

backlit thermostats

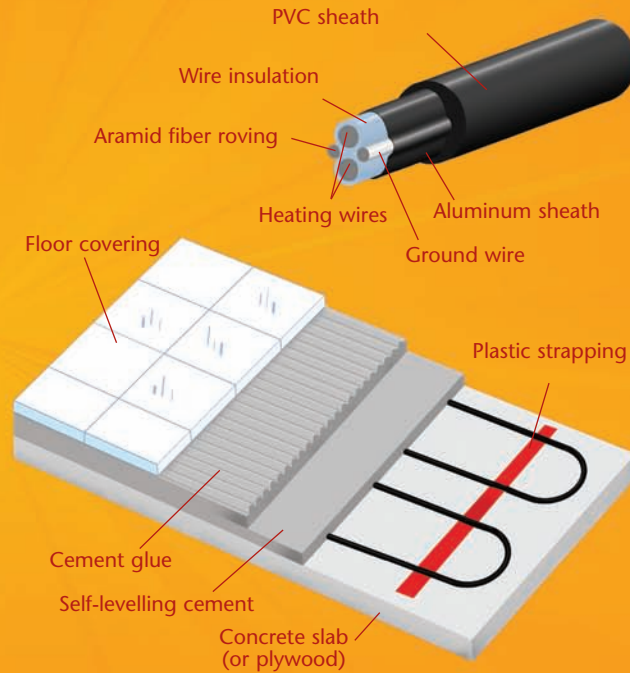
isometric view

specifications

The OTH700 and TH115 series electronic thermostats are specifically designed to regulate **Therma Cable** floor heating systems. They offer two temperature control modes and a PIA optimized microprocessor that regulates and maintains floor or room temperature within $\pm 0.5^{\circ}\text{C}$ (1°F) of the setpoint. Designed for maximum safety, they include a ground fault circuit interrupter (GFCI), which Ouellet strongly recommends for all rooms with heated floors.

Product #	Description	Amps	Volts	Protection
OTH702-GA**	Non programmable electronic thermostat for floor heating system	15	120	DDFT 5 mA*
OTH700-GA**			240/208	DDFT 5 mA*
OTH702-GB**			120	DDFT 15 mA*
OTH700-GB**			240/208	DDFT 15 mA*
OTH700-AF-12VDC**	Main non programmable thermostat	0.075	12VDC	-----
TH115-AF-120GA**	Programmable electronic thermostat for floor heating system	15	120	DDFT 5 mA*
TH115-AF-240GA**			240/208	DDFT 5 mA*
TH115-AF-120GB**			120	DDFT 15 mA*
TH115-AF-240GB**			240/208	DDFT 15 mA*
TH115-AF-12VDC**	Main programmable thermostat	0.075	12VDC	-----

* GFCI: Ground fault circuit interrupter
 ** 15' floor sensor included



Therma Cable

Floor Heating System



slave units

The CT230 series slave units are specially designed for large floor heating applications exceeding 15 Amps. They drive their own part of the floor and are also equipped with a ground fault circuit interrupter (GFCI). These modules, which are controlled by a main thermostat (see chart above), require only one thermostat to regulate large areas.

Product #	Description	Amps	Volts	Protection
CT230-120GA**	Slave unit for floor heating system	15	120	DDFT 5 mA*
CT230-240GA**			240/208	DDFT 5 mA*
CT230-120GB**			120	DDFT 15 mA*
CT230-240GB**			240/208	DDFT 15 mA*

* GFCI: Ground fault circuit interrupter
 ** Compatible with OTH700-AF-12VDC and TH115-AF-12VDC only

Distributed by:



180, 3^e Avenue, L'Islet (Québec) G0R 2C0 CANADA
 Phone: 1 800 463-7043 • (418) 247-3947
 Fax: 1 800 662-7801 • (418) 247-7801
 www.ouellet.com • info@ouellet.com



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Therma Cable 120V

Product # 120V	Length		Covered Surface** Spacing 3" (76 mm)		Covered Surface** Spacing 4" (102 mm)		Watts
	ft.	m	12W/sq. ft.	130W/sq. m	9W/sq. ft.	100W/sq. m	
OTR0082-G25	32	9.75	8	0.7	11	1.0	85
OTR0122-G25	40	12.19	10	0.9	13	1.2	120
OTR0152-G25	52	15.85	13	1.2	17	1.6	150
OTR0172-G25	60	18.29	15	1.4	20	1.9	170
OTR0242-G25	80	24.38	20	1.9	27	2.5	240
OTR0302-G25	100	30.48	25	2.3	33	3.1	300
OTR0362-G50	120	36.58	30	2.8	40	3.7	360
OTR0422-G50	140	42.67	35	3.3	47	4.3	420
OTR0472-G50	160	48.77	40	3.7	53	5.0	475
OTR0602-G75	200	60.96	50	4.6	67	6.2	600
OTR0722-G75	240	73.15	60	5.6	80	7.4	720
OTR0842-G75	280	85.34	70	6.5	93	8.7	840
OTR0962-G75	320	97.54	80	7.4	107	9.9	960

