

# Perfectlywarm™

# ROOM in a BOX

## Radiant Heat Film for Floating Floors



Perfectly Warm™ Floating Floor Heat launches a new family of thin, flexible, ultra-efficient radiant heating products engineered to deliver the ultimate in thermal comfort by gently warming all types of floating floors with low energy consumption at affordable prices.

One room or an entire house will benefit from radiant floor warming. Perfectly Warm™ Floating Floor Heat is offered as standard kits or can be made for special order.

All kits are configured with factory connections and all products are suitable for either new construction or renovation projects.

### ADVANTAGES

#### Perfectly Warm™ vs. Other Electric Floor Systems

- There is no easier radiant floor heating system to install.  
**Simple 3 step process!**
  1. Install underlayment.
  2. Roll out electric radiant heat film.
  3. Install final floor covering
- Will warm the floor and depending on performed heat loss calculations, Perfectly Warm can warm the entire room when it is install in at least 80% of the room's floor.
- Minimal thickness profile. Ultra-thin (less than .016") heated panels keeps same floor heights through room transitions.
- Provides uniform heat. Your floor is heated uniformly with no gaps and the radiant heat is dispersed evenly throughout the room.
- Quiets your floor when used in combination with QuietWalk underlayment, you achieve a superior sound rating: IIC 71 & STC 67
- Factory Attached Lead Wires. 15' lead wires are connected to one end of each mat for easy routing and final connecting to the thermostat.
- Safety certified by ETL in compliance with UL Standards for radiant flooring in the USA and Canada.
- Costs less to operate. Even heat distribution allows the Perfectly Warm systems to cycle quicker resulting in less energy consumption.

#### Perfectly Warm™ vs. Hydronic (water)

- Maintenance free. No mechanical heaters to heat the water and pumps to move the water. No potential maintenance issues to worry about.

- Even heat distribution. Water near the end of the system has cooled compared to water at the beginning of the system.
- More efficient. Water systems must heat the water, then move the water by pumping it through pipes. With Floating Floor Heat, all the electric power is used to heat the floor.
- Does not raise the floor. Most hydronic systems raise the floor level by as much as 1½ inches to make room for the water pipes.
- Simpler, lower cost installation. No water heaters, pumps, manifolds tubing and other mechanical parts.

#### Perfectly Warm™ vs. Electric Baseboard

- More efficient and more even heat distribution. Baseboard heating is located at the room perimeter and overheats the outside of the room. It does not warm the floor or your feet.
- Safer. Baseboard heating can be hot to the touch.
- Better appearance. Baseboard heaters are unsightly while Floating Floor Heat is not visible after installation.

#### Kit Includes:

- Perfectly Warm Float Film to cover corresponding room S.F. (roll)
- Amp Connectors (FC-1001)
- Kapton Disks (111)
- Black Wire (LEADS-14-THHN-B)
- White Wire (LEADS-14-THHN-W)
- Electrical and Insulating tape (FRD-TAPE-6)
- Crimp Tool (FCT- 104A)
- Thermostat (TST-ADG-4999 or TST-UDG-4999)
- Installation Manual





**ENVIRONMENTAL ATTRIBUTES**

- LEED Compliant for: EA Prerequisite 2, EA Credit 1, MR Credit 2.1, MR Credit 2.2, MR Credit 5.1, EQ Prerequisite 1, EQ Credit 7.1, EQ Credit 3.1, EQ Credit 3.2, ID Credit 1
- 99.9% of energy is turned into heat with no parasitic loss.

**APPROVED FLOOR COVERING MATERIALS**

- All Floating floors
  - Floating tiles
  - Laminate
  - Engineered wood
  - Luxury vinyl flooring
  - Cork and Bamboo
- \* Refer to Floor Covering Manufacturer's specifications for compatibility of their product over any radiant heat before installation.

**LIMITATIONS**

- This material shall be installed only by qualified personnel who are familiar with the construction and operation of the material and the risks involved.
- Do not install Perfectly Warm Floating Floor heat under carpet, glued or nailed wood floors.
- Do not install Perfectly Warm Floating Floor heat in walls.
- Use 12 AWG ROMEX only as supply conductors.

