Sizing guide

For larger or different area sizing - please contact 0800 WARMUP (927-687) for your local Distributor.

Element	Total Ohms (@ 20°C)	Cable Length	Coverage in sqm (at wire centers of ± 10% (mm)			Power Density (watts per sqm) ± 5%		
			60	85	100	60	85	100
UT200	264 ohms	16.5m	0.90	1.22	1.42	222	163	140
UT300	176 ohms	25.0m	1.29	1.79	2.09	232	167	144
UT400	132 ohms	33.5m	1.76	2.45	2.86	227	163	140
UT500	105 ohms	41.5m	2.18	3.06	3.57	229	164	140
UT650	82 ohms	54.0m	2.91	4.07	4.76	223	159	136
UT800	66 ohms	66.5m	3.60	5.06	5.91	223	159	136
UT1000	52 ohms	83.5m	4.56	6.41	7.50	219	156	133
UT1250	42 ohms	105.0m	5.82	8.18	9.58	216	154	132
UT1500	33 ohms	125.0m	6.96	9.79	11.47	215	153	131
UT1800	29 ohms	150.0m	8.38	11.59	13.46	215	155	134
UT2000	25 ohms	166.5m	9.37	13.19	15.46	211	150	128
UT2500	21 ohms	208.5m	11.85	16.69	19.56	214	152	129
UT3000	16 ohms	250.0m	14.31	20.14	23.61	210	149	127

Notes:

These are nominal specifications only.

Coverage table is by calculation only – actual wire layout on the floor may have an effect on the actual coverage obtained. The table shows the area in sqm that any cable will cover at various wire centres, e.g. if a UT1000 is laid up with the runs 85mm apart, a total heated area of 6.41sqm should be achieved.

The power density table shows the watts per sqm of the heated area – the higher the power density the greater the temperature rise on the tiled surface.

The table below gives the maximum and minimum wire spacing between the runs of the heating element.

Type of flooring	No less than(mm)	No greater than(mm)
Timber	50mm	100mm
Concrete	50mm	75mm
If using Marmox insulation board with timber or concrete	50mm	100mm