NMP	Branded Name Plate for use with Warmup Snow Melt Heater installations (NEC426-13).	\$49.00	\$39.00
ACC-DGMTR	The Alligator Tester - Digital Multimeter.	\$25.00	\$20.00
ACC-MEGG	Warmup's Digital Mega-Ohmmeter is used to track Insulation Resistance for installation Accuracy and Warranty Purposes.	\$223.40	\$197.80
SR-ZT-100	Bag of 100 Heavy Duty Zip Ties. 7" long. For use with WSM, WODH and NAMSR cable series. 50lbs load bearing capacity.	\$24.00	\$19.00

*For controls and accessories see pages 52 and 53.

RESIDENTIAL DRIVEWAY



Size	Price	Type
750 Sqft	\$7,521.00	WSMM and WSM

Total Area	750 sqft		Specifications	
Heating System	3 2'x60' mats	\$3,483.00	Voltage	240
	2'x40' mat	\$775.00	Amps	122.9
	2'x25' mat	\$529.00	Hourly Cost to Run	\$3.54
	420' of loose cable	\$759.00	Total Wattage	29,500
Controller	WSM-252W	\$1,975.00		
	Subtotal	\$7,521.00		

Case Study: Walmart installs Snow Melting Mats for 365 days of Uninterrupted Business

Walmart has a key mission to help people save money so that they can live better. To accomplish this Walmart operates out of 150+ distribution centers, making them one of the largest distribution operations in the world.

The Challenge

A typical Walmart distribution center employs over 600 individuals in a 1 million square foot facility. Throughout the course of any given day, the centers employees will unload and ship over 200 trailers. Due to the size of this operation it is crucial to Walmart that they remain prepared to handle any situation that may arise and in Coldwater, Michigan, one is inclement weather. Between arranging snow removal service at this location, getting the job done in a timely manner, and keeping the facility clear of snow and ice Walmart realized that they were spending a lot of time and resources on something that wasn't reliable or 100% effective.



The Solution

An online search for snow melting solutions led Walmart to the Warmup product line. After a quick quote was requested online, project planning began to take shape for 2,400 sf of snow melting. Snow melting mats and an automated control were the perfect solution for Walmart's situation because they eliminated the need for snow removal service and guaranteed that the facility would remain snow and ice free at all times. Walmart had a small window of opportunity for installing this project but with the help of the Warmup team and in-stock product they were able to meet a close deadline.

The Result

Coldwater averages 50 inches of snow per year but at the Walmart Distribution Center in town you will fail to find any accumulation along the sidewalks. The best part? No maintenance or manual activation is required. With a CommBox control in place the system activates automatically when moisture and low temperatures are present. The system has virtually been installed and forgotten after megohmmeter readings confirmed a successful installation.

The benefits of a Warmup snow melting system at this facility stretch beyond operation by offering piece of mind to upper management. With a Warmup snow melting system, Walmart daily operations are unaffected by weather. Warmup is proud to be a part of the system that keeps Walmart operating 365 days a year.

[READ MORE CASE STUDIES ONLINE](#)

Snow Melting Cables

For custom layouts and spacing under concrete, pavers and asphalt pours.

Snow Melting Cables are the loose equivalent of the Mats. The cables are reinforced with advanced fluoropolymer coatings to form a cable jacket that can withstand traffic and setting material. Warmup's

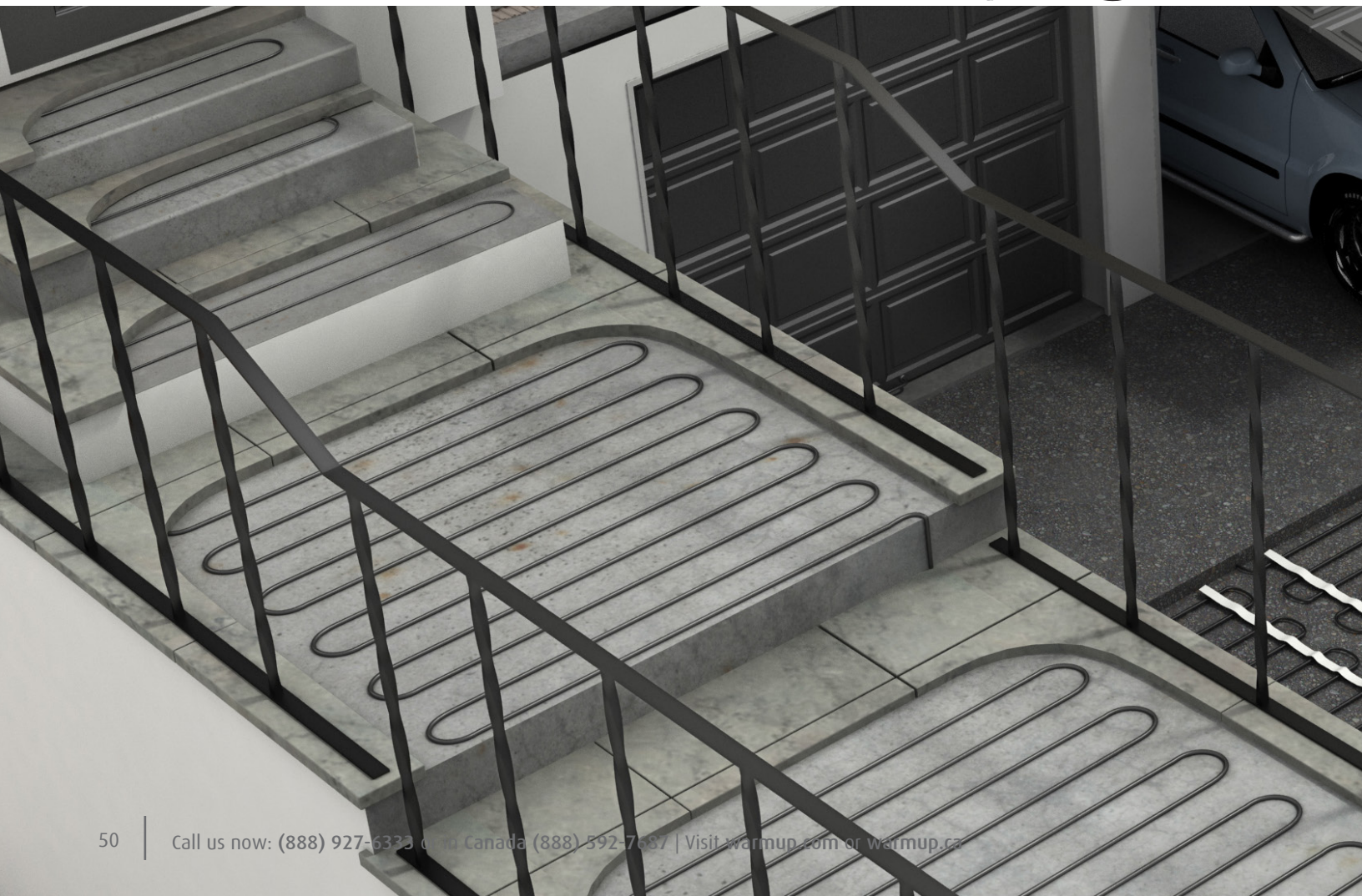
Cables are completely grounded and safe for installation under asphalt, pavers and concrete. Choose the loose format for stairs and off-shaped areas, and combine with Mats wherever necessary.

