



Floor Warming and Heating Systems



SPREAD THE WARMTH

Catalogue
Effective March 2010

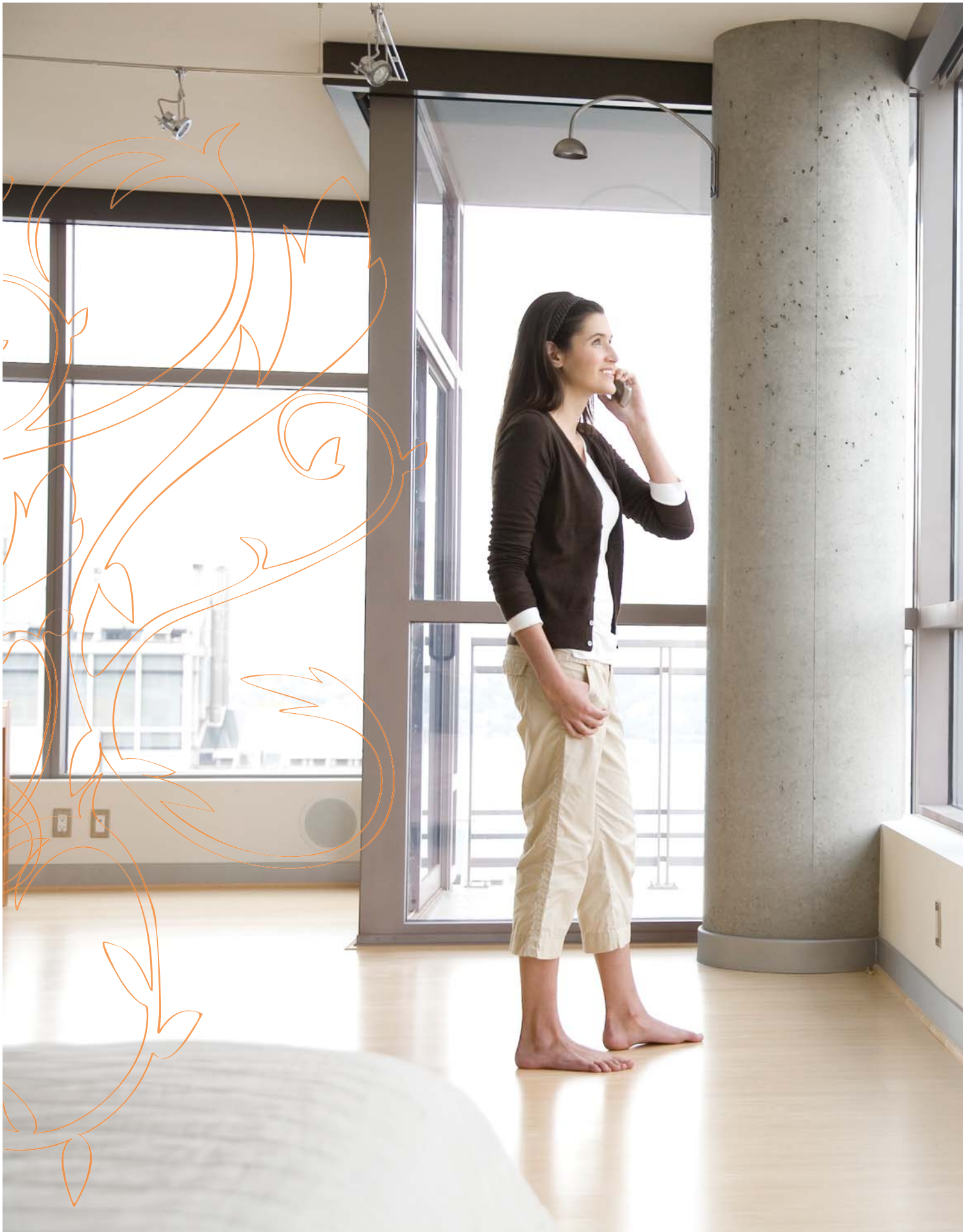




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SPREAD THE WARMTH

FLEXTHERM drew inspiration from nature to design and develop its electric radiant heating technology. Just as the sun heats the surface of the Earth, rocks, buildings and anything else touched by its rays, FLEXTHERM systems release soft, enveloping heat that spreads to the elements of your living space.

Electric radiant heat involves heating solid masses rather than the air. After absorbing this energy, floors, walls, furniture and objects redistribute the heat throughout the room, creating a feeling of comfort far superior to that of traditional heating methods, such as baseboard heaters, wall radiators and forced-air systems.

By transferring the heat from warm to cold surfaces, floor heating systems deliver an even heat to the entire room, reducing unpleasant differences in temperature. The air feels warm, yet fresh and pleasant.

Unparalleled versatility and features

FLEXTHERM electric radiant heating systems are highly versatile. They are suited to any room (kitchen, bathroom, living room, bedroom, office, basement, solarium, garage, etc.) and any type of building: residential, commercial or institutional, a new construction or a renovation.

FLEXTHERM floor heating systems undergo rigorous quality control testing at every stage of production and have many indisputable qualities:

- they are energy efficient, delivering significant savings
- they have no electromagnetic field,* so there is no health risk for people young or old
- they do not overheat the air nor spread dust or germs
- they are compatible with most floor coverings: ceramic, natural stone, linoleum, floating floors, engineered wood and others
- they offer unlimited decorating possibilities – you can lay out a room however you want because there are no visible parts
- they require no maintenance

* Based on the installation instructions included in the FLEXTHERM installation guide, the recorded EMF measurement is considered insignificant (between 0.25 mG and 0.5 mG).

An energy efficient choice

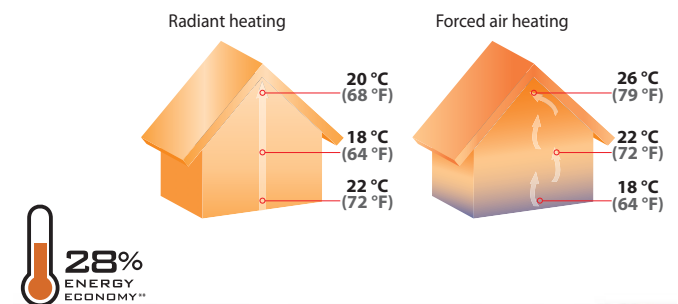
For FLEXTHERM, developing technologies and marketing products that respect people and the environment is essential. By developing systems that are increasingly effective, long-lasting, economical and healthy, FLEXTHERM has demonstrated that you can increase well-being and comfort, while preserving nature's vitality.

