FilmHeat Floor Heating Systems GENERAL PRODUCT INFORMATION

FilmHeat™ for Heating Existing Floors

FilmHeat in-floor film heating systems feature a paper-thin heating element (only 0.016-inches thick) that can be cut on site and requires no floor buildup. This floor heating system is easy to install and provides moderate, regulated warmth that is well suited for laminate surfaces. The FilmHeat floor heating panels can also be used to retrofit existing floors with radiant heat. The panels are stapled up between the floor joists and insulation is then installed afterwards so all the heat is directed upward to heat the existing floor.

FilmHeat Features and Benefits

- **Low Cost** – The FilmHeat system is affordable to purchase and operate.
- **No Floor Buildup** – The paper-thin heating element is only 0.016-inches thick, so there is virtually no floor buildup.
- **Safe and Reliable** – The heating panels are UL, ETL, NEMKO and CE listed and EMC certified for safety.
- **Easy Installation** – The FilmHeat system can be installed quickly and easily, without the need for thinset or mortar. The heating element can also be stapled and nailed through, further facilitating easy installation.
- **Zoning** – Allows you to efficiently heat the precise areas and rooms you want, when you want.
- **Maintenance Free** – The FilmHeat system contains no moving parts, so there is no need for maintenance and associated costs.
- **Energy Efficient** – The system is easy to use and energy efficient. The electrical power is directly transferred to heat so there is virtually no wasted energy. (Ninety-nine percent of the energy is converted directly into heat.)
- **Versatile** – FilmHeat is the popular choice for installation under all types of floating floors.
- **Warranty** – Features a best-in-class warranty of 25-years.
- **Programmable Thermostat** –The touch screen programmable thermostat with floor sensor can be programmed for 7 days, with 4 settings per day. The Wi-Fi enabled smart thermostat allows you to program and/or set your thermostat from your smart phone.
- **Different Widths –** Available in 18- and 36-inch widths.



The FilmHeat under floor heating system consists of heating panels, connection materials, and unique digital thermostat that includes a 15-amp GFCI breaker and floor sensor for accurate programming.

Specifications 120V

18- and 36-inch Wide Elements

Part Number	Dimensions	Amps	Watts	Resistance (Ohms)		
				Low Limit	Nominal	High Limit
ULH18-16W120V	18" wide X 1' long	0.13	15.6	876.92	923.08	1015.38
ULH18-31W120V	18" wide X 2' long	0.26	31.2	438.46	461.54	507.69
ULH18-47W120V	18" wide X 3' long	0.39	46.8	292.31	307.69	338.46
ULH18-62W120V	18" wide X 4' long	0.52	62.4	219.23	230.77	253.85
ULH18-78W120V	18" wide X 5' long	0.65	78.0	175.38	184.62	203.08
ULH18-94W120V	18" wide X 6' long	0.78	93.6	146.15	153.85	169.23
ULH18-109W120V	18" wide X 7' long	0.91	109.2	125.27	131.87	145.05
ULH18-125W120V	18" wide X 8' long	1.04	124.8	109.62	115.38	126.92
ULH18-140W120V	18" wide X 9' long	1.17	140.4	97.44	102.56	112.82
ULH18-156W120V	18" wide X 10' long	1.30	156.0	87.69	92.31	101.54
ULH36-33W120V	3' wide X 1' long	0.28	33.4	409.83	431.40	474.54
ULH36-67W120V	3' wide X 2' long	0.56	66.8	204.91	215.70	237.27
ULH36-100W120V	3' wide X 3' long	0.83	100.1	136.61	143.80	158.18
ULH36-134W120V	3' wide X 4' long	1.11	133.5	102.46	107.85	118.63
ULH36-167W120V	3' wide X 5' long	1.39	166.9	81.97	86.28	94.91
ULH36-200W120V	3' wide X 6' long	1.67	200.3	68.30	71.90	79.09
ULH36-234W120V	3' wide X 7' long	1.95	233.7	58.55	61.63	67.79
ULH36-267W120V	3' wide X 8' long	2.23	267.0	51.23	53.92	59.32
ULH36-300W120V	3' wide X 9' long	2.50	300.4	45.54	47.93	52.73
ULH36-334W120V	3' wide X 10' long	2.78	333.8	40.98	43.14	47.45