FEATURES & BENEFITS

- Versatile installation in asphalt, concrete or under pavers
- Flexible cable: quick and easy to install in every configuration
- Dual conductor cable, one-point connection
- Available in a wide range of lengths to suit your requirements

TECHNICAL SPECIFICATIONS

- Operating voltage: 208, 240, 277 and 480V
- Output rating: 12W / linear foot at 240V
- Energy efficient twin-conductor heating cable of 1/4"
- Wire jacket rated to take maximum asphalt pour temperatures of 464°F (240°C)
- Cold tail length: 16' 4"
- 10-Year Warranty





Voltage	Length (ft)	Code	3"	4"	5"	Wattage	Amps	Resistance (Ω)	Canada	USA
240V*	84	WSM-240/1000	20	27	34	1000	4.2	57.1	\$279.00	\$223.00
	168	WSM-240/2000	43	57	72	2000	8.3	28.9	\$445.00	\$356.00
	209	WSM-240/2500	51	67	84	2500	10.4	23.1	\$532.00	\$424.00
	251	WSM-240/3000	62	84	104	3000	12.5	19.2	\$614.00	\$491.00
	330	WSM-240/4000	85	110	135	4000	16.90	14.2	\$782.00	\$625.00
	420	WSM-240/5000	100	140	170	5000	20.86	11.5	\$949.00	\$759.00
	500	WSM-240/6000	122	181	200	6000	25.0	9.6	\$1,144.00	\$915.00

*all mats can be connected to 208V and 240V, single phase and 3 phase power. Please check our Technical Data Sheets for variations to Wattage output and Amperage Load under different Voltages.

Voltage	Length (ft)	Code	Wattage	Amps	Resistance (Ω)	Canada	USA
480V	84	WSM-480/1000	1000	2.08	230.77	N/A	\$236.00
	209	WSM-480/2500	2500	5.20	92.30	N/A	\$449.00
	342	WSM-480/4000	4000	8.33	57.62	N/A	\$662.00
	500	WSM-480/6000	6000	12.50	38.4	N/A	\$941.00

Voltage	Length (ft)	Code	Wattage	Amps	Resistance (Ω)	Canada	USA
600V	84	WSM-600/1000	1000	1.7	360	\$236.00	N/A
	209	WSM-600/2500	2500	4.2	144	\$449.00	N/A
	342	WSM-600/4000	4000	6.7	90	\$662.00	N/A
	500	WSM-600/6000	6000	10	60	\$941.00	N/A

Code	Accessories	Canada	USA
WSM-NMP	Branded Name Plate for use with Warmup Snow Melt Heater installations (NEC426-13).	\$49.00	\$39.00
ACC-DGMTR	The Alligator Tester - Digital Multimeter.	\$25.00	\$20.00
ACC-MEGG	Warmup's Digital Mega-Ohmmeter is used to track Insulation Resistance for installation Accuracy and Warranty Purposes.	\$223.40	\$197.80
SR-ZT-100	Bag of 100 Heavy Duty Zip Ties. 7" long. For use with WSM, WODH and NAMSR cable series. 50lbs load bearing capacity.	\$24.00	\$19.00
USM-FB1	Metal fixing strips to fix the heating cable - 83 ft long.	\$131.00	\$105.00

*For controls and accessories see pages 52 and 53

Snow Melting Controls

Voltage	100-240V	100-240V	100-240V	100-600V (Supports 3-Phase)	100-600V (Supports 3-phase)	100-277V	100-600V (Supports 3-Phase)
Amperage	30 Amps	2 x 30 Amps	4 x 30 Amps	4 x 63 Amps	4 x 63 Amps	4 x 30 Amps	4 x 50 Amps
Sensor	Built-in	Built-in	Built-in	WiFi	ASE-DS2	AIR-SENSE	AIR-SENSE
Controller(s)	 ASE-DS2C & ODC-CDP-2	 ASE-DS5C & ODC-CDP-2	 ASE-DS5C X2 & ODC-CDP-2 X2	 WSM-252W	 WSM-63	 Resibox-120	 CommBox-600
GFEP Protection	GF-1	GF-2	GF-2	GF-2	GF-2	Built-in	Built-in

Controllers

Code	Description	Canada	USA
ODC-ASE-DS2C	Wall-mounted controller with built-in sensor and 30A capacity (240V). For Snow Melting.	\$844.00	\$675.00
ODC-ASE-DS5C	Wall-mounted controller with built-in sensor and 2x30A capacity (240V). For Snow Melting.	\$1,086.00	\$868.50
ODC-CDP-2	Indoor control panel for ASE-DS controllers. Fits any single gang electrical enclosure.	\$325.00	\$260.00
WSM-63	Timer panel with 252A capacity. Operate manually as Timer, or combine with optional sensors.	\$2,080.00	\$1,663.50
ODC-RESIBOX3	GFEP protected 30A controller activates Snow Melting systems. Use with CIT, GIT and AirSense sensors.	\$4,973.00	\$3,978.00
ODC-COMBOX600	4x50A-3phase relays for this GFEP controller that can switch multiple zones. Plug-and-Play format.	\$7,402.50	\$5,922.00
WSM-252W	WiFi panel activates with the weather forecast and operates on Smartphone Application.	\$2,468.00	\$1,975.00
ODC-AIRSS	Outdoor moisture and temperature sensor.	\$819.00	\$1,024.00
ODC-AIRSS-B	Mouting bracket for AirSense sensor.	\$259.00	\$207.00
GF-1	In-line GFEP protection for one outdoor heating circuit up to 60A at 120/208/240V.	\$811.25	\$649.00
GF-2	In-line GFEP protection for two outdoor heating circuits up to 60A each at 120/208/240V.	\$1,123.75	\$899.00