Traditional heating systems heat the air, which rises naturally to the ceiling, where it accumulates. Because the warm air is drawn toward the ceiling, the floor remains cold. For the heat to be felt, the space needs to be heated to a higher temperature, which overheats the room and dries the air, increasing energy consumption in the process.

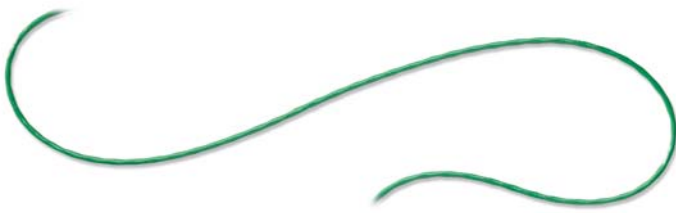
FLEXTHERM electric radiant heating systems take a different approach. They do not heat the air, but instead use the solid mass of the floor and furniture to transfer heat. This means that you can lower the temperature of a room by 5 °C and remain just as comfortable.* You feel warm, even though the air is cool. Installing a FLEXTHERM floor heating system can reduce energy consumption by up to 28%.** Saving money and protecting the environment without compromising on comfort: what could be better!

* Source: ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers)

** Source: ASHRAE – In rooms heated with the FLEXTHERM floor heating system.



Green Cable™ Surface



Outstanding flexibility

The Green Cable™ Surface 2W and 3W offers the ultimate in comfort no matter what the room or its dimensions, because it conforms to any shape. Designed for dry and wet environments, it is compatible with most floor coverings and is easy to install thanks to the Universal Snap-in Gages™. Its design does not require returning the cable to the thermostat and produces maximum heating power along its entire surface.

Green Cable Surface 2W

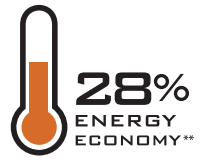
Optimizes the radiant heat and ensures that it spreads evenly over all installation surfaces and under all floor coverings due to its 5 cm or 7.6 cm (2 in or 3 in) spacing.

Green Cable Surface 3W

For larger rooms with natural stone or ceramic floors, whose plywood or concrete subfloor guarantees better heat conduction.

Benefits of the Green Cable Surface 2W or 3W

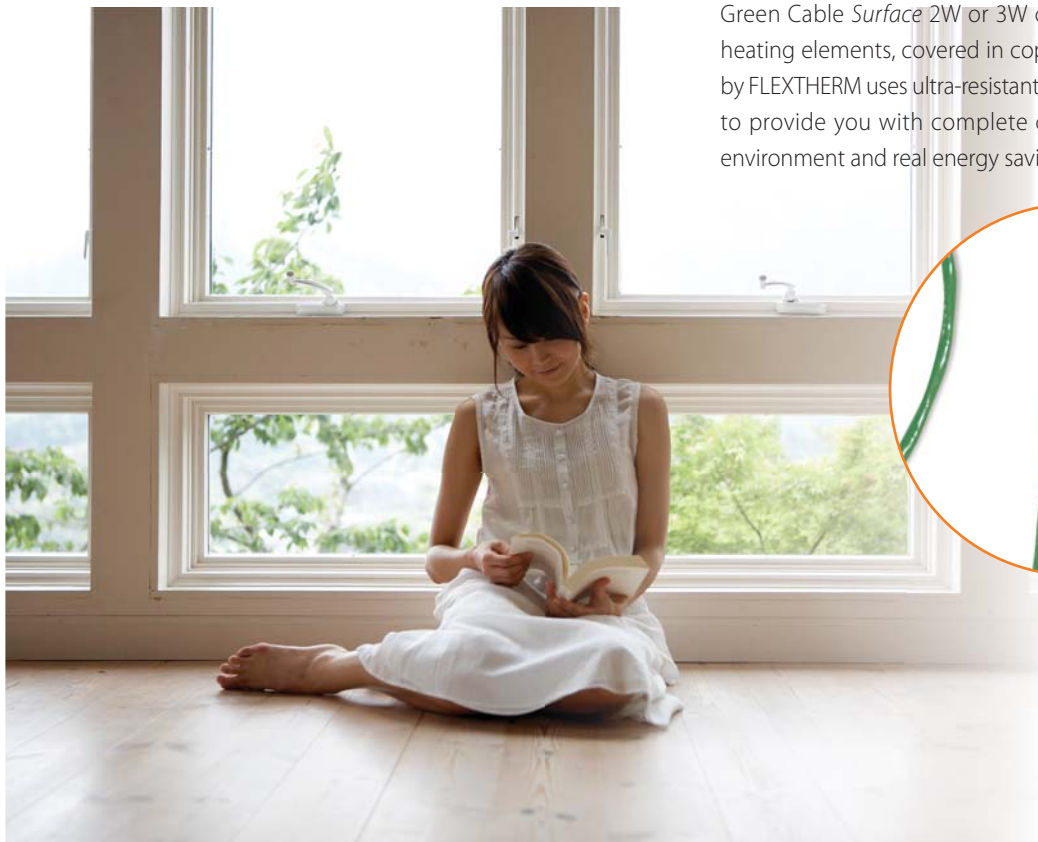
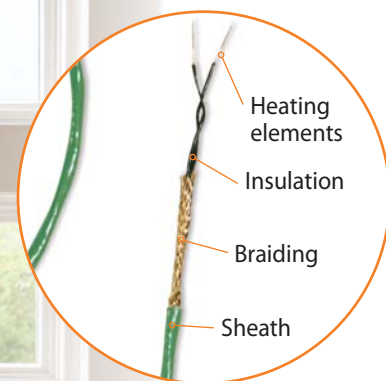
- Compatible with most floor coverings
- Fits all room shapes and sizes
- EMF-free (electromagnetic field)*
- Does not dry the air nor spread dust and germs
- Requires no maintenance
- Easy installation: no return to the thermostat
- Robust mechanical joint system
- Universal Snap-in Gages
- Small diameter cable that reduces the quantity of mortar or self-levelling underlayment required for glazing
- Strong and reliable copolymer jacket
- Designed for installation in a wet environment (make sure that the installation complies with the local or regional electrical code)
- Manufactured entirely at the FLEXTHERM plant, with end-to-end quality control
- CSA approved (Canada and the US)
- 25 year limited warranty



* Based on the installation instructions included in the FLEXTHERM installation guide, the recorded EMF measurement is considered insignificant (between 0.25 mg and 0.5 mg).
** In rooms heated with the FLEXTHERM floor heating system.

