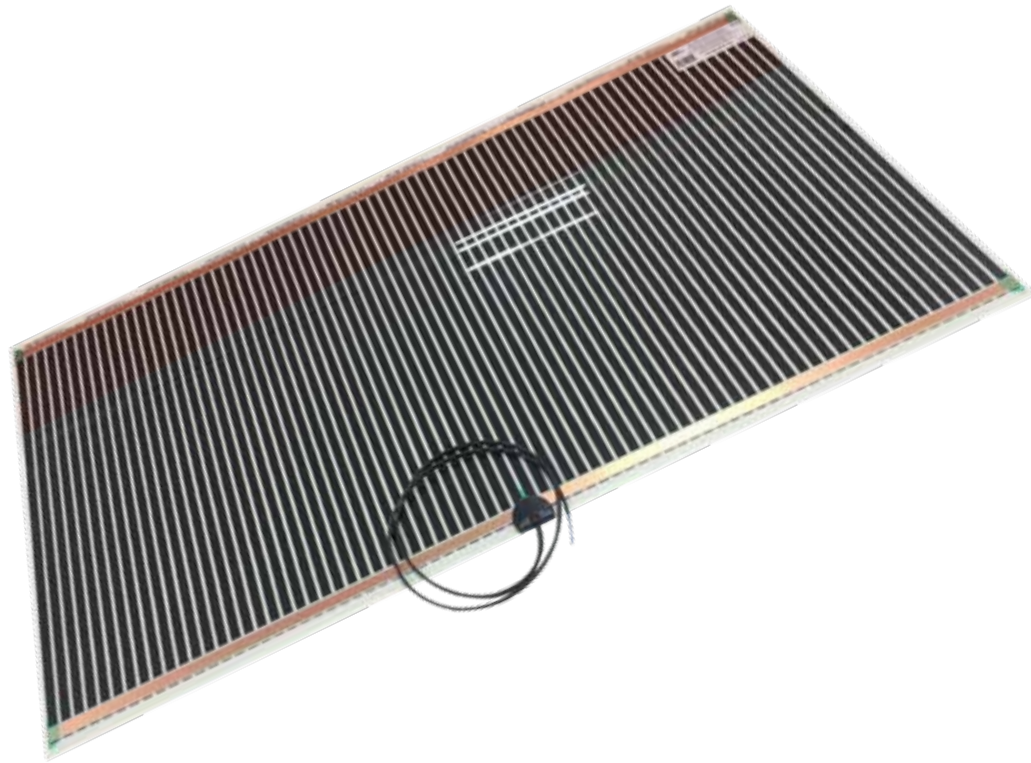


ATC Mirror Demisters

Eliminate steamed up Mirrors



Mirror Demisters

Steamed up bathroom mirrors were always accepted as an everyday problem that couldn't be solved.....until the introduction of Mirror Demisters. No more blurred or steamy mirrors; just turn on the light to see your reflection crystal clear.

They are simple to fit, economical to run, completely safe and maintenance free. They are UL & CE approved and have a 5 year warranty.

What is a Mirror Demister?

Mirror Demisters are a simple efficient, ultra slim heating pad that fits inconspicuously behind most bathroom mirrors - existing or newly installed. Once fitted, the mirror will never steam up in and around the area of the pad.

Easy to Fit

The pad is self adhesive, fits to the back of virtually any mirror and simply wires into the bathroom light fitting, fan or separate switch if preferred. Running costs are almost insignificant.

