

technical specifications

Construction

- Twin Core 130W/m² cable.
- Fully earthed for use in bathrooms or other wet areas.
- Two layers of insulation for maximum cable life.
- Easy to cut mesh backing that can be removed for small and awkward areas.

Electrical

- All installations should be carried out by a qualified electrician in accordance with the current wiring regulations.
- All installations require an RCD (residual current device) for safe operation.
- The Dimplex thermostatic controller has maximum load of 15A.
- Connecting more than two mats to a controller requires the use of a standard electrical junction box.
- The Dimplex thermostatic controller comes complete with a floor sensing probe.

Installation Guidelines

The Dimplex under-tile heater can be fitted to:

- Timber suspended floors.
- Concrete solid floors.
- Dimplex strongly recommends the use of 10mm insulating tile backer board to maximise system performance.

Design Freedom

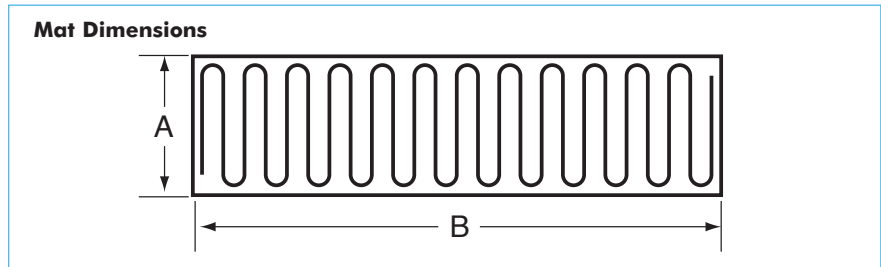
By being concealed under the tiled floor, under-tile heating frees you to plan rooms and arrange furniture as you want, allowing a great deal of flexibility.

Flexible Control

Because Dimplex under-tile heating is controlled independently of the main heating system, it offers maximum flexibility. Separate settings can be programmed whether you are in, out or even on holiday, and the early start function always ensures the floor has reached your chosen temperature when you want it.

Safety and Practicality

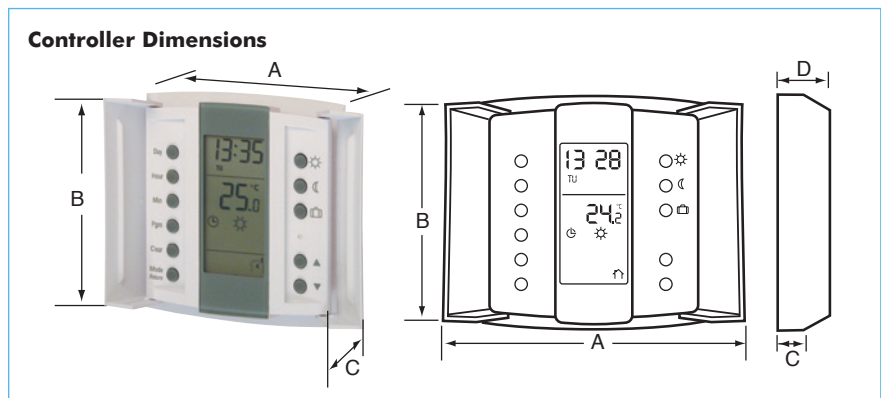
A warm tiled floor helps spills to dry quickly, avoiding slip-ups in bathrooms and kitchens, promoting a safer environment for all the family.



Mat Dimensions and Loadings

Model No.	Output at 230V	Area	Element Depth	Width A	Length B
DTW1M	130W	1.0m ²	3mm	500mm	2000mm
DTW1.5M	195W	1.5m ²	3mm	500mm	3000mm
DTW2M	260W	2.0m ²	3mm	500mm	4000mm
DTW3M	390W	3.0m ²	3mm	500mm	6000mm
DTW4M	520W	4.0m ²	3mm	500mm	8000mm
DTW5M	650W	5.0m ²	3mm	500mm	10000mm
DTW6M	780W	6.0m ²	3mm	500mm	12000mm

Note: Each Mat comes with adhesive roll and instruction for installation.



Controller Dimensions and Loadings

Model No.	Electrical Rating	Accuracy	Width A	Height B	Depth C	Total Depth D
DTW16S	15A	0.5°C	79mm	83mm	22mm	44mm

Note: Always use a standard electrical junction box when connecting more than two mats.

Sizing Guide

Floor Width	Floor Length						
	1m	1.5m	2m	3m	4m	5m	
1m	1 x DTW1M	1 x DTW1.5M	1 x DTW2M	1 x DTW3M	1 x DTW4M	1 x DTW5M	
1.5m	1 x DTW1.5M	1 x DTW2M	1 x DTW3M	1 x DTW4M	1 x DTW6M	1 x DTW6M + 1 x DTW1.5M	
2m	1 x DTW2M	1 x DTW3M	1 x DTW4M	1 x DTW6M	2 x DTW4M	2 x DTW5M	
3m	1 x DTW3M	1 x DTW4M	1 x DTW6M	3 x DTW3M	2 x DTW6M	3 x DTW5M	
4m	1 x DTW4M	1 x DTW6M	2 x DTW4M	2 x DTW6M	4 x DTW4M	4 x DTW5M	
5m	1 x DTW5M	1 x DTW6M + 1 x DTW1.5M	2 x DTW5M	3 x DTW5M	4 x DTW5M	5 x DTW5M	

Note: Always choose heater packs that are slightly smaller than your requirement as only the mesh can be cut. (Not the wire!) This chart is for illustrative purposes only. Do not place under-tile heating under permanent fixtures (e.g. baths, kitchen cupboards)