Unique in its design and comfort

Green Cable Surface 2W or 3W consists of two twisted and paired heating elements, covered in copolymer. This innovation developed by FLEXTHERM uses ultra-resistant and high-performance components to provide you with complete comfort, peace of mind, a healthy environment and real energy savings.



System and installation recommendations suited to your needs

By starting from the centre and answering three simple questions, the diagram will guide you to the best heating system for your floor heating project.

As easy as 1, 2, 3!

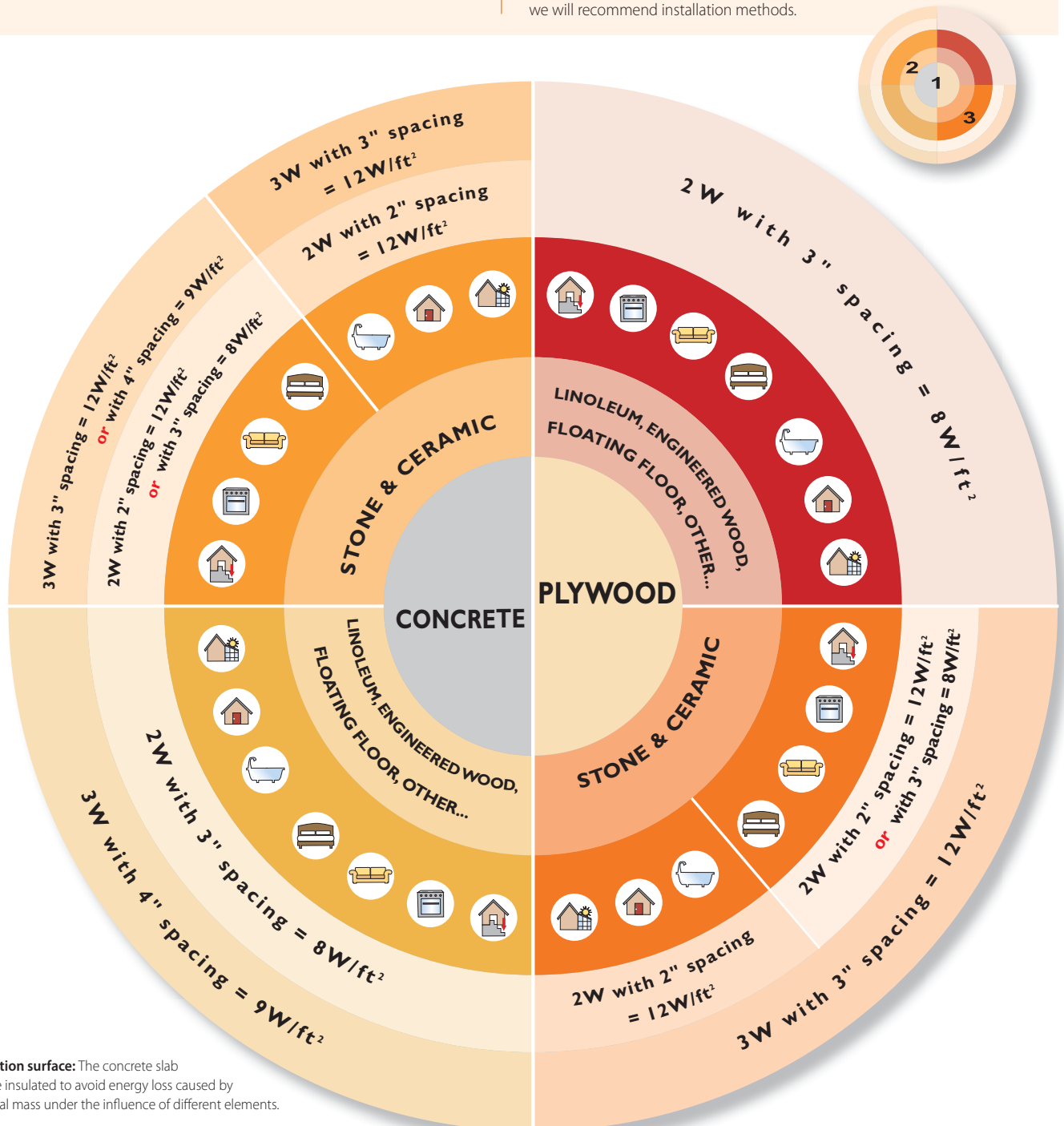
This 2W and 3W diagram is designed to help you choose the right Green Cable™ Surface for your project.

- 1) **Installation surface:** On what surface will the heating cable be installed (plywood or concrete)?
- 2) **Floor covering:** What floor covering will you use for your project?

3) Type of room:



Recommended installation method: After you go through steps 1, 2 and 3, we will recommend installation methods.



Installation surface: The concrete slab must be insulated to avoid energy loss caused by a thermal mass under the influence of different elements.

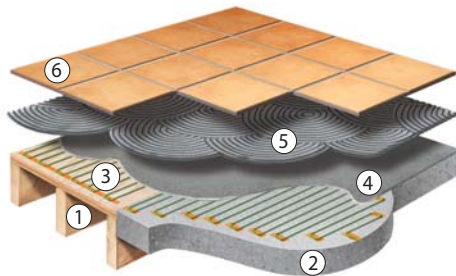
Floor covering: Always check with the manufacturer whether a floor covering is compatible with floor heating systems.

* **Solarium:** Depending on your solarium's insulation and your geographical location, a secondary heating system may be recommended for greater comfort.

Floor coverings

The type of floor covering also has an influence on the choice of system output. Output of 129 W/m² (12 W/ft²) is reserved for ceramic and natural stone; 86 W/m² (8 W/ft²) lets you choose almost any floor covering. See for yourself!

- ① Wood structure
- ② Concrete structure
- ③ FLEXTHERM floor heating system
- ④ Mortar or self-levelling cement
- ⑤ Adhesive
- ⑥ Floor covering



Customized comfort

A perfect fit for any surface, the Green Cable Surface 2W or 3W is available in a range of lengths and with an output of 120 volts or 240 volts. It is also available in 208 volts by special order. (Minimum quantity required.)

All kits include the cable, gauges, hot glue sticks and an installation guide.