NEW! The WSM-252W - A WiFi Snow Melt Control

FEATURES & BENEFITS

- WiFi capability for remote access
- **NO** sensor required
- Automatically works off of local weather forecast
- Heat up to 1,200 sqft at 240V
- Two 63 amp 4-pole contacts designed to handle 252 amps



DOWNLOAD THE APP TODAY!
WARMUP-WSM

Other

Code	Description	Canada	USA
ODC-GIT-1	Gutter sensor. Measures moisture and temperature. Active below 38°F.	\$1,369.00	\$1,090.00
SM-SIT-6E	Surface-mounted snow and ice sensor. Detects moisture and temperatures. Triggers below 38°F for energy-efficient operation. Easy mounting in slabs with multiple conduit connections.	\$3,163.00	\$2,515.00
SIT-6E-H	Housing for SIT-6E sensor	\$245.00	\$196.00
ODC-ET02-4550	Programmable controller for roof and pavement applications, 115/230 VAC, 3 x 15 Amp dry contact.	\$1,125.00	\$899.00
ODC-ETOR-55	Roof Sensor for use with Snow/Ice Control USET02-4450 - Detects moisture, temperature and precipitation.	\$624.00	\$499.00
ODC-ETOG-56	Snow and Ice melting pavement sensor.	\$874.00	\$699.00
ODC-ETOK	Installation cup for the Snow and Ice Melting Ground Sensor USETOG-56.	\$111.00	\$88.69

Roof and Gutter De-Icing Systems

Self-regulating Cable

Warmup's self-regulating roof de-icing cables are heavy-duty cables that will ensure performance under the most challenging conditions. Ice dams can lead to water seeping and interior damage, falling ice and snow on sidewalks.

We have designed the right systems to protect your roofs, gutters and downspouts from damage or injury caused by ice.

Our self-regulating cable will vary its output based on ambient temperature. This reduces consumption costs by requiring just the amount of heat needed to get the job done.

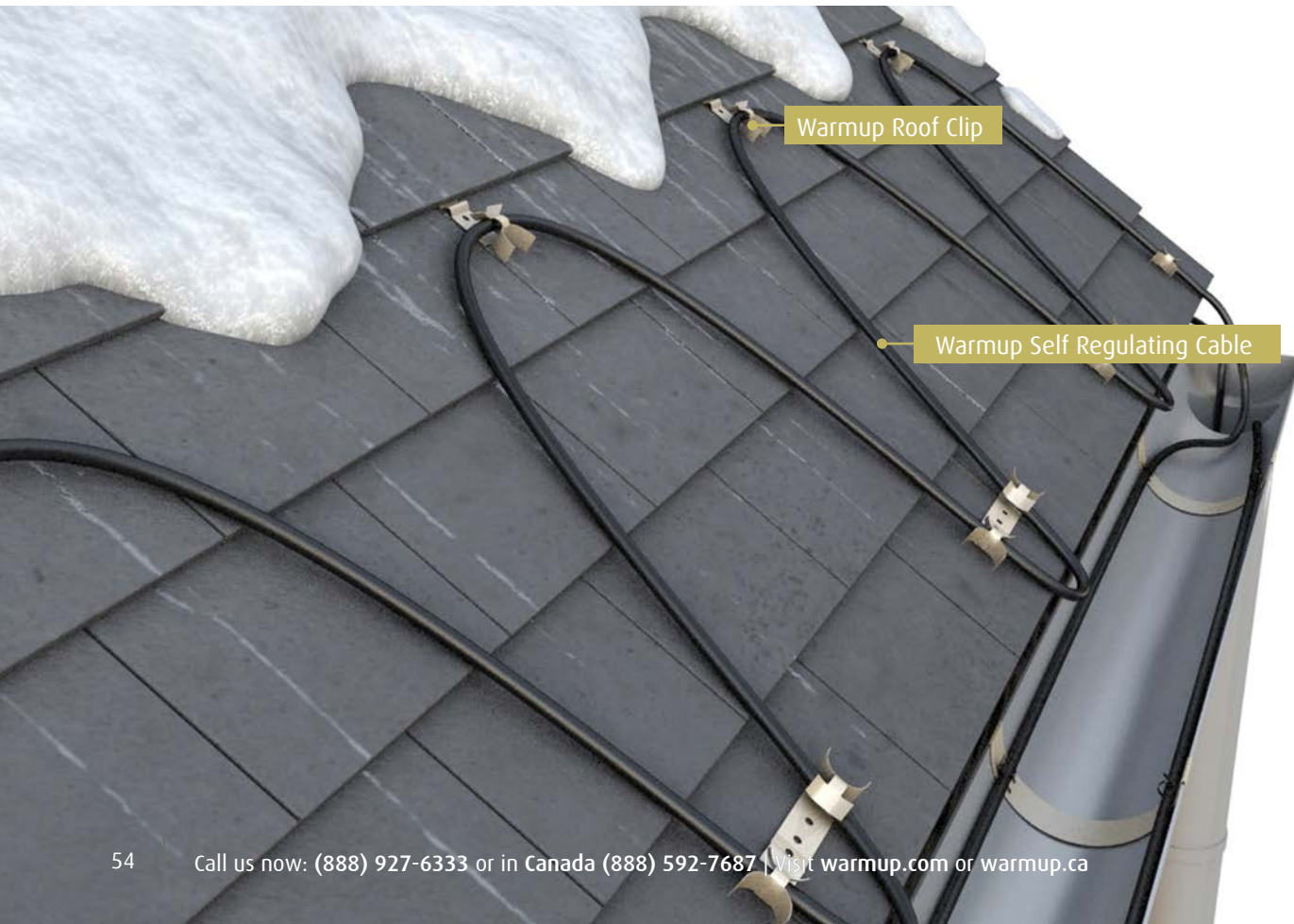
With simple plug-in kits for residential use and large pools for engineered systems and commercial buildings, we look forward to being a part of your project.

