

HEATMAT

UNDERFLOOR HEATING

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www.heatmat.co.uk



Mirror Demisters

Heat Mat – Mirror Demisters

Automatic steam free mirrors

Mirror demisters are suitable for mirrors of all sizes and for a wide range of building projects from individual bathrooms, through to hotel and apartment developments. They are energy efficient and economical; a heater covering 40cm by 45cm uses only 33Watts of power per hour.

Mirror demisters are a simple to install solution to ensure mirrors remain permanently condensation free in a bathroom. Usually the demista pads are wired up through the lighting circuit of the bathroom so they only heat when the bathroom is in use.

- Automatically ensures mirrors are steam free after bathing or showering
- Uses up to 50% less power consumption than the leading alternative
- Regularly used in hotels, new build and refurbishment projects
- Bespoke sizes and voltages are available on request (110V, 24V and 12V SELV)
- Over 400 different sizes to ensure a perfect fit, every time

Mirror demisters are also known as mirror defoggers or mirror demistas. By choosing the demista by Heat Mat range product quality is guaranteed - these reliable and premium demista pads are made in the UK and supplied with Heat Mat's own Lifetime Warranty.

Product code	Size (mm)	Wattage
7015L025	150 x 250	6W
7020L025	200 x 250	9W
7030L205	300 x 250	13W
7030L081	300 x 810	45W
7040L025	400 x 250	18W
7040I045	400 x 450	33W
7040L081	400 x 810	61W
7040L101	400 x 1010	76W
7050L053	500 x 530	50W
7050L077	500 x 770	73W
7050L105	500 x 1050	100W
7050L149	500 x 1490	142W
7060L029	600 x 290	32W
7070L077	700 x 770	103W
7070L089	700 x 890	120W
7070L101	700 x 1010	136W
7070L113	700 x 1130	152W
7070L129	700 x 1290	174W

Sizes available direct from stock for next day delivery.
Over 400 more sizes available on a two-day delivery.



Mirror demister features

- A simple to install product that automatically ensures mirrors remain condensation free
- Suitable for nearly all types of mirror
- Available in various voltages and a wide variety of sizes which can be mixed and matched to ensure the perfect fit for your mirror, every time
- Low power consumption; uses half the power of some alternative systems
- Mains Voltage operation, removes the need for transformers
- Bespoke sizes, and low Voltage models available
- Transformers are available for 12 Volt SELV units
- Suitable for integration with a home automation or passive infrared system
- Resistant to moisture, vibration and ageing
- Supplied with a Lifetime Warranty
- Independently BEAB approved and made in the UK
- No thermostat required in standard installations

demista™
Clearly Perfect

Our complete range of Mirror demisters is manufactured in the UK by demista™





Selecting the correct size demister

Normally the mirror demister closest in size, but smaller than the mirror in question should be selected. The area covered will remain condensation free plus an additional margin around the edge of the mirror demister. We recommend covering at least 70% of the mirror to provide effective heating, and you should aim for a margin of 50mm (25mm min) between the edge of the mirror heater and the edge of the mirror.

Combining multiple units

Multiple units can be combined to ensure complete coverage for the mirror in question. When units are combined there must be a 10mm gap between each demister, and they should be wired in parallel.

Coverage

Although mirror demisters are usually installed covering the majority of the mirror, there is no requirement for this to be the case and some people prefer the look of a smaller panel in the centre of the mirror to be clear, surrounded by an area of condensation. To obtain this effect, select a mirror demister significantly smaller than your mirror.

Simple installation

Mirror demisters have a self-adhesive backing enabling it to be easily attached to the reverse of a mirror. The mirror can then be affixed to the wall and the mirror demister can be covered with mirror adhesive, which must be solvent free. If being used with a safety-backed mirror the

backing should be earthed, as should all metal parts surrounding the mirror.

Suitable for nearly all mirrors

Glass is a good conductor of heat and mirror demisters are suitable for all recognised thicknesses of mirror. The thicker the mirror, the longer it will take for the heat to permeate. We do not recommend heating mirrors with any cut-outs for sockets or lights etc. as these significantly weaken the mirrors and can lead to cracking.

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.

Hotel projects

Mirror demisters are particularly suitable for use in hotel projects where it can be wired in through either the bathroom lighting system or the key-card operated circuit. Mirror demisters are specified as standard in most new hotel complexes or refurbishments.

Bespoke mirror heaters

Bespoke units can be manufactured to order as required. Alternative requirements for panel sizes, lengths of coldtail or voltages can be easily accommodated.

Approved and guaranteed

Heat Mat's mirror demister systems are BEAB approved, manufactured in the UK in a BEAB approved factory and supplied with a Lifetime Warranty.

Mirror Demister Technical Specification

Heating element	Carbon with copper connections
Power output	200W/sqm
Supply voltage	230V +/- 10%
Alternative voltages	110, 24, 12V units available
Housing	IP44
Insulation	Double insulated
Dimensions	Varies between products
Coldtail lead	1m - 2x0.75mm ² double insulated cable

Voltage

Mirror demisters are available in standard 230V or 110V, 24V and 12V low-voltage SELV rated versions.

Standard 230V demisters are suited to the majority of bathroom refurbishments or installations.

SELV rated Mirror demister pads and transformers are available for areas where this level of protection is required such as wet rooms. This will be guided by the contractor on site and the project specifications.

Wiring

Can be wired through the lighting circuit, or to a separate switch if preferred. The circuit must be protected by a 5 Amp fuse or circuit breaker, and the wiring circuit must contain an all pole disconnection. Mirror demisters are not suitable for use with power supplies controlled via a dimmer switch.

Installation

Self-adhesive backing secures the mirror demister in place.



About Heat Mat

Heat Mat is part of the Heatcom group of companies, one of Europe's largest underfloor heating manufacturers. With Heat Mat's 25 years' experience of the UK underfloor heating market and a wealth of knowledge on Scandinavian ice and snow melting systems, you can rely on Heat Mat to understand your needs and supply the products to satisfy your requirements.

This is why we are the Professionals' Choice, the number one supplier of electric underfloor heating and ice and snow melting systems to the UK's professional installation market.

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