Compatibility of the Green Cable Surface with installation surfaces and floor coverings

Green Cable Surface 2W								
Installation surface	Floor covering							
	Ceramic	Natural stone	Engineered wood ²	Vinyl ²	Floating floor ²	Linoleum ²	Parquet ²	Carpet ² (without rubber backing or carpet padding)
Plywood	5 cm	5 cm	7.6 cm	7.6 cm	7.6 cm	7.6 cm	7.6 cm	
Smooth concrete ¹	5 cm	5 cm	7.6 cm	7.6 cm	7.6 cm	7.6 cm	7.6 cm	7.6 cm
Concrete panels	5 cm	5 cm	7.6 cm	7.6 cm	7.6 cm	7.6 cm	7.6 cm	
Ceramic	5 cm	5 cm	7.6 cm	7.6 cm	7.6 cm	7.6 cm	7.6 cm	
Acoustic membrane	5 cm	5 cm	7.6 cm	7.6 cm	7.6 cm	7.6 cm	7.6 cm	
Anti-fracture membrane	5 cm	5 cm	7.6 cm	7.6 cm	7.6 cm	7.6 cm	7.6 cm	
Scratch coat	5 cm	5 cm	7.6 cm	7.6 cm	7.6 cm	7.6 cm	7.6 cm	
Mortar bed ¹	5 cm	5 cm						


5 cm (2 in) spacing – 129 W/m² (12 W/ft²)

7.6 cm (3 in) spacing – 86 W/m² (8 W/ft²)

¹ The concrete slab (or mortar bed) must be insulated to avoid heat loss from below. FLEXTHERM also recommends that all rooms supported by the concrete slab be equipped with a FLEXTHERM floor heating system to avoid perimeter heat loss.

² For floor coverings other than ceramic and natural stone, always check with the manufacturer whether its floor covering is compatible with floor heating systems.

Green Cable Surface 3W

Installation surface	Floor covering							
	Ceramic	Natural stone	Engineered wood ²	Vinyl ²	Floating floor ²	Linoleum ²	Parquet ²	Carpet ² (without rubber backing or carpet padding)
Plywood								
Smooth concrete ¹								
Concrete panels								
Ceramic								
Acoustic membrane								
Anti-fracture membrane								
Scratch coat								
Mortar bed ¹								



7.6 cm (3 in) spacing – 129 W/m² (12 W/ft²)





10 cm (4 in) spacing – 97 W/m² (9 W/ft²)

¹ The concrete slab (or mortar bed) must be insulated to avoid heat loss from below. FLEXTHERM also recommends that all rooms supported by the concrete slab be equipped with a FLEXTHERM floor heating system to avoid perimeter heat loss.

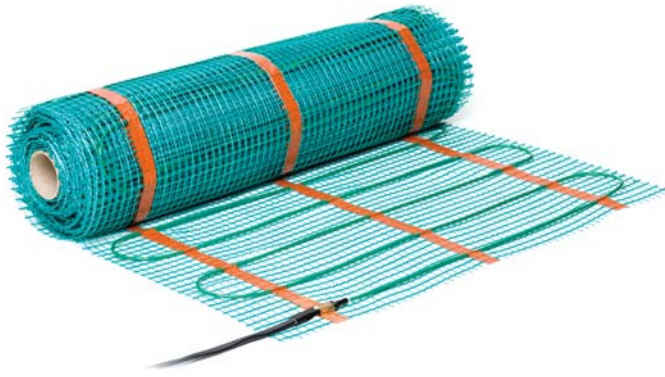
² For floor coverings other than ceramic and natural stone, always check with the manufacturer whether its floor covering is compatible with floor heating systems.

Electrical characteristics

	Green Cable Surface 2W	Green Cable Surface 3W
Standard voltage	120 and 240 volts (208 volts available upon request)	120 and 240 volts (208 volts available upon request)
Output	6.6 W/linear m (2 W/linear ft)	9.9 W/linear m (3 W/linear ft)
Output by type of installation	5 cm (2 in) spacing – 129 W/m ² (12 W/ft ²) 7.6 cm (3 in) spacing – 86 W/m ² (8 W/ft ²)	7.6 cm (3 in) spacing – 129 W/m ² (12 W/ft ²) 10 cm (4 in) spacing – 97 W/m ² (9 W/ft ²)
Connection to the thermostat	Easy installation: a single cold lead is connected to the thermostat (return feed on the same cable)	Easy installation: a single cold lead is connected to the thermostat (return feed on the same cable)
Cold lead	3 m (10 ft) Two conductors and grounding	3 m (10 ft) Two conductors and grounding
Certification	CSA Canada: series type 1B and 2D space heating CSA US: series type C space heating Dry and wet environments	CSA Canada: series type 1B and 2D space heating CSA US: series type C space heating Dry and wet environments
No significant electromagnetic field emission*		

* Based on the installation instructions included in the FLEXTHERM installation guide, the recorded EMF measurement is considered insignificant (between 0.25 mG and 0.5 mG).

GreenCableMAT

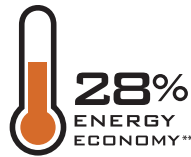


Comfort, squared

The Green Cable™ *Mat* is perfect for square or rectangular rooms with no obstacles. It consists of a 3W cable with 7.6 cm (3 in) spacing on a self-adhesive substrate. Green Cable *Mat* is designed for installation under ceramic and natural stone flooring and can be used as a room's main or secondary heat source.

Benefits of the Green Cable *Mat*

- Self-adhesive backing for easy installation
- Simplified installation: no return to the thermostat
- Solid mechanical joint for quick installation and durability
- Strong and reliable copolymer jacket
- Compatible with ceramic and natural stone coverings
- EMF-free (electromagnetic field)*
- Does not dry the air nor spread dust or germs
- No maintenance required
- CSA approved (Canada and the US)
- Designed for installation in a wet environment (make sure that the installation complies with the local or regional electrical code)
- Manufactured entirely at the FLEXTHERM plant, with end-to-end quality control
- 25 year limited warranty

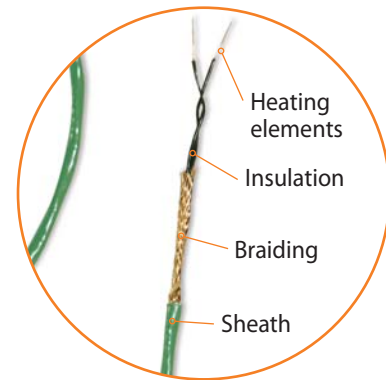


* Based on the installation instructions included in the FLEXTHERM installation guide, the recorded EMF measurement is considered insignificant (between 0.25 mg and 0.5 mg).

