

ClearView™

The visible choice for bathroom mirrors.



Installation & Safety Instructions for Mirrorworld ClearView™ System.

Congratulations on Purchasing Mirrorworld ClearView™ mirror demisting system, please read the following instructions carefully before installing your Clearview™ system.



Safety Information BEFORE commencing installation

Ensure all electrical circuits are isolated before attempting to connect your new Clearview system. The Clearview System is NOT to be used in Sauna's, Steam rooms or Showers. Please check your Clearview system for any signs of damage before installations, Rips tears etc. as this may stop the device from working properly. When using multiple units together on one large mirror, these must NOT be overlapped but placed side by side allowing a clearance of at least 2cm. The wiring MUST be in parallel, DO NOT connect in series. The power rating of the circuit should also be checked to determine that the heaters will NOT overload the lighting circuit. Clearview Systems are a sealed unit and must NOT be cut, drilled or resized as this may sever the internal element. Many sizes and shapes are available to choose from. Caution should always be taken when installing electric equipment, if in doubt consult a qualified electrician. Clearview system must NOT be sited within 0.6m of any bath or shower basin. Unit fitted within 0.6m - 3m of bath or shower basin must be installed with RCD protection. The unit is designed for use with Zones 2 and 3 and is not suitable for use in Zones 0 and 1. Refer to Bathroom Zone Guide if you require further information.

The Clearview pads Conform to 89/336/EEC Electromagnetic Compatibility Directive, 73/23/EEC Low Voltage Directive and CEI EN60335 – 1, CEI EN 60555, CEI EN55014 Safety Standards EN Norms.

ClearView De-Misting Pads Facts

Working Principle of ClearView™ Pads

ClearView™ De-Misting Pads effectively works by transforming electricity power into heat energy, thereby heating up the mirror surface to a comfortable temperature of between 10 – 15°C by the special rated power, which helps keep the mirror surface free from condensation.

Facts about the ClearView™ Pads:

1. The thickness of the film 0.4mm, and therefore guarantees the effective transfer of energy.

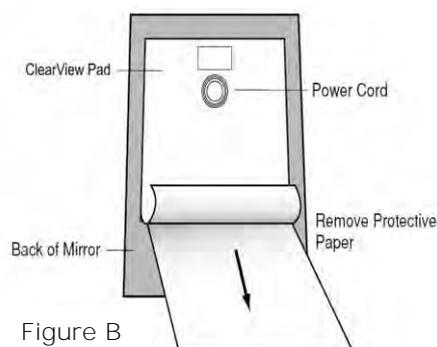
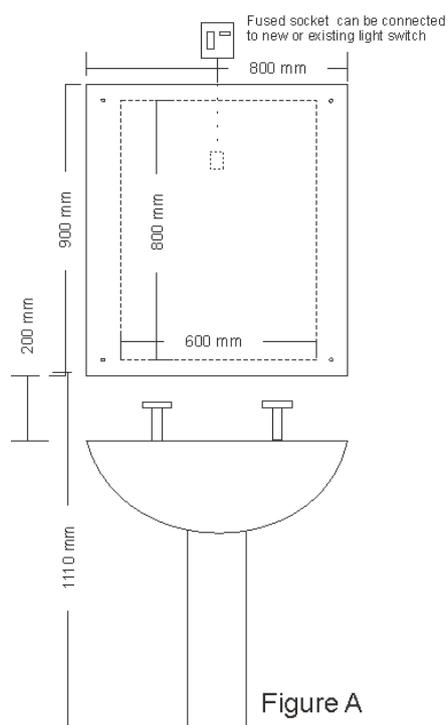
- Energy Saving the ClearView pads are made with full backing self- adhesive glue, which ensures effective energy conduction.
- Safe to Use: All our pads are manufactured with excellent raw materials which meet International standards. The finished product quality confirms to the corresponding international standard.
- The back self-adhesive glue is not only good for heat conducting, but also safe to use in most moist bathrooms.
- ClearView™ Demisting pads are available in different shapes and sizes.
- Easy to install: With self-adhesive backing glue, ClearView De-misting pads are easy to install to mirror and work effectively.
- The Demisting pad cable is approximately 1 metre in length.
- Our mirrors Conform to 89/336/EEC Electromagnetic Compatibility Directive, 73/23/EEC Low Voltage Directive and CEI EN60335 – 1, CEI EN 60555, CEI EN55014 Safety Standards EN Norms.
- The Clearview pads have been IP54 rated.