FEATURES & BENEFITS

- Self-regulating cable for cost-efficient operation
- Automatic controls to trigger heating only when needed
- Fits on all roof types with a full range of accessories
- Carries a 10-year warranty

TECHNICAL SPECIFICATIONS

- Commercial Grade, 16 AWG Buss Wire
- Standard Braid with overjacket for wet & dry locations
- Circuit lengths up to 540ft
- 5W/ft at 50°F output and 8W at 32°F
- Available in 120V and 208-277 Volts





	Code	Description	Canada	USA
120V	SR-5W-1-250	Self-Regulated 16GA Cable, 120V, 5W/linear foot. Sold in 250' length spools.	\$2,033.00	\$1,767.50
	SR-5W-1-500	Self-Regulated 16GA Cable, 120V, 5W/linear foot. Sold in 500' length spools.	\$4,417.50	\$3,534.00
	SR-5W-1-1000	Self-Regulated 16GA Cable, 120V, 5W/linear foot. Sold in 1000' length spools.	\$8,129.00	\$7,068.50
	SR-8W-1-250	Self-Regulated 16GA Cable, 120V, 8W/linear foot. Sold in 250' length spools.	\$ 2,093.00	\$1,819.50
	SR-8W-1-500	Self-Regulated 16GA Cable, 120V, 8W/linear foot. Sold in 500' length spools.	\$4,417.50	\$3,534.00
	SR-8W-1-1000	Self-Regulated 16GA Cable, 120V, 8W/linear foot. Sold in 1000' length spools.	\$8,368.00	\$7,276.00
240V	SR-5W-2-250	Self-Regulated 16GA Cable, 240V, 5W/linear foot. Sold in 250' length spools.	\$2,208.75	\$1,767.00
	SR-5W-2-500	Self-Regulated 16GA Cable, 240V, 5W/linear foot. Sold in 500' length spools.	\$4,417.50	\$3,534.00
	SR-5W-2-1000	Self-Regulated 16GA Cable, 240V, 5W/linear foot. Sold in 1000' length spools.	\$8,368.00	\$7,068.00
	SR-8W-2-250	Self-Regulated 16GA Cable, 240V, 8W/linear foot. Sold in 250' length spools.	\$2,093.00	\$1,819.50
	SR-8W-2-500	Self-Regulated 16GA Cable, 240V, 8W/linear foot. Sold in 500' length spools.	\$4,417.50	\$3,534.00
	SR-8W-2-1000	Self-Regulated 16GA Cable, 240V, 8W/linear foot. Sold in 1000' length spools.	\$9,095.00	\$7,276.00
120V	SR-K6FT	Self Regulating Kit with Plug, 6ft	\$91.00	\$79.00
	SR-K12FT	Self Regulating Kit with Plug, 12ft	\$132.00	\$105.00
	SR-K18FT	Self Regulating Kit with Plug, 18ft	\$162.00	\$129.50
	SR-K24FT	Self Regulating Kit with Plug, 24ft	\$178.00	\$154.50
	SR-K50FT	Self Regulating Kit with Plug, 50ft	\$339.00	\$271.00
	SR-K75FT	Self Regulating Kit with Plug, 75ft	\$420.00	\$365.00
	SR-K100FT	Self Regulating Kit with Plug, 100ft (seen below)	\$511.00	\$444.00



Roof & Gutter De-icing Systems

WRGH Constant Wattage Kits.

The Warmup WRG is a constant wattage roof de-icing system supplied in pre-terminated plug-in kits.

It is offered in sizes from 30ft to 240ft, from 150W to 1,200W. It is supplied with roof clips and spacers.

WRGH kits are sold pre-assembled with a 3-prong plug in order to provide a simple, DIY solution to resolve ice dams and snow accumulation on roof lines.

For heavy-duty and commercial applications, please refer to the SR product range (p.55) from Warmup.

An optional WRS-2 Controller can be purchased to reduce usage and electrical draw when temperatures are above 40°F. It is highly recommended, to increase product life and to reduce risk of fires or burn outs.

While spacing will impact the eventual output, the WRGH cables are designed for residential use.



WRS-2 Controller

TECHNICAL SPECIFICATIONS

- Not suitable for Pipe Freeze Protection
- Do not overlap or terminate cable
- Turn system off after the snow season
- Must be connected to GFCI protected outlet or breaker.

Code	Length in Feet	Wattage	Voltage	W/lin. ft	Canada	USA
WRG-120-150	30	150	120	5	\$113.00	\$90.50
WRG-120-300	60	300	120	5	\$145.00	\$116.50
WRG-120-400	80	400	120	5	\$185.00	\$148.50
WRG-120-500	100	500	120	5	\$205.00	\$164.50
WRG-120-600	120	600	120	5	\$260.00	\$208.00
WRG-120-800	160	800	120	5	\$304.00	\$243.00
WRG-120-1000	200	1000	120	5	\$366.00	\$293.00
WRG-120-1200	240	1200	120	5	\$399.00	\$319.00

Code	Description	Canada	USA
ODC-WRS-2	Moisture & Temperature Controller for Warmup WRGH Roof & Gutter De-icing Kits.	\$159.00	\$133.50



Case Study: Preventing the Inevitable in New England

Jane and Brad Porter love what the New England area has to offer them in the Winter season but the exterior of their home does not. After years of living in Massachusetts and owning their home, they realized that water damage was starting to take a real toll on their roof and even on some walls.

The Challenge

The ridge of ice that forms at the edge of the roof can cause serious issues for water drainage making them a liability to people below and a risk of indoor water damage. These iced ridges are referred to as ice dams. Damage from ice dams over time can cause water infiltration as the ice lifts the shingles and allows the melting water to seep inside. Queue repair to walls, ceilings, and insulation to name a few scenarios. In New England, one homeowner decided it was time to put an end to the ice dam damage at their home to prevent further and more serious damage from occurring.