** In rooms heated with a FLEXTHERM floor heating system.

Comfort that's quick to install

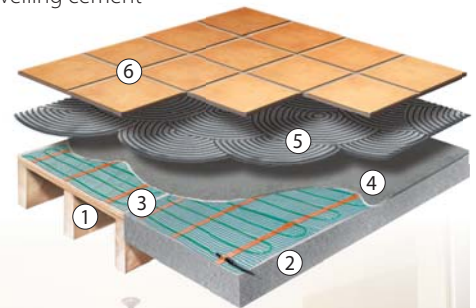
Integrated into the Green Cable *Mat*, the 3W heating cable consists of two twisted and paired heating elements, covered in copolymer. This innovation developed by FLEXTHERM uses ultra-resistant and high-performance components to provide you with complete comfort, peace of mind, a healthy environment and real energy savings.



Floor coverings

The type of floor covering also has an influence on the choice of system output. Output of 129 W/m² (12 W/ft²) is reserved for ceramic and natural stone.

- ① Wood structure
- ② Concrete structure
- ③ FLEXTHERM floor heating system
- ④ Mortar or self-levelling cement
- ⑤ Adhesive
- ⑥ Floor covering



Compatibility of the Green Cable *Mat* with installation surfaces and floor coverings

Green Cable <i>Mat</i>		
	Floor covering	
Installation surface	Ceramic	Natural stone
Plywood	✓	✓
Smooth concrete ¹	✓	✓
Concrete panels	✓	✓
Ceramic	✓	✓
Acoustic membrane	✓	✓
Anti-fracture membrane	✓	✓
Scratch coat	✓	✓
Mortar bed ¹	✓	✓

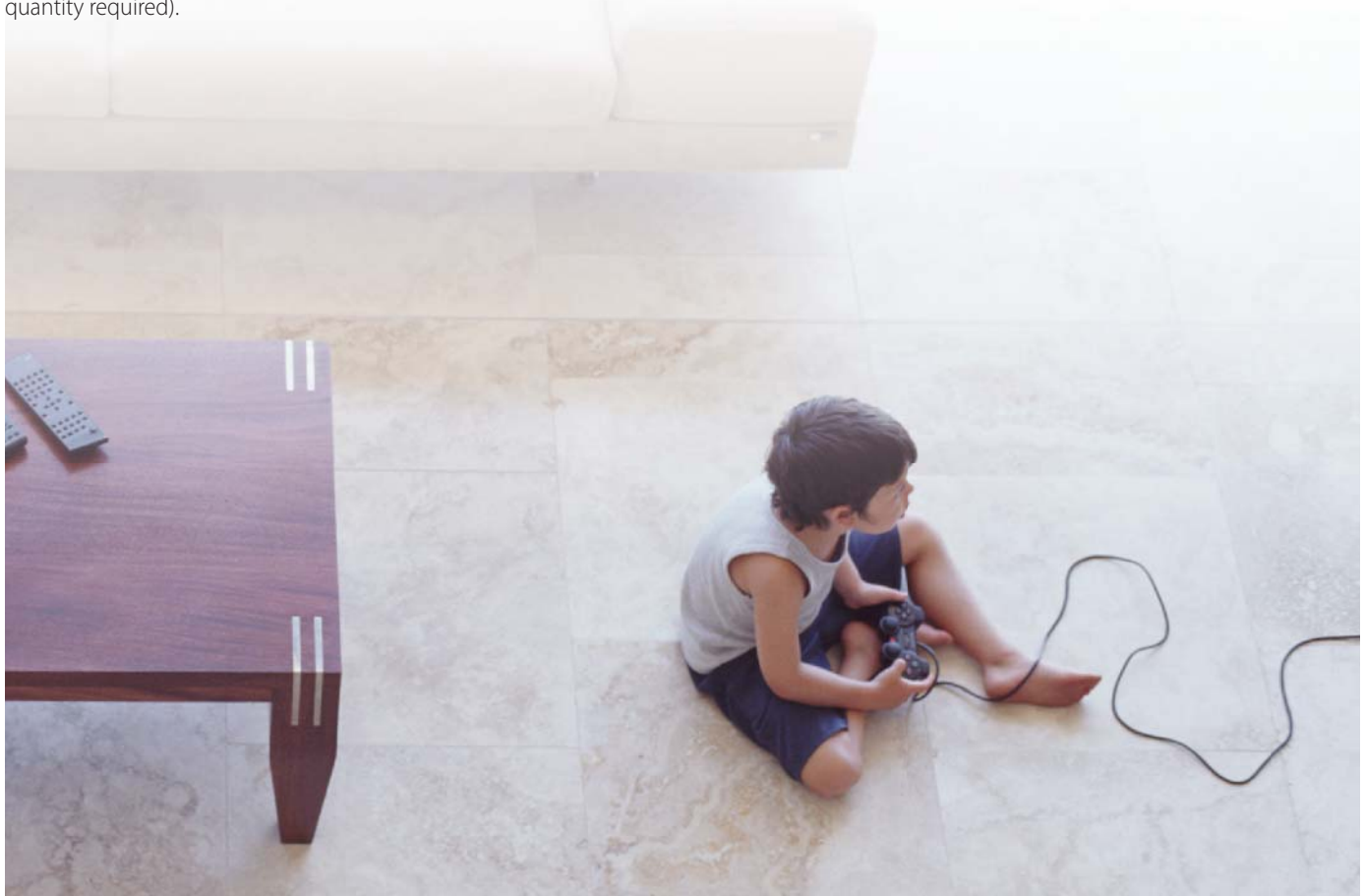
¹ The concrete slab (or mortar bed) must be insulated to avoid heat loss from below. FLEXTHERM also recommends that all rooms supported by the concrete slab be equipped with a FLEXTHERM floor heating system to avoid perimeter heat loss.

A warm mat

The Green Cable *Mat* has a standard width of 61 cm (24 in) and is available in a variety of lengths and with an output of 120 volts or 240 volts. It is also available in 208 volts on special order (minimum quantity required).

Electrical characteristics	
Standard voltage	120 and 240 volts (208 volts available upon request)
Output	129 W/m ² (12 W/ft ²)
Connection to thermostat	Simple installation: a single cold lead is connected to the thermostat (return feed on the same cable)
Cold lead	2.1 m (7 ft) Two conductors and grounding
Certification	CSA Canada: series type 1B and 2D space heating CSA US: series type C space heating Dry and wet environments
No significant electromagnetic field emission*	✓

* Based on the installation instructions included in the FLEXTHERM installation guide, the recorded EMF measurement is considered insignificant (between 0.25 mG and 0.5 mG).