**INSTALLATION**

1. Install underlayment.
2. Roll out Electric Radiant Heat Film.
3. Install final floor covering.

For complete installation details, see [www.perfectly-warm.com](http://www.perfectly-warm.com)

**TECHNICAL SUPPORT**

- Telephone: 888-WARM PAD
- Email: [technical@perfectly-warm.com](mailto:technical@perfectly-warm.com)

**TECHNICAL DATA**

**Perfectly Warm™ Floating Floor Heat Physical Properties**

Weight .....	1.8 oz/sq.ft /55kg/m2
Thickness .....	0.016"
Watts Per Square Feet .....	12W
Factory Attached Lead Wires.....	15' lengths

**PRODUCT WARRANTY**

The Perfectly Warm™ Floating Floor Heat Film is certified to the highest International standards and comes with **25 Year Limited Warranty.**



**Standard Sizes for 120V**

Room Size	Product Model#	Description	Voltage	Watts	Amps
15 Sq.Ft.	RIBF18-144W120V	PW Float Kit for a 15 Sq.Ft. Room	120V	144	1.2
25 Sq.Ft.	RIBF18-240W120V	PW Float Kit for a 25 Sq.Ft. Room	120V	240	2
35 Sq.Ft.	RIBF18-336W120V	PW Float Kit for a 35 Sq.Ft. Room	120V	336	2.8
50 Sq.Ft.	RIBF18-480W120V	PW Float Kit for a 50 Sq.Ft. Room	120V	480	4
65 Sq.Ft.	RIBF18-624W120V	PW Float Kit for a 65 Sq.Ft. Room	120V	624	5.2
75 Sq.Ft.	RIBF18-720W120V	PW Float Kit for a 75 Sq.Ft. Room	120V	720	6
85 Sq.Ft.	RIBF18-816W120V	PW Float Kit for a 85 Sq.Ft. Room	120V	816	6.8
100 Sq.Ft.	RIBF18-960W120V	PW Float Kit for a 100 Sq.Ft. Room	120V	960	8
125 Sq.Ft.	RIBF18-1200W120V	PW Float Kit for a 125 Sq.Ft. Room	120V	1200	10
150 Sq.Ft.	RIBF18-1440W120V	PW Float Kit for a 150 Sq.Ft. Room	120V	1440	12

**Standard Sizes for 240V**

Room Size	Product Model#	Description	Voltage	Watts	Amps
100 Sq.Ft.	RIBF18-960W240V	PW Float Kit for a 100 Sq.Ft. Room	240V	960	4
120 Sq.Ft.	RIBF18-1152W240V	PW Float Kit for a 120 Sq.Ft. Room	240V	1152	4.8
140 Sq.Ft.	RIBF18-1344W240V	PW Float Kit for a 140 Sq.Ft. Room	240V	1344	5.6
160 Sq.Ft.	RIBF18-1526W240V	PW Float Kit for a 160 Sq.Ft. Room	240V	1536	6.4
180 Sq.Ft.	RIBF18-1728W240V	PW Float Kit for a 180 Sq.Ft. Room	240V	1728	7.2
200 Sq.Ft.	RIBF18-1920W240V	PW Float Kit for a 200 Sq.Ft. Room	240V	1920	8
220 Sq.Ft.	RIBF18-2112W240V	PW Float Kit for a 220 Sq.Ft. Room	240V	2112	8.8
240 Sq.Ft.	RIBF18-2304W240V	PW Float Kit for a 240 Sq.Ft. Room	240V	2304	9.6
260 Sq.Ft.	RIBF18-2496W240V	PW Float Kit for a 260 Sq.Ft. Room	240V	2496	10.4
280 Sq.Ft.	RIBF18-2688W240V	PW Float Kit for a 280 Sq.Ft. Room	240V	2688	11.2
300 Sq.Ft.	RIBF18-2880W240V	PW Float Kit for a 300 Sq.Ft. Room	240V	2880	12

Other sizes and custom orders are available on request.

**Calorique**

**800-922-9276**