The Solution

Ice dams can be addressed in two ways: outdoor heating cables or regular roof raking. Since roof raking proved to be too labor intensive and dangerous, these homeowners decided that heat tracing was the best option for them. Warmup provided a detailed CAD layout for cable installation and a complete wiring schedule for the contractor.

This solution from Warmup carries a 10-year warranty and is fully covered by the SafetyNET guarantee.

Warmup self-regulating cable was installed along the gutter, roofline, downspouts and connected to a Warmup ASE-DS8C automatic controller. The self-regulating cable installed will automatically adjust output based on the outdoor temperature for efficiency. The controller installed will also increase efficiency by only activating the system based on temperature and moisture.

The Result

With a professional installation of the Warmup NAMSR Heat Tracing cable by A Concord Carpenter, it was possible to put an end to ice dams and the seasonal climbs onto the roof. This particular install was conveniently done in the Fall during gutter clean-up but self-regulating cable can be installed anytime before snow fall. The final result of this project is a house that is now properly equipped to handle the countless New England Winters ahead. These cables will last well over a decade and provide homeowners with well-earned peace of mind.

[READ MORE CASE STUDIES ONLINE](#)

Roof and Gutter Heating Controls

A wide variety of control options to fit any size project.



Controllers

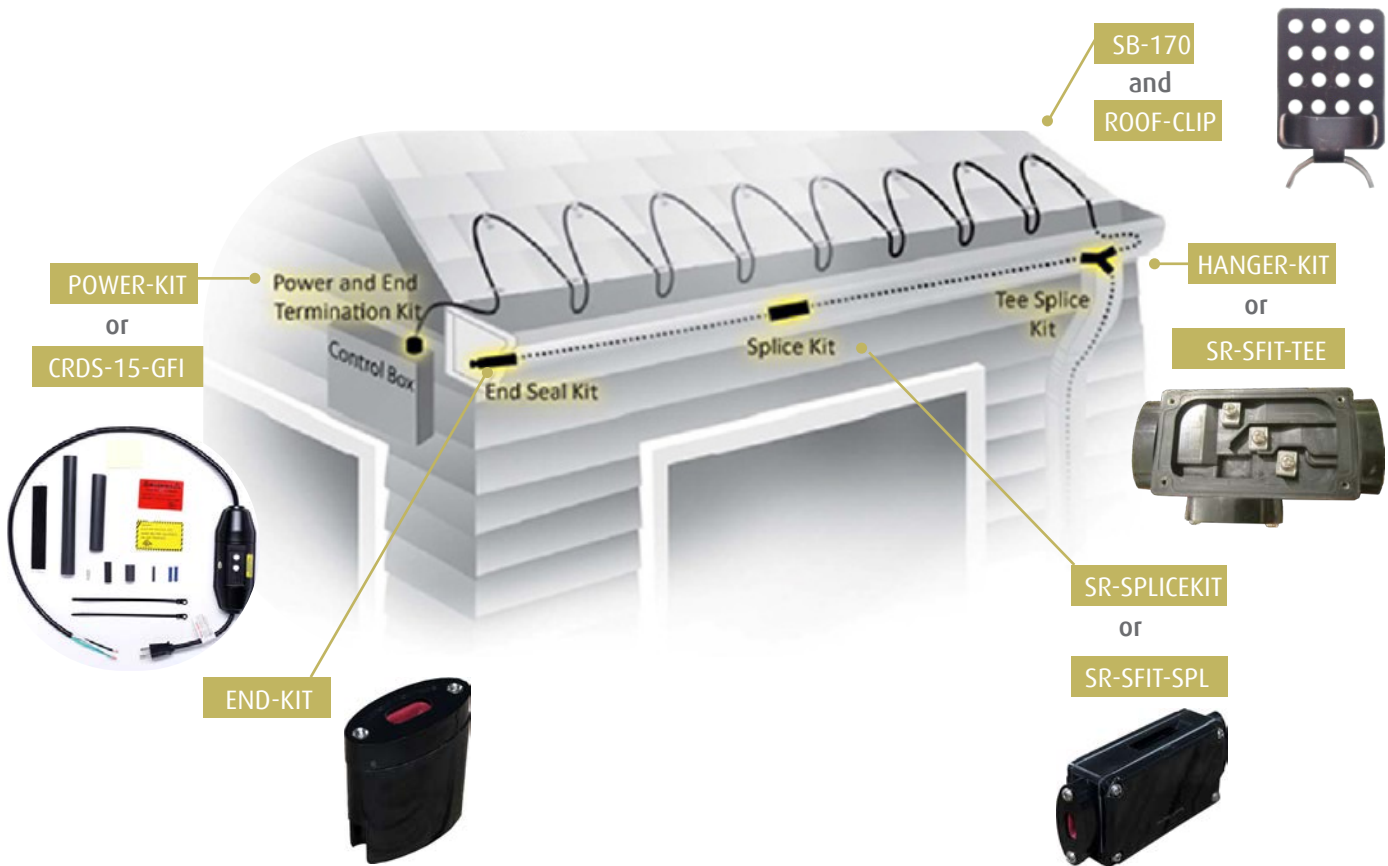
Code	Description	Canada	USA
ASE-DS8	Wall-mounted controller with built-in sensor and 1x30A capacity (240V). For Snow Melting.	\$969.00	\$775.00
ASE-DS9	Wall-mounted controller with built-in sensor and 2x30A capacity (240V). For Snow Melting.	\$1,032.00	\$825.00
RESIBOX-120	GFP protected 30A controller activates Snow Melting systems. Use with CIT, GIT and AirSense sensors.	\$2,643.00	\$2,115.00