Green Cable™ Concrete

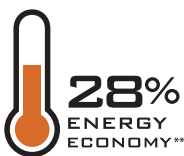


Concrete results

Installed in the concrete slab during a building's construction, the Green Cable™ Concrete provides the ultimate in uniform comfort and generates major energy savings. This heating cable uses the concrete slab to spread heat more evenly for a longer period of time, with reduced heat loss. Its rapid, uniform anchoring system is easy to install.

Benefits of the Green Cable Concrete

- ▮ Designed specifically to be buried in concrete
- ▮ No surface preparation or maintenance cost
- ▮ Increased thermal mass effect and heat is spread more evenly due to the exceptional conductivity of the concrete mass
- ▮ Compatible with most floor coverings
- ▮ Easy installation: no return to the thermostat
- ▮ Simple, fast installation thanks to the uniform anchoring system
- ▮ Brightly coloured product makes it easier to install at the construction site
- ▮ EMF-free* (electromagnetic field)
- ▮ Designed for installation in a wet environment (make sure that the installation complies with the local or regional electrical code)
- ▮ 10 year limited warranty

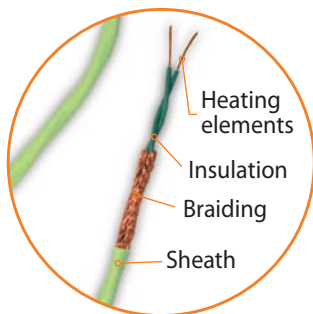


* Based on the installation instructions included in the FLEXTHERM installation guide, the recorded EMF measurement is considered insignificant (between 0.25 mG and 0.5 mG).

** In rooms heated with a FLEXTHERM floor heating system.

Steadfast, lasting comfort

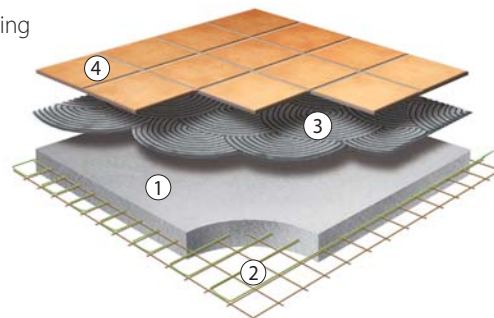
The Green Cable Concrete consists of two paired and twisted heating elements covered in copolymer. This innovation developed by FLEXTHERM uses ultra-resistant and high performance components to provide you with complete comfort, peace of mind, a healthy environment and real energy savings.



Floor coverings

The type of floor covering also has an influence on the choice of system output. Output of 161 W/m² (15 W/ft²) is reserved for ceramic and natural stone; 108 W/m² (10 W/ft²) lets you choose almost any floor covering. See for yourself!

- ① Concrete structure
- ② FLEXTHERM floor heating system (secured to the mesh)
- ③ Adhesive
- ④ Floor covering



Compatibility of the Green Cable Concrete with floor coverings

Green Cable Concrete		
Floor covering	Spacing/Power	
	10 cm (4 in) 161 W/m ² (15 W/ft ²)	15 cm (6 in) 108 W/m ² (10 W/ft ²)
Ceramic	✓	✓
Natural stone	✓	✓
Engineered wood ¹		✓
Vinyl ¹		✓
Floating floor ¹		✓
Linoleum ¹		✓
Parquet ¹		✓
Carpet ¹ (without rubber backing or carpet padding)		✓

¹ For floor coverings other than ceramic and natural stone, always check with the manufacturer of the floor covering first, to make sure its product is compatible with FLEXTHERM floor heating systems.

Installation surfaces

Concrete slab ¹	✓
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¹ The concrete slab (or mortar bed) must be insulated to avoid heat loss from below. FLEXTHERM also recommends that all rooms supported by the concrete slab be equipped with a FLEXTHERM floor heating system to avoid perimeter heat loss.

Electrical characteristics	
Standard voltage	240 volts (208 volts available upon request)
Output	16.4 W/linear m (5 W/linear ft)
Output by type of installation	10 cm (4 in) spacing: 161 W/m ² (15 W/ft ²) 15 cm (6 in) spacing: 108 W/m ² (10 W/ft ²)
Connection to thermostat	Simple installation: a single cold lead is connected to the thermostat (return feed on the same cable)
Certification	CSA Canada: series type 1B and 2D space heating CSA US: series type C space heating Dry and wet environments
No significant electromagnetic field emission*	✓

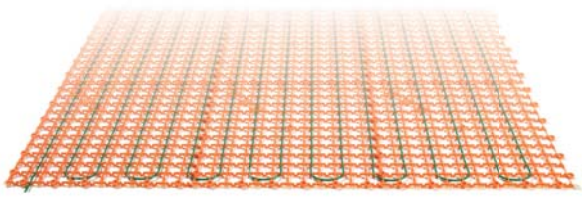
* Based on the installation instructions included in the FLEXTHERM installation guide, the recorded EMF measurement is considered insignificant (between 0.25 mG and 0.5 mG).

Invisible, but nothing to hide!

The Green Cable Concrete is offered in a wide range of sizes, and all kits include the cable and FLEXTHERM adhesive tape rolls. The Green Cable Concrete is also available in 208 volts on special order. (Minimum order required.)



FLEXSnap™



Installation at the speed of FLEXTHERM!

The new FLEXSnap™ installation system is the perfect complement to the Green Cable™ Surface. Thanks to this revolutionary FLEXTHERM mesh, all it takes is a few simple steps to install the floor heating system and lay the ceramic tiles. With FLEXSnap, it only takes one day to install an entire room. It's a lot faster and more economical than the traditional method!