13' 6" cold lead included

Therma Cable 240V/208V

Product # 240V/208V	Length		Covered Surface** Spacing 3" (76 mm)		Covered Surface** Spacing 4" (102 mm)		Watts
	ft.	m	12W/sq. ft.	130W/sq. m	9W/sq. ft.	100W/sq. m	
OTR0170-G25	60	18.29	15	1.4	20	1.9	170
OTR0240-G25	80	24.38	20	1.9	27	2.5	240
OTR0300-G25	100	30.48	25	2.3	33	3.1	300
OTR0360-G50	120	36.58	30	2.8	40	3.7	360
OTR0420-G50	140	42.67	35	3.3	47	4.3	420
OTR0475-G50	160	48.77	40	3.7	53	5.0	475
OTR0600-G75	200	60.96	50	4.6	67	6.2	600
OTR0720-G75	240	73.15	60	5.6	80	7.4	720
OTR0840-G75	280	85.34	70	6.5	93	8.7	840
OTR0960-G75	320	97.54	80	7.4	107	9.9	960
OTR1080-G100	360	109.73	90	8.4	120	11.2	1080
OTR1200-G100	400	121.92	100	9.3	133	12.4	1200
OTR1440-G125	480	146.30	120	11.2	160	14.9	1440
OTR1600-G125	560	170.69	140	13.0	187	17.4	1600
OTR1920-G150	640	195.07	160	14.8	213	19.8	1920

208V = 75% of wattage at 240V
 13' 6" cold lead included

* The length of plastic strapping included is based on a square room with strapping every 24" (610 mm).
 Example: OTR0170-G25 includes 25 ft. of plastic strapping.

** Does not represent the surface of the room but rather the surface covered by the floor heating system, excluding fixtures and other spaces to consider.

Designed and printed in Canada, Edition 09/2009.

installer benefits

Plastic strapping included with Therma Cable

- Allows 3" (12W/sq. ft.) and 4" (9W/sq. ft.) installation
- 16" strapping meets North American construction standards and can easily be cut to length as needed
- Simple and fast strapping interlocking technique
- Perfect for small areas and rooms with curves or angles

ALL-IN-ONE heating cable


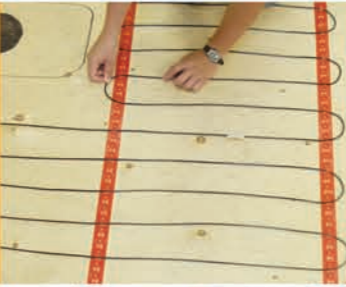








- A single cold lead connection to thermostat
- Three-wire cable (twin conductor cable, plus ground) with a protective PVC sheath

Tough, even when exposed after installation!

- Stable and resistant
- Lets you continue working (soft rubber soles)

installation steps

consumer benefits

<p>1 Assemble required materials</p>		<p>6 Install Therma Cable.</p> <p>When installed, test the integrity of the cable and record the readings on the measurement table.</p>	
<p>2 Clean the subfloor and mark the work site.</p>		<p>7 Install floor temperature sensor.</p>	
<p>3 Test the integrity of the cable. Carefully read the installation guide prior to installing the heating cable.</p>		<p>8 Spread self-levelling cement and allow to dry. Floor covering may now be installed. Test the integrity of the cable before and after embedding the heating cable in cement and record the readings on the measurement table.</p>	
<p>4 Install strapping.</p>		<p>9 When connecting the system to the thermostat, test the integrity of the cable and record the readings on the measurement table.</p>	
<p>5 Make a groove to hold the cold lead connection with the heating cable.</p>		<p>10 Before turning on the Therma Cable floor heating system, make sure all construction materials are well cured (check manufacturer instructions).</p>	

- Compatible with ceramic, stone tiles, marble and granite (For other floor coverings, check that floor warming systems are recommended and accepted by the floor covering manufacturer)
- Maximizes comfort and energy efficiency (12W/sq. ft.)
- Provides enveloping warmth as well as comfortable, constant floor temperature, year round
- Can be used to enhance comfort or as a primary room heating source
- Is invisible and completely silent
- Does not produce dust, dry the air, or create drafts
- Maintains your comfort with a lower room temperature thanks to the radiant effect
- Facilitates design and decoration by ensuring uncluttered surfaces
- Requires no maintenance
- Adds value to your home
- Produces negligible magnetic field

let's get started!

In a few easy steps!

- 1) Sketch the room plan with accurate measurements and location of fixed elements (bath, cabinet, closet, etc.) or complete the Ouellet room layout form. Forward the sketch via our tool-free fax line to 1 800 622-7801 or send an email to info@ouellet.com.
- 2) Our team of specialists will calculate project dimensions to determine the Therma Cable products required.
- 3) Within 48 business hours we will forward you a project estimate.
- 4) We will provide the master electrician with courteous technical support throughout the installation process.

the comfort of radiant heating

The **Therma Cable** floor heating system provides comfort and well-being through radiant heating. By heating the floor itself instead of the surrounding air, the system provides indirect heat that radiates from the floor up and is absorbed by surrounding objects, warming the entire room. As an integrated heating system, **Therma Cable** produces enveloping heat that is also clean, cost-effective, uniform, and constant.

Whether it is used for additional comfort or as a primary heat source, **Therma Cable** is a safe and "green" heating solution that harnesses the benefits of radiant heating, a process that occurs naturally in nature and has long been under-utilized in the industry.

NEVER cut or shorten the heating cable!