

Mirror Demister Installation Instructions

Please check that the mirror is suitable for use with mirror demister pads. We don't recommend using demisters on mirrors with any cut-outs for lights or sockets, as these can weaken the mirror.

- You should aim to cover at least 70% of the mirror's surface with the demisters to ensure effective heating.
- We recommend leaving a margin of around 50mm from the edge of the heating pad to the edge of the mirror; the minimum margin you should leave is 25mm.
- You can combine mirror heater units to provide effective coverage of larger mirrors.
- Place your mirror face down on a flat surface.
- Clean the mirror reverse to remove dirt or grease.
- Remove the safety foil from the demister reverse.
- Place the Mirror Demister sticky side down onto the back of the mirror, in the area you wish to be condensation free, ensuring there are no air bubbles.
- If using adhesive to affix the mirror it must be solvent and acrylic free, and should be used according to the manufacturer's recommendations.
- If you are going to affix the mirror with screws, you should ensure that the screws have rubber spacers so that only the mirror is in contact with the spacers and is free to move slightly. No other holes should be cut into the mirror as this may cause excessive stress and damage the mirrors during heating.
- If the mirror is going to be fitted inside a frame, the frame should allow for a small amount of movement and rubber spacers should be used where applicable.
- You should ensure that space is made for the rubber connection and the lead behind the mirror, so that these sections will not place pressure on the mirror itself.

- You should ensure that space is made for the rubber connection and the lead behind the mirror, so that these sections will not place pressure on the mirror itself.
- The mirror should be carefully installed and a qualified electrician should carry out the electrical connection.
- Low Voltage (12V) models installed outside of zone 1 must be supplied using a suitably rated and approved 12V transformer; e.g. a low Voltage lighting transformer. Models installed in zone 1 must be supplied by a SELV isolating transformer, with the source outside zone 1.
- The Mirror Demister would normally be connected by a fused spur onto the lighting circuit of the room. The demister should not, however, be left on for a sustained period of time if it is unable to dissipate its heat.
- In circumstances where the demister is being used for a sustained period of time, we recommend fitting a thermostat or a timer switch, to prevent overheating.
- As with any Class II heating device, Mirror Demisters can induce a charge in the metallic foil used within the construction of the mirror. If this foil is not earthed this can lead to a capacitance issue, where the foil builds up an electric charge which only dissipates when it is grounded. For installations with the possibility of touching the metallic foil within the mirror construction, we recommend that you consider installing an earth to alleviate this issue.

230V Technical Specification:

Heating element: Carbon with copper
Supply voltage: 230W/sqm +/-10%
Power output: 200W/m²
Housing: IP44 rated insulation
Coldtail lead: 1m 0.75mm² double insulated cable
Self Adhesive

12V Technical Specification:

SELV Rated
Heating element: Carbon with copper
Supply voltage: 230W/sqm +/-10%
Power output: 200W/m²
Housing: IP44 rated insulation
Coldtail lead: 1m 0.75mm² double insulated cable
Self Adhesive

Call 01444 247020 for installation advice

www.heatmat.co.uk

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Product information for 230V models:

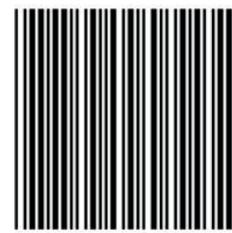
Product code	Size	Resistance	Wattage
MRH-274-0150	274 x 150mm	7557Ω	7W
MRH-274-0265	274 x 265mm	3527Ω	15W
MRH-274-0584	274 x 584mm	2116Ω	25W
MRH-300-0800	300 x 800mm	1102Ω	48W
MRH-400-0450	400 x 450mm	1469Ω	36W
MRH-524-0520	524 x 520mm	1058Ω	50W
MRH-524-0785	524 x 785mm	662Ω	80W
MRH-524-1040	524 x 1040mm	529Ω	100W
MRH-524-1505	524 x 1505mm	353Ω	150W
MRH-700-0780	700 x 780mm	508Ω	104W
MRH-700-0908	700 x 908mm	438Ω	121W
MRH-700-1036	700 x 1036mm	383Ω	138W
MRH-700-1100	700 x 1100mm	360Ω	147W
MRH-700-1228	700 x 1228mm	323Ω	164W
MRH-700-1292	700 x 1292mm	306Ω	173W
MRH-700-1420	700 x 1420mm	279Ω	190W
MRH-700-1484	700 x 1484mm	266Ω	199W
MRH-700-1612	700 x 1612mm	245Ω	216W
MRH-700-1676	700 x 1676mm	235Ω	225W
MRH-700-1804	700 x 1804mm	219Ω	242W
MRH-700-1932	700 x 1932mm	204Ω	260W
MRH-700-1996	700 x 1996mm	198Ω	268W
MRH-700-2124	700 x 2124mm	185Ω	286W
MRH-700-2252	700 x 2252mm	180Ω	294W
MRH-700-2316	700 x 2316mm	170Ω	312W
MRH-700-2380	700 x 2380mm	160Ω	329W
MRH-700-2508	700 x 2508mm	157Ω	337W

Product information for 12V SELV models:

Product code	Size	Resistance	Wattage
M12-274-0150	280 x 150mm	21Ω	7W
M12-274-0265	280 x 275mm	10Ω	15W
M12-274-0574	275 x 580mm	5.8Ω	25W
M12-300-0800	305 x 805mm	3Ω	48W
M12-400-0450	427 x 467mm	4Ω	36W
M12-524-0520	530 x 525mm	2.9Ω	50W
M12-524-0810	524 x 810mm	1.8Ω	80W
M12-524-1040	524 x 1040mm	1.5Ω	100W
M12-524-1550	524 x 1560mm	1Ω	150W

Product information for 12V SELV transformers:

Product code	Output (W)	Description
TRA-IRN-HIDE	5-40W	12V SELV Mirror heater transformer 5-40W
TRA-MEG-TRON	35-75W	12V SELV Mirror heater transformer 35-75W
TRA-BMB-LBEE	35-105W	12V SELV Mirror heater transformer 35-105W
TRA-STA-SCRM	50-150W	12V SELV Mirror heater transformer 5-150W



MRHX

Call our technical support team on 01444 247020 for installation advice

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