Accessories

Code	Description	Canada	USA
HANGER-KIT	Downspout Hanger for Self-Regulating Cable and Roof/Gutter heaters.	\$27.00	\$21.00
POWER-KIT	Power Connection Kit for Self-Regulating Cable. Includes 2*warning labels and 1*END-KIT.	\$87.00	\$69.00
ROOF-CLIP	Metal single roof clips packaged and sold 50 per pkg. Secure to roof with screws or Everseal SB-190 adhesive or similar.	\$140.00	\$112.00
SB-170	Versatile adhesive to apply the Warmup ROOF-CLIP on a variety of roof structures. It is water and weather proof with a strength of 2,000 psi.	\$44.00	\$35.00
SR-SPLICEKIT	Splice/Tee Kit for Self-Regulating Cable.	\$57.00	\$45.00
END-KIT	End Seal Kit for Self-Regulating Cable.	\$29.00	\$22.50
CRDS-15-GFI	6ft lead with GFCI 3-prong molded plug, NEMA 5-15, 15 amp, 14/3.	\$111.00	\$88.50
SR-SFIT-BOX	Power connection junction box (6x6x3) with Pipe-Mounting Bracket for Self-Regulating connections.	\$275.00	\$220.50
SR-SFIT-SPL	In-line splicing box for fast and weathertight connections in the field.	\$87.00	\$69.00
SR-SFIT-TEE	3-Way T-splice box for fast and weathertight connections in the field.	\$94.00	\$75.00
NEW! SR-SFIT-PRO	Non-Strip field connection box (see more on page 65).	\$465.31	\$372.25
SR-ZT-100	Bag of 100 Heavy Duty Zip Ties. 7" long. For use with WSM, WODH and NAMSR cable series. 50lbs load bearing capacity.	\$24.00	\$19.00

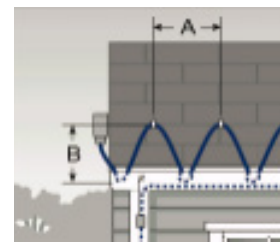
Roof and Gutter Heating Accessories

Innovative tools to get the job done right.



Calculating cable requirements

Roof Overhang	A	B	Spacing Factor
	(Heating Width)	(Heating Height)	
12'	2 ft	18"	2
24"	2 ft	30"	3
36"	2 ft	42"	4



Area	What to Measure	How to Calculate
Along Roof	Overhang (2) and length of roof (B)	B x Overhang multiplier
Dormer	Distance around dormer	Number of dormers x distance around dormers
Valley	Number of valleys	Number of valleys x 6 ft
Downspout	Number of downspouts and length of downspouts	Number of downspouts x length of downspouts x 2

Pipe Freeze Protection

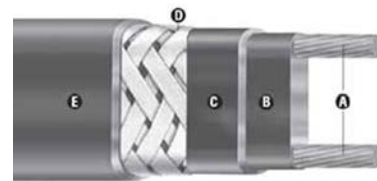
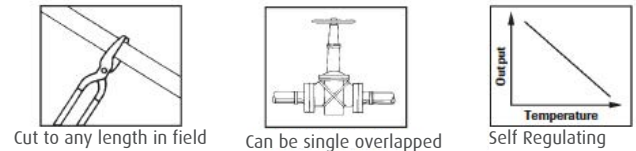
Self-regulating cable for indoor and outdoor applications

Available in cut-to-length spools or plug-in kits, the Warmup Cable is applicable on metal, PVC and ceramic pipes, sprinkler systems and sewer drains.

The nature of the Self-regulating Cable causes its output of 5 or 8 W/lin ft to vary automatically with the outside conditions, thereby guaranteeing the safeguard of ducts and pipes.

TECHNICAL SPECIFICATIONS

- Self-Regulating, Energy Efficient
- Output increases as temperature drops
- Commercial Grade, 16 AWG Buss Wire
- Approved for Wet and Dry locations
- Standard Braid with Overjacket
- Circuit lengths up to 540 feet
- 5 and 8 Watts per lin ft @ 50°F
- 120, 208-277 Volts available from stock



CONSTRUCTION

- A. Buss Wires
- B. Matrix
- C. Jacket
- D. Tinned Copper Braid
- E. Overjacket

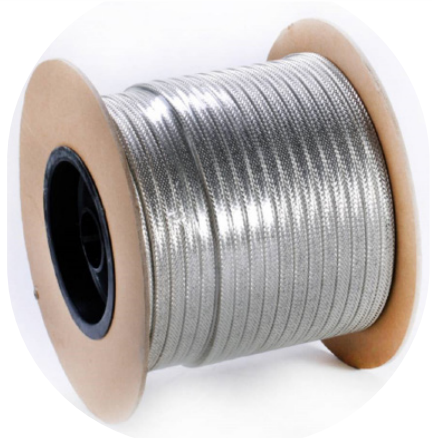




	Code	Description	Canada	USA
120V	SR-5W-1-250	Self-Regulated 16GA Cable, 120V, 5W/linear foot. Sold in 250' length spools.	\$2,033.00	\$1,767.50
	SR-5W-1-500	Self-Regulated 16GA Cable, 120V, 5W/linear foot. Sold in 500' length spools.	\$4,417.50	\$3,534.00
	SR-5W-1-1000	Self-Regulated 16GA Cable, 120V, 5W/linear foot. Sold in 1000' length spools.	\$8,129.00	\$7,068.50
120V	SR-8W-1-250	Self-Regulated 16GA Cable, 120V, 8W/linear foot. Sold in 250' length spools.	\$ 2,093.00	\$1,819.50
	SR-8W-1-500	Self-Regulated 16GA Cable, 120V, 8W/linear foot. Sold in 500' length spools.	\$4,417.50	\$3,534.00
	SR-8W-1-1000	Self-Regulated 16GA Cable, 120V, 8W/linear foot. Sold in 1000' length spools.	\$8,368.00	\$7,276.00
240V	SR-5W-2-250	Self-Regulated 16GA Cable, 240V, 5W/linear foot. Sold in 250' length spools.	\$2,208.75	\$1,767.00
	SR-5W-2-500	Self-Regulated 16GA Cable, 240V, 5W/linear foot. Sold in 500' length spools.	\$4,417.50	\$3,534.00
	SR-5W-2-1000	Self-Regulated 16GA Cable, 240V, 5W/linear foot. Sold in 1000' length spools.	\$8,368.00	\$7,068.00
	SR-8W-2-250	Self-Regulated 16GA Cable, 240V, 8W/linear foot. Sold in 250' length spools.	\$2,093.00	\$1,819.50
	SR-8W-2-500	Self-Regulated 16GA Cable, 240V, 8W/linear foot. Sold in 500' length spools.	\$4,417.50	\$3,534.00
	SR-8W-2-1000	Self-Regulated 16GA Cable, 240V, 8W/linear foot. Sold in 1000' length spools.	\$9,095.00	\$7,276.00
120V	SR-K6FT	Self Regulating Kit with Plug, 6ft	\$91.00	\$79.00
	SR-K12FT	Self Regulating Kit with Plug, 12ft	\$132.00	\$105.00
	SR-K18FT	Self Regulating Kit with Plug, 18ft	\$162.00	\$129.50
	SR-K24FT	Self Regulating Kit with Plug, 24ft	\$178.00	\$154.50
	SR-K50FT	Self Regulating Kit with Plug, 50ft	\$339.00	\$271.00
	SR-K75FT	Self Regulating Kit with Plug, 75ft	\$420.00	\$365.00
	SR-K100FT	Self Regulating Kit with Plug, 100ft	\$511.00	\$444.00

NEW!