Code 220/240V	Size (mm)	Nominal (watts)	Box Qty
R-1111	252 x 274	15	1
R-1121	274 x 574	25	1
R-2121	519 x 524	50	1
R-2141	524 x 1004	100	1

Supplied with 1m cable

Product Features

- Simple to fit
- Low cost
- Economical to run - just 0.1 cent per hour!
- Completely safe
- Maintenance free

Warranty

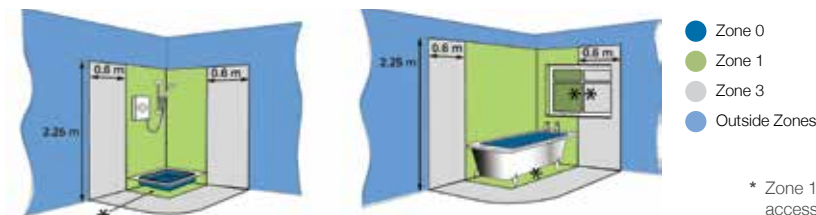
- 5 year warranty

Approvals

Class 11 product complying to the following standards.

- EC/INTERNATIONAL Approved to EN60 335-2-30:1997 & IEC 335 2-30:1996
- USA Recognised component by UL: certificate No. E 151390
- CANADA Recognised component by UL: certificate No. E 151390

Siting Equipment in a location containing a Bath or Shower



Zone	Outside of Zones Note 5	2 Note 6 IPX4†	1 Note 6 IPX4†	0 Note 6 IPX7††
230 V wall mounted plate switch		X	X	X
Luminare			Note 3	X
SELV of PELV safety source		X	X	X
Shaver supply unit		Note 2	X	X
Ventilation equipment			Note 3	X
Pull cord switch mechanism		X	X	X
Insulated pull cord				
SELV switches/Socket-outlets		Note 8	Note 7	X
Switches or controls in fixed current-using equipment suitable for use in the zone				
Whirlpool unit, electric shower, shower pump, towel rail of water heating appliance			Note 3	X
Equipment, such as a fan or light, protected by SELV or PELV at a nominal voltage not exceeding 25 V a.c. rms or 60 V ripple-free d.c.			Note 3	X
Equipment, such as a fan or light, protected by SELV or PELV at a nominal voltage not exceeding 12 V a.c. rms or 30 V ripple-free d.c.				Note 4
230 socket-outlet	Note 1	X	X	X

* Zone 1 if the space is accessible without the use of a tool Spaces under the bath or shower tray accessible only with the use of a tool are outside the zones
 **Window recess Zone 2

Notes:
 - All circuits of the location must have additional protection provided by one or more RCDs that have a rated residual operating current (IΔ n) not exceeding 30 mA and an operating time not exceeding 40 ms at a residual current of 5 IΔ n (701.411.3.3).
 - Providing all final circuits of the location have additional protection, meet the requirements for automatic disconnection and the installation is fitted with effective protective main equipotential bonding, then supplementary equipotential bonding may be omitted (701.415.2).



Note 1 Prohibited within a distance of 3 m horizontally from the boundary of zone 1.

Note 2 A shaver supply unit must be to BS EN 61558-2-5. The requirement for a degree of protection of a minimum of IPX4 in zone 2 does not apply to shaver units situated where direct spray from showers is unlikely.

Note 3 Equipment must be fixed, permanently connected, and suitable for zone 1 according to the manufacturer's instructions.

Note 4 Equipment must be fixed, permanently connected, and suitable for zone 0 according to the manufacturer's instructions.

Note 5 The general requirements in Parts 1 to 6 of the Regulations are applicable outside of the zones including Regulation 512.2.1, which requires equipment to be of a design appropriate to the situation in which it is to be used or its mode of installation must take account of the conditions likely to be encountered.

Note 6 The general requirements in Parts 1 to 6 of the Regulations are applicable within the zones of a location containing a bath or shower but are supplemented by the additional requirements in Part 701 of BS 7671.

Note 7 Only SELV switches permitted, which must be supplied at a nominal voltage not exceeding 12 V a.c. rms or 30 V ripplefree d.c.

Note 8 SELV switches and socket-outlets permitted.
 † Equipment must have protection of at least IPX4 (IPX5 if water jets are likely).
 †† Equipment must have protection of at least IPX7.