Specifications 240V

18- and 36-inch Wide Elements

Part Number	Dimensions	Amps	Watts	Resistance (Ohms)		
				Low Limit	Nominal	High Limit
ULH18-16W240V	18" wide x 1' long	0.07	15.6	3507.69	3692.31	4061.54
ULH18-31W240V	18" wide x 2' long	0.13	31.2	1753.85	1846.15	2030.77
ULH18-47W240V	18" wide x 3' long	0.20	46.8	1169.23	1230.77	1353.85
ULH18-62W240V	18" wide x 4' long	0.26	62.4	876.92	923.08	1015.38
ULH18-78W240V	18" wide x 5' long	0.33	78.0	701.54	738.46	812.31
ULH18-94W240V	18" wide x 6' long	0.39	93.6	584.62	615.38	676.92
ULH18-109W240V	18" wide x 7' long	0.46	109.2	501.10	527.47	580.22
ULH18-125W240V	18" wide x 8' long	0.52	124.8	438.46	461.54	507.69
ULH18-140W240V	18" wide x 9' long	0.59	140.4	389.74	410.26	451.28
ULH18-156W240V	18" wide x 10' long	0.65	156.0	350.77	369.23	406.15
ULH36-33W240V	3' wide x 1' long	0.14	33.4	1639.30	1725.58	1898.14
ULH36-67W240V	3' wide x 2' long	0.28	66.8	819.65	862.79	949.07
ULH36-100W240V	3' wide x 3' long	0.42	100.1	546.43	575.19	632.71
ULH36-134W240V	3' wide x 4' long	0.56	133.5	409.83	431.40	474.54
ULH36-167W240V	3' wide x 5' long	0.70	166.9	327.86	345.12	379.63
ULH36-200W240V	3' wide x 6' long	0.83	200.3	273.22	287.60	316.36
ULH36-234W240V	3' wide x 7' long	0.97	233.7	234.19	246.51	271.16
ULH36-267W240V	3' wide x 8' long	1.11	267.0	204.91	215.70	237.27
ULH36-300W240V	3' wide x 9' long	1.25	300.4	182.14	191.73	210.90
ULH36-334W240V	3' wide x 10' long	1.39	333.8	163.93	172.56	189.81

*Call **888.488.9276** for more information.*

FilmHeat Heating Panels

The floor heating system is available for use with standard 120 or 240 volt line current.

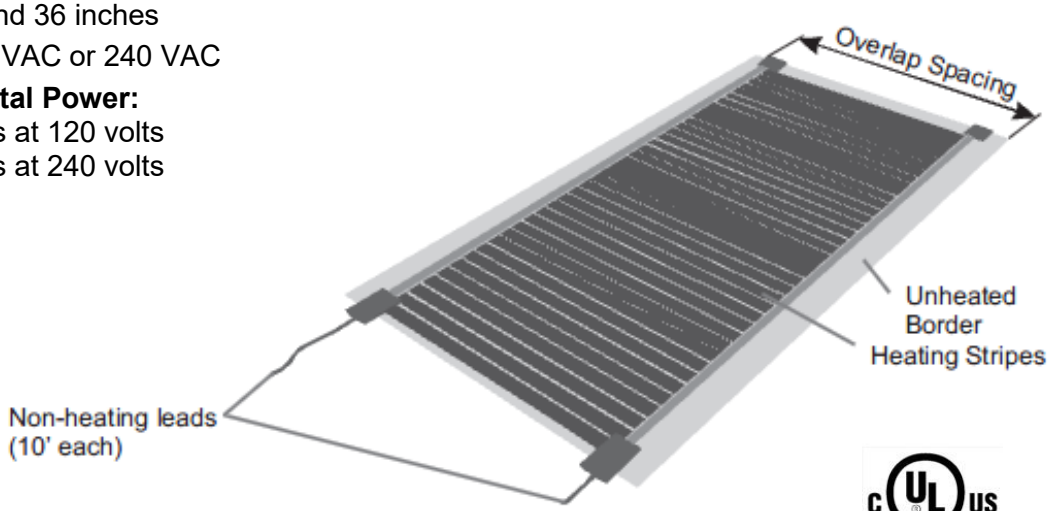
Watts per Square Foot: 11

Widths: 18 and 36 inches

Voltage: 120 VAC or 240 VAC

Maximum Total Power:

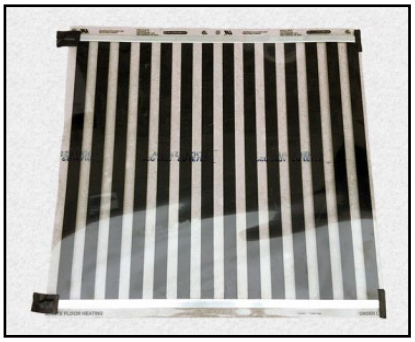
1,920 watts at 120 volts
3,840 watts at 240 volts



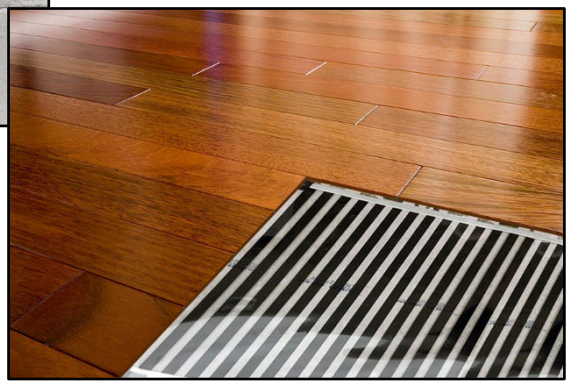
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FilmHeat floor heating elements.