Code	Description	Canada	USA
5HTM-C	250ft spool of unjacketed SR cable, 120V, 5W linear at 50F	\$773.75	\$619.00



FEATURES & BENEFITS

- Protect Indoor Pipes
- Safe Installation with CRDS-15-GFI

NEW!

Process Temperature Maintenance

Warmup's HZ trace heaters are designed for high process temperature maintenance applications up to 392° F (200 °C) and are suitable for a wide range of industrial applications. They are approved for use in non-hazardous and hazardous locations.

The materials used provides maximum protection for service in the harshest environments, including organic chemicals and corrosives in the oil, gas and petrochemical industry.

APPLICATIONS

- Freeze protection
- Heat tracing of instrumentation
- Pipes, vessel and tanks
- Chemical and petrochemical industries
- Oil and gas industries
- Food processing
- Tank bottom heating/frost heave protection of LNG and cryogenic terminal storage tanks
- Automotive

ADVANTAGES

- Maximum maintain temperature 248 °F
- Maximum exposure temperature 392 °F
- Self-regulating
- Various nominal outputs available
- May be cut to length in the field
- Moisture proof
- Highly resistant to chemicals and corrosive environments
- Approved for use in hazardous areas



Cables

Code	Description	Canada	USA
SR-10W-240-HZ	Process Temperature Cable, 10W/lin ft (240V) - sold per linear foot	\$27.00	\$21.00
SR-15W-240-HZ	Process Temperature Cable, 15W/lin ft (240V) - sold per linear foot	\$26.00	\$22.00
SR-20W-240-HZ	Process Temperature Cable, 20W/lin ft (240V) - sold per linear foot	\$29.00	\$23.00



Accessories

Code	Description	Canada	USA
POWER-PT-HZ	Power Connection Kit for Hazardous locations	\$390.63	\$312.50
POWER-PT	Power Connection Kit (PT cable, Non HAZ)	\$121.86	\$97.50
END-KIT-HZ	End Kit for PT cable (HAZ and non-HAZ locations)	\$30.94	\$24.75

NEW!

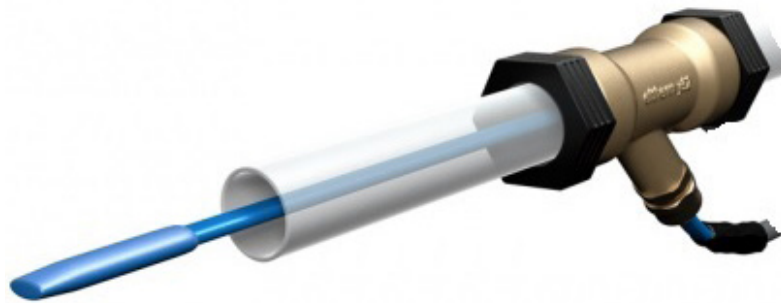
In-Pipe Applications

Warmup's PIP cable is a light self-regulating trace heater specifically designed and approved for heat tracing of potable water lines. It provides maximum performance in a most compact design and is optimized

for short heating circuits for the most economical operation. This versatile trace heater comes with an NSF compliant outer jacket for installation inside of potable water pipelines.

ADVANTAGES

- NSF compliant
- 120V
- Can be cut to length off the spool
- Moisture proof
- UV-resistant
- Small dimensions



Cable

Code	Description	Canada	USA
SR-3W-120-PIP	NSF Compliant cable for In-Pipe applications - sold per linear foot	\$11.56	\$9.25

Accessories

Code	Description	Canada	USA
END-KIT-PIP	Termination Kit for in-pipe applications	\$43.44	\$34.75
FIT-PIP	Brass Fitting 3/4" NPT Lead Free for Water Line Entry	\$92.19	\$73.75
POWER-PIP	Power Connection Kit for In-Pipe Cable	\$121.86	\$97.50



Pipe Heating Controls

A wide variety of control options to fit any size project.

NEW!



