

Heat Mat

Underfloor Heating

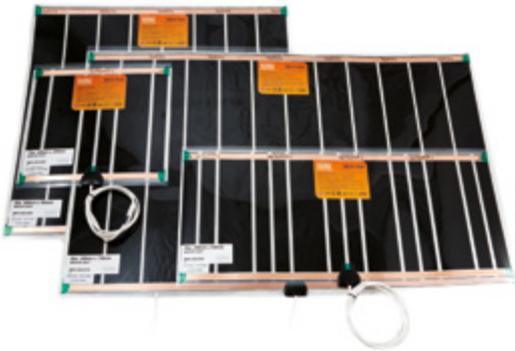
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Mirror Demisters

Heat Mat – Mirror Demisters

Automatic steam free mirrors



Mirror demisters are ideal for hotel developments or projects with multiple bathrooms. A simple to install solution to ensure mirrors remain permanently condensation free in a bathroom. The demister should be switched and can be wired up through the lighting circuit so it only heats when the bathroom is in use, and 40cm by 45cm unit uses only 36 Watts of power per hour.

- 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 (M12-XXX-XXXX units are 12V)
- 27 different standard 230V sizes to ensure a perfect fit, every time

Product code	Size (mm)	Wattage
MRH-274-0150	274 x 150	7W
MRH-274-0265	274 x 265	15W
MRH-274-0584	274 x 584	25W
MRH-300-0800	300 x 800	48W
MRH-400-0450	400 x 450	36W
MRH-524-0520	524 x 520	50W
MRH-524-0785	524 x 785	80W
MRH-524-1040	524 x 1040	100W
MRH-524-1505	524 x 1505	150W
MRH-700-0780	700 x 780	104W
MRH-700-0908	700 x 908	121W
MRH-700-1036	700 x 1036	138W
MRH-700-1100	700 x 1100	147W
MRH-700-1228	700 x 1228	164W
MRH-700-1292	700 x 1292	173W
MRH-700-1420	700 x 1420	190W
MRH-700-1484	700 x 1484	199W
MRH-700-1612	700 x 1612	216W
MRH-700-1676	700 x 1676	225W
MRH-700-1804	700 x 1804	242W
MRH-700-1932	700 x 1932	260W
MRH-700-1996	700 x 1996	268W
MRH-700-2124	700 x 2124	286W
MRH-700-2252	700 x 2252	294W
MRH-700-2316	700 x 2316	312W
MRH-700-2380	700 x 2380	329W
MRH-700-2508	700 x 2508	337W
M12-274-0150	274 x 150	7W
M12-274-0265	274 x 265	15W
M12-274-0574	274 x 574	25W
M12-300-0800	300 x 800	48W
M12-400-0450	400 x 450	36W
M12-524-0520	524 x 520	50W
M12-524-0810	524 x 810	80W
M12-524-1040	524 x 1040	100W
M12-524-1550	524 x 1550	150W

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



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	12V units are available
Housing	IP44
Insulation	Double insulated
Dimensions	Varies between products
Coldtail lead	1m 0.75mm ² double insulated cable

Voltage

Mirror demisters are available in standard 230V or low voltage 12V 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

With more than 1,400,000m² of underfloor heating installed, 22 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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Heat Mat

Underfloor Heating



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