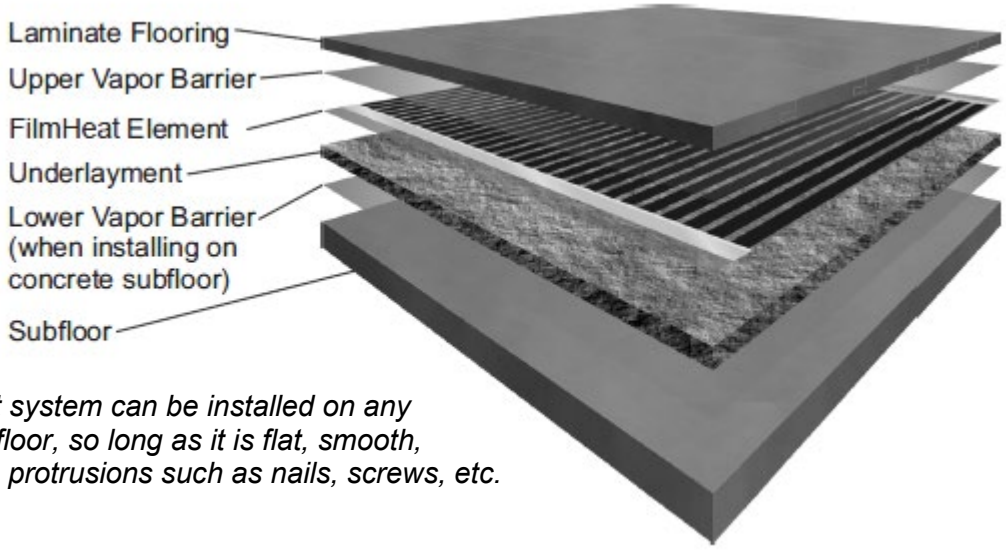






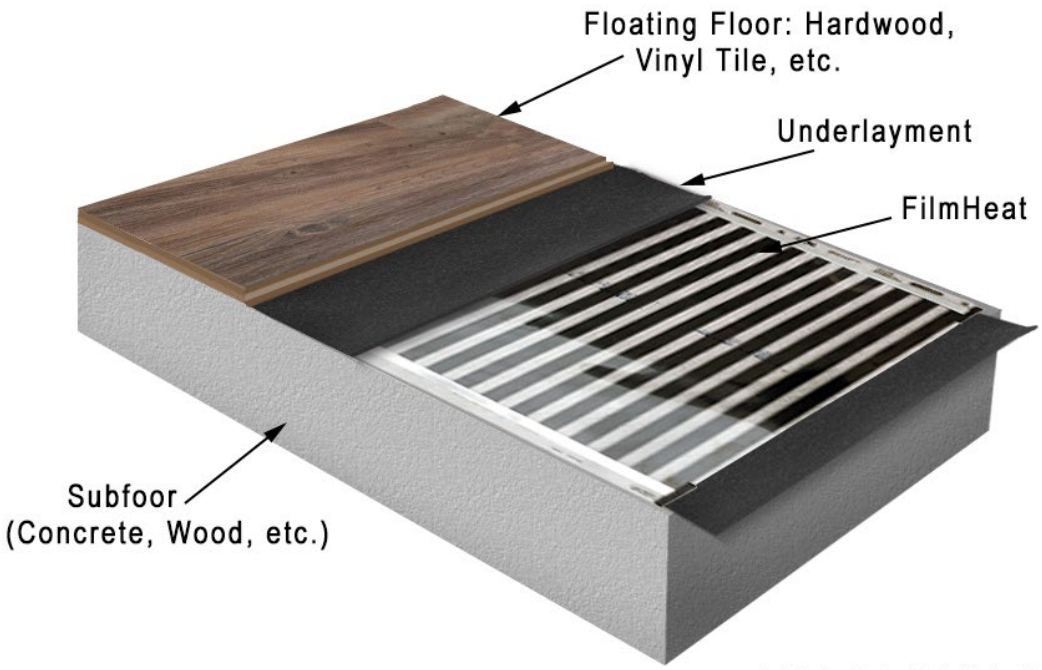
Conceptual image of FilmHeat under hardwood floor.

Examples of FilmHeat Installation Under Floating Floor



The FilmHeat system can be installed on any standard subfloor, so long as it is flat, smooth, and free from protrusions such as nails, screws, etc.

FilmHeat Installed Under Vinyl Flooring



WARMZONE
PREMIER RADIANT HEATING

WARRANTY INFORMATION

FilmHeat: 25-year limited warranty.
Thermostat: 2-year limited warranty.

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