Controllers

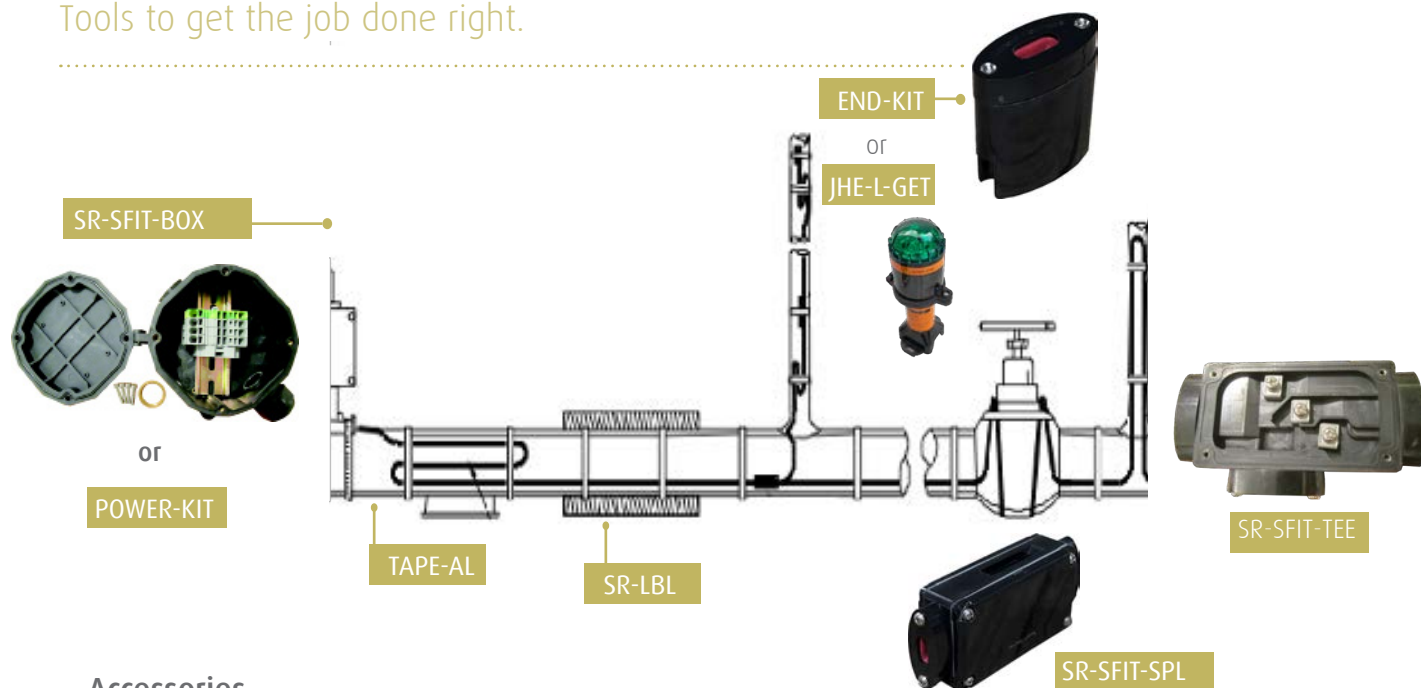
Code	Description	Canada	USA
ET-21	Simple thermostatic controller to activate at fixed temperature. Switch 16A @ 120V / 12A @ 240V.	\$28.75	\$23.00
TF115-005	Ambient temperature thermostatic control for Pipe Freeze Protection and Deicing applications. Can be set from 0F to 120F trigger point. Comes with 5ft bulb sensor. 25A (120/208/240V).	\$245.00	\$195.50
TRACE-2	"Plug and Play" controller and power panel for Heat Tracing cables on freeze protection and deicing applications.	\$1,861.00	\$1,489.00

	AMBIENT TEMPERATURE AT START-UP		120V				240v			
			15A	20A	30A	40A	15A	20A	30A	40A
SR-5W	50°F	10°C	230	270	270	270	460	540	540	540
	32°F	0°C	230	270	270	270	460	540	540	540
	14°F	-10°C	180	210	270	270	360	420	540	540
	0°F	-18°C	140	190	270	270	285	380	540	540
	-20°F	-29°C	125	165	250	270	250	330	500	540
	-40°F	-40°C	110	145	220	270	220	295	440	540
SR-8W	50°F	10°C	150	200	210	210	300	400	420	420
	32°F	0°C	150	200	210	210	300	400	420	420
	14°F	-10°C	140	150	205	210	280	300	410	420
	0°F	-18°C	100	130	200	210	200	265	400	420
	-20°F	-29°C	85	115	175	210	175	235	350	420
	-40°F	-40°C	80	105	155	210	155	210	315	420



Pipe Heating Accessories

Tools to get the job done right.



Accessories

Code	Description	Canada	USA
TAPE-AL	Aluminum Foil Tape for Self-Regulating Cable. Sold in 90ft roll.	\$27.00	\$21.00
SR-LBL	Pack of 10 warning labels	\$26.06	\$20.85
SR-ZT-100	Bag of 100 Heavy Duty Zip Ties. 7" long. For use with WSM, WODH and SR cable series. 50lbs load bearing capacity.	\$24.00	\$19.00
POWER-KIT	Power Connection Kit for Self-Regulating Cable. Includes 2*warning labels and 1*END-KIT.	\$87.00	\$69.00
SPLICE-KIT	Splice/Tee Kit for Self-Regulating Cable.	\$57.00	\$45.00
END-KIT	End Seal Kit for Self-Regulating Cable.	\$29.00	\$22.50
SR-SFIT-BOX	Power connection junction box (6x6x3) with Pipe-Mounting Bracket for Self-Reg connections.	\$275.00	\$220.50
SR-SFIT-SPL	In-line splicing box for fast and weathertight connections in the field.	\$87.00	\$69.00
SR-SFIT-TEE	3-Way T-splice box for fast and weathertight connections in the field.	\$94.00	\$75.00
NEW! JHE-LE-GET	Lit end cap for self regulating cable	\$28.75	\$23.00
NEW! SR-SFIT-PRO	Non-Strip field connection box (see below)	\$465.31	\$372.25

BENEFITS

- Quick-connect/T-splice up to three trace heaters
- Suitable for surface mounting or underneath insulation
- Rugged, water resistant, UV-resistant housing
- Secure screw-locked closing mechanism
- Integrated mounting brackets
- Temperature resistant to 100 °C



Here for you

Don't forget! From providing estimates to answering product questions and getting you the materials you need, the Warmup Customer Experience Team is there to help every step of the way.

Questions



Call or email us. We don't have a fancy answering service, but we have real friendly people. They'll answer your sales and technical questions or connect you with your local sales person right away!

In the USA: (888) 927-6333 / ussales@warmup.com or us@warmup.com

In Canada: (888) 592-7687 / ca@warmup.com

Online: www.warmupedia.warmup.com / www.youtube.com/user/WarmupInc

Quotes



You can submit a fax or email us with anything good enough to describe your project. From a set of blueprints to a few notes on a napkin, we've seen it all. Don't be shy, send it over.

We'll complete a detailed installation plan for you within 24 hours. Just let us know whether you want a quick price over the phone, or a detailed review of your project.

Orders



Email or fax us. We're never too busy to take your order. If it's your first time, we'll get you set-up same day and make sure your order is dispatched promptly. Please note that all orders need to be in writing.

FAX: (888) 927-4721

Policies, Simplified



Shipping is a standard \$25 + \$25 per large sku (DCM-PRO membrane, WIU, WIB)

Payment is due in full prior to credit approval.

Returns are allowed within 30 days with no penalty. After 30 days, returns are subject to a 20% restocking fee.

For complete general terms please see page 4.

Notes



Support

By Phone - 888.927.6333 (US) or 888.592.7687 (CAN)

Online - www.warmupedia.warmup.com

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