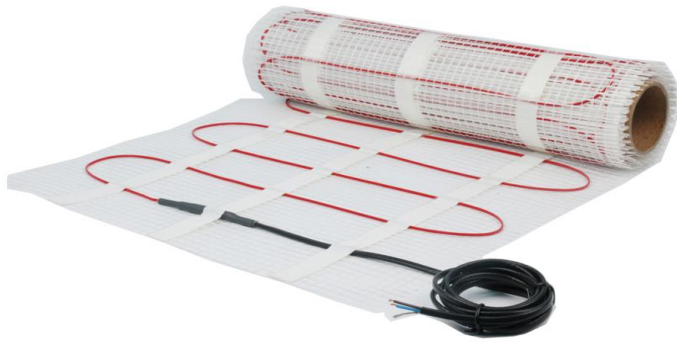


ICOHEAT DFHM



DFHM electric underfloor heating mat consists of a qualified thin heating cable fixed on robust self-adhesive fiberglass mesh for a quick installation. The heating cable is produced with inner fluoropolymer insulation, drain wire shielding with Alu-foil, and a durable out sheath.

DFHM is a comfort heat solution for indoor floor heating installed in flexible tile adhesive, self-leveling compound, or thin screed beds in new or renovated buildings such as bathrooms, living rooms, basement.📐

Benefits:

- Zero EMF
- Robust Self-adhesive mesh
- Easy & quick to install
- DIY applicable
- Single-end connection cable
- Long life-time
- 25 years manufacturer warranty

Standard compliance

- IEC60335
- IEC61000

Approvals:



Specification

Specification	Value
Nominal Voltage	230V~50/60Hz
Conductor	Two conductors
Conductor Insulation	Fluoropolymer
Screen	100% coverage /Alu-foil+drain wire
Out sheath	heat-resistant PVC
Cable Shape	round
Cable thickness	φ3.6-φ3.8mm
Output power	100W/sqm,150W/sqm,200W/sqm
Cable spacing	10cm,8cm,8cm
Resistance Tolerance	-5%~10%
Cable bending	6 x cable diameter
Cold connection cable	1x2.5M
Mesh width	0.5M
Min installation temperature	5°C
IP Class	IPX7

Types: ICOHEAT DFHM 100W

Item No.	Dimensions(W x L)	Heated area(Sqm)	Output @230V~(w)	Current @230V (A)	Resistance(Ω)
DFHM-100-0.5	0.5x1	0.5	50	0.22	1058.0
DFHM-100-1	0.5x2	1	100	0.43	529.0
DFHM-100-1.5	0.5x3	1.5	150	0.65	352.7
DFHM-100-2	0.5x4	2	200	0.87	264.5
DFHM-100-2.5	0.5x5	2.5	250	1.09	211.6
DFHM-100-3	0.5x6	3	300	1.30	176.3
DFHM-100-3.5	0.5x7	3.5	350	1.52	151.1
DFHM-100-4	0.5x8	4	400	1.74	132.3
DFHM-100-4.5	0.5x9	4.5	450	1.96	117.6
DFHM-100-5	0.5x10	5	500	2.17	105.8
DFHM-100-6	0.5x12	6	600	2.61	88.2
DFHM-100-7	0.5x14	7	700	3.04	75.6
DFHM-100-8	0.5x16	8	800	3.48	66.1
DFHM-100-9	0.5x18	9	900	3.91	58.8
DFHM-100-10	0.5x20	10	1000	4.35	52.9
DFHM-100-12	0.5x24	12	1200	5.22	44.1
DFHM-100-15	0.5x30	15	1500	6.52	35.3

Types: ICOHEAT DFHM 150W

Item No.	Dimensions(W x L)	Heated area(Sqm)	Output @230V~(w)	Current @230V (A)	Resistance(Ω)
DFHM-150-0.5	0.5x1	0.5	75	0.33	705.3
DFHM-150-1	0.5x2	1	150	0.65	352.7
DFHM-150-1.5	0.5x3	1.5	225	0.98	235.1
DFHM-150-2	0.5x4	2	300	1.30	176.3
DFHM-150-2.5	0.5x5	2.5	375	1.63	141.1
DFHM-150-3	0.5x6	3	450	1.96	117.6
DFHM-150-3.5	0.5x7	3.5	525	2.28	100.8
DFHM-150-4	0.5x8	4	600	2.61	88.2
DFHM-150-4.5	0.5x9	4.5	675	2.93	78.4
DFHM-150-5	0.5x10	5	750	3.26	70.5
DFHM-150-6	0.5x12	6	900	3.91	58.8
DFHM-150-7	0.5x14	7	1050	4.57	50.4
DFHM-150-8	0.5x16	8	1200	5.22	44.1
DFHM-150-9	0.5x18	9	1350	5.87	39.2
DFHM-150-10	0.5x20	10	1500	6.52	35.3
DFHM-150-12	0.5x24	12	1800	7.83	29.4
DFHM-150-15	0.5x30	15	2250	9.78	23.5

Types: ICOHEAT DFHM 200W

Item No.	Dimensions(W x L)	Heated area(Sqm)	Output @230V~(w)	Current @230V (A)	Resistance(Ω)
DFHM-200-0.5	0.5x1	0.5	100	0.43	529.0
DFHM-200-1	0.5x2	1	200	0.87	264.5
DFHM-200-1.5	0.5x3	1.5	300	1.30	176.3
DFHM-200-2	0.5x4	2	400	1.74	132.3
DFHM-200-2.5	0.5x5	2.5	500	2.17	105.8
DFHM-200-3	0.5x6	3	600	2.61	88.2
DFHM-200-3.5	0.5x7	3.5	700	3.04	75.6
DFHM-200-4	0.5x8	4	800	3.48	66.1
DFHM-200-4.5	0.5x9	4.5	900	3.91	58.8
DFHM-200-5	0.5x10	5	1000	4.35	52.9
DFHM-200-6	0.5x12	6	1200	5.22	44.1
DFHM-200-7	0.5x14	7	1400	6.09	37.8
DFHM-200-8	0.5x16	8	1600	6.96	33.1
DFHM-200-9	0.5x18	9	1800	7.83	29.4
DFHM-200-10	0.5x20	10	2000	8.70	26.5
DFHM-200-12	0.5x24	12	2400	10.43	22.0
DFHM-200-15	0.5x30	15	3000	13.04	17.6

Installation accessories

Electric floor heating accessories included heat thermostats for controlling air & floor temperature, floor sensors for sensing floor temperature, double-sided and joint tapes, installation monitors, heating cable repair kits are required to install electric floor heating system—contact Icoheat for more information.