



Product



Installation



Floor/Surface

ECinfracable 75T, ECinfracable 100T

Product
is covered
by **EPD***

ECinfracable readymade heating cable mat is an extremely high-quality, 360° fully screened twin conductor cable with a tough outer sheath (UV resistant fixed on the plastic mesh). Its round profile and robust construction ensures a fast, simple and safe installation in multiple indoor floor constructions like: new build houses embedded in concrete and as total or comfort floor heating in public and commercial buildings.

Heating cable must be used together with an appropriate thermostat to secure against overheating and reduce energy consumption.

Heating mat is designed to be embedded in concrete or similar. Cold lead connection point, is protected from water ingress by a removable cap.

The cold lead is an installation cable with solid conductors ensuring fast installation. A clearly visible connection avoids accidentally installing the heated element in the wall.

To ensure a long life-time, all mats are minutely inspected including tests for Ohmic resistance, high voltage and material controls to ensure the quality. This means that we are proud to supply our full floor extended Danfoss Warranty.

*An EPD is a document used to communicate transparently, the quantified environmental impacts of a product over its life cycle stages.

Product specifications

Benefits • Fast and easy to install • Multiple application options • Safe and robust • Long life-time • Maximum protection Compliance symbols:  Standard compliance • EN/IEC60800:2009	Nominal voltage	230 V~
	Construction	Twin conductor, one cold lead
	Output	75 W/m ² and 100 W/m ² @ 230 V
	Max. permissible use temperature, powered	60 °C
	Max. permissible use temperature, unpowered	90 °C
	Cable type, C-C distance	ECsnow, 15 cm
	Cable dimensions	Ø 7 mm
	Deformation strength	1500 N
	Pulling strength	450 N
	Conductor insulation	FEP
	Outer sheath	PVC, black
	Screen	100% coverage; alu-foil; 0,5 mm ² tinned copper drain wire
	Cold lead	4m DTCL, 3G (1,5 or 2,5)mm ²
	Min. installation temperature	-5 °C
	Bending Ø, min.	5 cm
	IP Class	IPX7
	Packaging	Heavy cartoon box or Plywood spool

Types: set ECinfracable 75T with cold lead 4 m + Synthetic nail + Tacking Clips

Item no.	Area, m ²	Dimensions (W x L)	Output, W @ 230 V~	Resistance, Ohm	Cold lead	EAN no.
088L6335	0,9 m ²	0,75 x 1,2 m	70 W	748,8 Ω	3 x 1,5 mm ²	5703466244975
088L6336	1,8 m ²	0,75 x 2,3 m	125 W	416,6 Ω	3 x 1,5 mm ²	5703466244982
088L6337	2,5 m ²	0,75 x 3,2 m	180 W	297,4 Ω	3 x 1,5 mm ²	5703466244999
088L6338	3,2 m ²	0,75 x 4,1 m	225 W	233,3 Ω	3 x 1,5 mm ²	5703466245002
088L6339	5,0 m ²	0,75 x 6,7 m	380 W	139,9 Ω	3 x 1,5 mm ²	5703466245019
088L6340	6,8 m ²	0,75 x 8,9 m	490 W	107,6 Ω	3 x 1,5 mm ²	5703466245026
088L6341	8,3 m ²	0,75 x 11,1 m	620 W	85,0 Ω	3 x 1,5 mm ²	5703466245033
088L6342	9,9 m ²	0,75 x 13,3 m	750 W	70,4 Ω	3 x 1,5 mm ²	5703466245040
088L6343	11,0 m ²	0,75 x 14,7 m	820 W	64,4 Ω	3 x 1,5 mm ²	5703466245057
088L6344	13,7 m ²	0,75 x 18,2 m	1015 W	52,1 Ω	3 x 1,5 mm ²	5703466245064
088L6345	15,3 m ²	0,75 x 20,4 m	1145 W	46,2 Ω	3 x 1,5 mm ²	5703466245071
088L6346	16,9 m ²	0,75 x 22,6 m	1275 W	41,4 Ω	3 x 1,5 mm ²	5703466245088
088L6347	19,1 m ²	0,75 x 25,4 m	1425 W	37,1 Ω	3 x 1,5 mm ²	5703466245095
088L6348	20,3 m ²	0,75 x 27,0 m	1520 W	34,8 Ω	3 x 1,5 mm ²	5703466245101
088L6349	23,6 m ²	0,75 x 31,4 m	1765 W	30,0 Ω	3 x 1,5 mm ²	5703466245118
088L6350	27,0 m ²	0,75 x 35,9 m	2010 W	26,3 Ω	3 x 2,5 mm ²	5703466245125
088L6351	30,4 m ²	0,75 x 40,4 m	2265 W	23,3 Ω	3 x 2,5 mm ²	5703466247211

Types: set ECinfracable 100T with cold lead 4 m + Synthetic nail + Tacking Clips

Item no.	Area, m ²	Dimensions (W x L)	Output, W @ 230 V~	Resistance, Ohm	Cold lead	EAN no.
088L6315	1,6 m ²	0,75 x 2,0 m	145 W	377,9 Ω	3 x 1,5 mm ²	5703466244791
088L6316	2,5 m ²	0,75 x 3,2 m	230 W	230,0 Ω	3 x 1,5 mm ²	5703466244807
088L6317	2,9 m ²	0,75 x 3,8 m	285 W	188,9 Ω	3 x 1,5 mm ²	5703466244814
088L6318	4,3 m ²	0,75 x 5,8 m	435 W	120,2 Ω	3 x 1,5 mm ²	5703466244821
088L6319	5,9 m ²	0,75 x 7,7 m	570 W	92,8 Ω	3 x 1,5 mm ²	5703466244838
088L6320	7,2 m ²	0,75 x 9,6 m	720 W	73,5 Ω	3 x 1,5 mm ²	5703466244845
088L6321	8,6 m ²	0,75 x 11,5 m	870 W	60,8 Ω	3 x 1,5 mm ²	5703466244852
088L6322	9,5 m ²	0,75 x 12,7 m	960 W	55,1 Ω	3 x 1,5 mm ²	5703466244869
088L6323	10,4 m ²	0,75 x 13,8 m	1035 W	50,9 Ω	3 x 1,5 mm ²	5703466244876
088L6324	11,7 m ²	0,75 x 15,7 m	1190 W	44,5 Ω	3 x 1,5 mm ²	5703466244883
088L6325	13,3 m ²	0,75 x 17,6 m	1320 W	40,1 Ω	3 x 1,5 mm ²	5703466244906
088L6326	14,6 m ²	0,75 x 19,6 m	1470 W	36,0 Ω	3 x 1,5 mm ²	5703466244913
088L6327	16,4 m ²	0,75 x 22,0 m	1660 W	31,9 Ω	3 x 1,5 mm ²	5703466244920
088L6328	17,6 m ²	0,75 x 23,4 m	1755 W	30,2 Ω	3 x 1,5 mm ²	5703466244937
088L6329	20,5 m ²	0,75 x 27,2 m	2030 W	26,1 Ω	3 x 2,5 mm ²	5703466244944
088L6330	23,2 m ²	0,75 x 31,0 m	2340 W	22,6 Ω	3 x 2,5 mm ²	5703466244616
088L6331	26,3 m ²	0,75 x 35,0 m	2615 W	20,2 Ω	3 x 2,5 mm ²	5703466244951
088L6332	29,3 m ²	0,75 x 39,1 m	2940 W	18,0 Ω	3 x 2,5 mm ²	5703466244968