

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.

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- 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
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Call 01444 247020 for installation advice

www.heatmat.co.uk

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**Over 400 different sizes available including
12V SELV, 24V and 110V versions.**

Product information for 230V models:

Product code	Size	Resistance	Wattage
7015L025	150x 250mm	8747Ω	6W
7020L025	200 x 250mm	5977Ω	9W
7030L025	300 x 250mm	3842Ω	13W
7030L081	300 x 810mm	1153Ω	45W
7040L025	400 x 250mm	2831Ω	18W
7040L045	400 x 450mm	1544Ω	33W
7040L081	400 x 810mm	849Ω	61W
7040L101	400 x 1010mm	679Ω	76W
7050L053	500 x 530mm	1034Ω	50W
7050L077	500 x 770mm	708Ω	73W
7050L105	500 x 1050mm	517Ω	100W
7060L029	600 x 290mm	1590Ω	32W
7070L077	700 x 770mm	499Ω	103W
7070L089	700 x 890mm	863Ω	120W
7070L101	700 x 1010mm	379Ω	136W
7070L113	700 x 1130mm	339Ω	152W
7070L129	700 x 1290mm	296Ω	174W



MRHX



Please see the markings on individual products for details of their approvals

Call our technical support team on 01444 247020 for installation advice:
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