1 Lay the FLEXSnap mesh and secure to the floor



2 Install the Green Cable Surface with the FLEXGlide tool

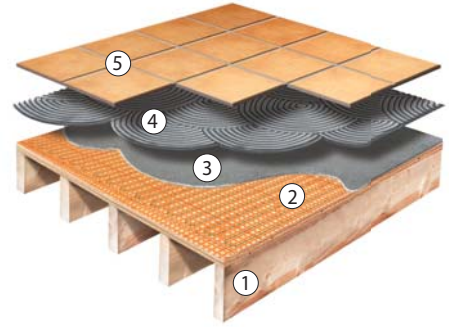


3 Glaze and lay the tiles in just one step!



Floor coverings

- ① Wood structure
- ② FLEXSnap mesh and FLEXTHERM floor heating system
- ③ Mortar
- ④ Adhesive
- ⑤ Floor covering

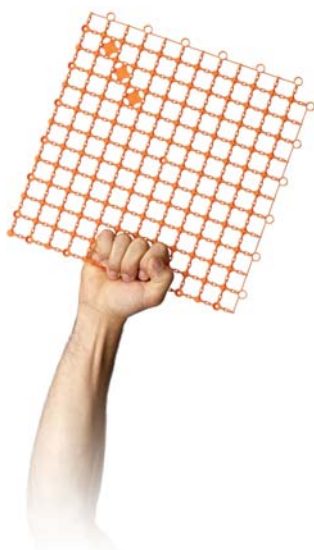


Benefits of the FLEXSnap system

- Single-day installation (grout is the only thing left to do)
- No need to double the plywood in the floor's structure (tested by the Tile Council of North America and rated "Extra Heavy")
- The FLEXGlide tool lets you install the heating cable while standing
- The cable is protected throughout the installation from damage caused by heavy objects
- More uniform surface heat due to a larger thermal mass
- Reinforces the floor's structure, thereby diminishing perceived vibrations
- Allows for a more uniform transition between a tiled, heated floor and an adjacent natural hardwood floor
- 5 year limited warranty



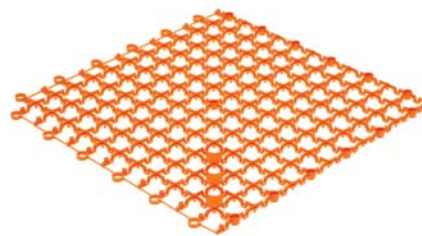
A revolutionary system



FLEX*Snap* is the most important breakthrough in the world of floor heating systems since FLEXTHERM launched its electrical floor heating system in 1992. The FLEX*Snap* system is compatible with installations:

- on plywood subfloors
- that use polymer-modified mortar, recommended for use with the FLEX*Snap* system both by mortar manufacturers and FLEXTHERM
- with ceramic floor coverings

Characteristics



- 31.4 cm x 31.4 cm (12 3/8 in x 12 3/8 in) mesh
- Socket and spigot ends for easy assembly
- Holes to anchor the mesh to the floor
- Grooves spaced at 2.5 cm (1 in) intervals for inserting the cable according to the type of installation

The FLEX*Snap* system adapts to all floors, no matter what their size. The mesh is easy to cut with a utility knife and conforms to the contours of the room.



Programmable electronic thermostat



Control at your fingertips

Equipped with two sensors, this thermostat controls a room's temperature based on programmed settings: time of day, potential absence and desired temperature. Its three function modes (manual, automatic and vacation), bright display and clear menus make it easy to use. With the FLEXTHERM programmable electronic thermostat, performance, accuracy and reliability are programmed in, guaranteeing complete comfort in rooms where it is installed.

Benefits of the programmable electronic thermostat

- Two extremely precise temperature sensors: one for the ground (probe) and the other for the ambient air
- Advanced start-up function: the system activates automatically to reach the desired temperature at the desired time
- Three modes: manual, automatic and vacation
- Up to four temperature adjustments can be programmed per day
- Optimization microprocessor:
 - analyzes past performance to optimize future commands
 - establishes the heating time required to maintain the desired temperature and minimize temperature variations
 - offers optimal energy consumption
- Two time and temperature formats (24 h/°C or 12 h/°F)
- Protection in case of malfunction ensured by a ground fault circuit interrupter (GFCI)
- 2 year limited warranty



Eco-tip

Automatically lowering the temperature of your home at night (when you are sleeping) generates substantial savings while doing your part for the environment.

Combine a programmable electronic thermostat with a floor heating system for major savings in money and energy. According to ENERGY STAR, using the programming function alone generates annual savings of around \$180.

Lowering the temperature by 1 °C for an eight-hour period generates energy savings of 2%. For example, if you program the thermostat to lower the temperature by 5 °C when you are at work or during the night, you reduce your energy consumption by 20% (5 °C x 2% x 2 eight-hour periods). Since the temperature is lower when you are not at home or while you sleep, you save energy and money without compromising on comfort

General characteristics

Temperature and time display	24 h/°C or 12 h/°F
Temperature range	Display: 0 °C to 60 °C (32 °F to 140 °F) Settings: F: 5 °C to 40 °C (40 °F to 104 °F) AF : 5 °C to 30 °C (40 °F to 86 °F)
Temperature control options	F: floor temperature only AF: ambient temperature is controlled according to the settings selected for the floor
Sensor precision	± 0.5 °C (0.9 °F)
Floor probe	Length of connecting wire: 4.6 m (15 ft)
Memory	No battery required. An internal circuit retains the time and date during power outages that last less than two hours. Programming is saved in the memory and is not affected by outages.
Warranty	Two year limited

Electrical characteristics

Product no.	FLP12-120/240GA
Resistive load	15 A
Capacity	1,800 W at 120 V 3,600 W at 240 V
Connection	4 wire bipolar
GFCI	Class A
Multiple circuit connection	Conversion kit with low-voltage base and expansion units available

Electronic dial thermostat



A smooth operator

Specifically designed to control floor heating systems, the FLEXTHERM electronic dial thermostat has a probe that takes a precise reading of the floor temperature and two modes of operation: manual (to keep the temperature constant) and off (to deactivate the system when the heating period is over).

It is simple to use, and yet very intelligent. Its proportional integral adaptive controller determines heating cycles by analyzing the temperature behaviour history in the room to reduce temperature variations. The thermostat can determine the heat required to reach the desired temperature and allows the user to adjust the temperature with the utmost precision to ensure the occupants are comfortable.

Benefits of the electronic dial thermostat

- Probe placed in the floor detects the temperature at floor level
- Dual temperature scale: °C and °F
- Optimizing microprocessor:
 - analyzes past performance to optimize future commands
 - establishes the heating time required to maintain the desired temperature and minimizes temperature variations
 - offers efficient energy consumption
- Protection in case of malfunction ensured by a ground fault circuit interrupter (GFCI)
- 2 year limited warranty

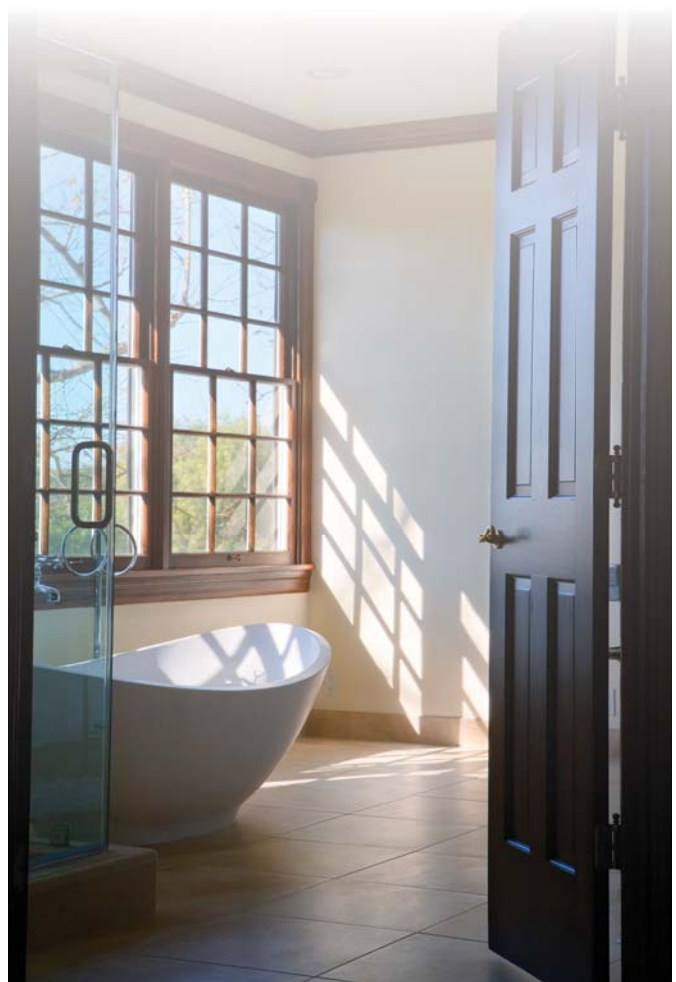


General characteristics

Dual temperature scale	°C and °F
Setting range	7 °C (min), from 15 °C to 35 °C (max) 45 °F (min), from 60 °F to 95 °F (max)
Temperature control	Floor temperature
Sensor precision	± 0.5 °C (0.9 °F)
Floor probe	Length of connecting wire: 4.6 m (15 ft)
Warranty	Two year limited

Electrical characteristics

Product no.	FLK11-120/240GA
Resistive load	15 A
Capacity	1,800 W at 120 V 3,600 W at 240 V
Connection	4 wire bipolar
GFCI	Class A
Multiple circuit connection	Conversion kit with low-voltage base and expansion units available



Conversion kit and expansion units



Large-scale comfort!

Large rooms often require several circuits. To avoid using several thermostats or painstakingly connecting relays and circuit breakers, you can install a conversion kit with expansion units. This system transforms a line thermostat into a low-voltage thermostat that controls several expansion units, sending stop/start signals according to the temperature detected.

Benefits of the conversion kit and expansion units

- A low-voltage (master) thermostat controls up to 10 expansion units (slaves)
- Both programmable and dial thermostats can be used as a master unit thanks to the 12-volt power base sold with the conversion kit
- Each expansion unit activates heating in its section of the floor according to the directions it receives from the low-voltage thermostat
- Each unit supports a load of 15 A (the number of units required depends on the installation load)
- System can operate at different voltages (120 V or 240 V) with a single low-voltage thermostat
- On/Off switch allows independent control of each floor heating section controlled by a slave unit
- Protection in case of malfunction ensured by a ground fault circuit interrupter (GFCI)
- 2 year limited warranty



Electrical characteristics	
Resistive load	15 A
Capacity	1,800 W at 120 V 3,600 W at 240 V
Connection	4 wire bipolar
GFCI	Class A

FLEXTest



A pro within reach

FLEXTest is a 3-in-1 device: megohmmeter, ohmmeter and voltmeter. This tool tests the integrity of floor heating systems by verifying the insulation resistance and the voltage of the heating cable and floor probe.

Benefits of the FLEXTest

- The functions match the floor heating system parameters that must be measured
- 9.5 cm (3 3/4 in) digital screen with analog display bar
- Storage memory capacity of up to nine data measurements
- Automatic discharge
- Meets IEC 61010-1 and IEC 1557 safety standards
- Accessories included: two test leads with alligator clips, six batteries, a carrying case, an instruction guide and a quick reference card
- Can be used for other applications





A heated floor minus the back pain!

The FLEXGlide™ was specially designed for use with the FLEXSnap installation system, which allows you to install a floor heating system in one room in a single day. The FLEXGlide is easy to use: just screw it into the end of a standard wooden handle and insert the Green Cable Surface to install the cable while standing.



The FLEXGlide's wheel is perfectly matched with the FLEXSnap mesh to ensure an easy and uniform installation of the heating cable, even when changing directions or going around obstacles..



Repair kits

Accidents can happen so fast! Here are a few kits to repair a cable damaged during installation.

Repair kits		
Product No.	Cable Type	Contents
FSK-03	Green Cable Surface	Six black heat shrink tubes, 3 mm x 1.9 cm (1/8 in x 3/4 in)
	Green Cable Concrete	Six black heat shrink tubes, 6 mm x 1.27 cm (1/4 in x 1/2 in)
	Econo Yellow Cable (cable no longer available)	One black heat shrink tube, 8 mm x 30.5 cm (5/16 in x 1 ft) One paired resistance, 0.051 ohms/m 30.5 cm (1 ft) One metal braid (copper), 91.4 cm (3 ft) Wire solder, 30.5 cm (1 ft)
FSK-01	Pro Series Cable	Three black heat shrink tubes (small), 3 mm x 5.1 cm (1/8 in x 2 in) Six brown heat shrink tubes, 3 mm x 3.2 cm (1/8 in x 1 1/4 in) Six black heat shrink tubes (large), 6 mm x 1.9 cm (1/4 in x 3/4 in) One heating resistance, 0.045 ohms/m 30.5 cm (1 ft) One metal braid, 91.4 cm (3 ft) Wire solder, 30.5 cm (1 ft)

Other accessories

FLEXTHERM offers the following accessories to help you install its floor heating systems:

Other accessories	
Product No.	Description
FLS1240	Thermal probe, 15 ft of wire (for thermostats)
FLS1250	Conduit and thermal probe, 15 ft of wire for concrete burial
GSGO-C	Universal Snap-in Gages™, 300 units/box
FLG25	Glue sticks, 25 units/package





FLEXTHERM Inc. • 2400 de la Province Street • Longueuil • Quebec J4G 1G1 • Canada

info@flextherm.com

Tel.: 1 800 FLEXTHERM (353-9843) • 450-442-9990 • Fax: 1 877 FLEXTHERM (353-9843) • 450-442-1099

www.flextherm.com