Preparation for fitting the ClearView™ Pad

Preparation is the most important part of any project, read all the guides and have the correct tools to hand to complete the job.

Prepare and measure the most suitable location for your new mirror, remembering that not everybody in the household may be your height.

Figure A shows dimensions for fitting a typical ClearView™ mirror with Screws, above a sink. (These dimensions are for example only) Preparation for fitting the ClearView™ Pad.



Fitting the Clearview System.

- Place your mirror face down on a flat surface
 - Clean the mirror reverse to remove dirt or grease.
 - Firstly, draw with a felt pen or Very lightly with pencil as not to scratch the back of the mirror.
 - Then starting from the upper edge peel 1–2cm of the plastic backing away from the pad and fold over, exposing one edge 1-2cm wide of sticky surface.
 - Align this edge with the marks made on the back of the mirror, taking care that the edge is straight (see **Figure B**)
- Carefully peel away the remaining protective cover and gradually smooth down from the top edge, taking care to remove any air bubbles.
 - A minimum gap of 25mm should be maintained around the heating pad from the edge of the mirror.
 - If using mirror adhesive to fix the mirror to the wall, ensure that no adhesive is in contact with the ClearView™ pad. Also ensure that there is enough adhesive on the area of the mirror not covered by the pad to secure it to the wall.
 - The mirror must be installed on to a wall which is sound, has a flat and level surface, which is free of moisture. The wall must also be capable of bearing the weight of the mirror. The mirror must be fixed completely flat to the wall to prevent stress to the mirror and in accordance with the manufacturer's instructions, using suitable fixings. Mechanical fixings must NOT pierce or touch the demister OR create undue stress on the mirror or demister due to over tightening. If the demister is to be adhered to the wall the complete surface of the mirror back and demister must be coated with the adhesive.
 - If you are going to affix the mirror with screws, you should ensure the screw grommets have been put through the rear of the mirror so that only the mirror is in contact with the spacers and is free to move slightly.
 - If you are not chasing the ClearView™ cable into the wall, you should ensure that space is made for lead behind the mirror, so that the cable will not place pressure on the mirror itself.
 - The mirror should be carefully installed and a qualified electrician should carry out the electrical connection.
 - Many options will be available for connecting to the power supply and switching on/off of the system. We recommend that the ClearView pad is connected by a fused spur onto the lighting circuit of the room. The ClearView™ pad should not, however, be left 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 timer switch to prevent overheating.
 - Mirrorworld are NOT responsible for fitting your ClearView™ system and the above notes are for the purposes of guidance only.

Electrical Considerations

As with all electrical projects governed by Part P regulations, all mains electrical connections must be undertaken by a certified electrician. All work must be carried out in accordance with the IEE wiring regulations to BS7671 or national regulations.

The circuit should be protected by a 5amp fuse or circuit breaker

Any metal parts which are accessible and are in contact with the mirror i.e. foil backing or a metal frame must be earthed / grounded in compliance with BS7671 or comply with current regulations.

Mirrorworld Ltd cannot be held responsible for damage or repairs required as a consequence of faulty installation or application OR due to the use of components or accessories which are not compatible with this unit.

Cleaning the Mirror

Once the mirror has been installed it may be cleaned in the any normal mirror may be cleaned using Mirror / glass Cleaner and a soft dry lint free

Size and Energy Consumption of the ClearView Demisting pad.

The following are examples:

Rectangular Defogger Pad

Product Code	Size	Watts	Kw.h
MIRCV001	400x600mm	36	0.036
MIRCV002	450x650mm	45	0.045
MIRCV003	600x800mm	77	0.077
MIRCV004	600x900mm	87	0.087
MIRCV005	750x1000mm	123	0.123
MIRCV006	850x1200mm	169	0.169
MIRCV007	920x1200mm	184	0.184
MIRCV008	1200x1500mm	305	0.305
MIRCV025	400 x 350mm	20	0.020
MIRCV026	700 x 450mm	49	0.049
MIRCV028	710 x 210mm	20	0.020
MIRCV029	210 x 290mm	8	0.008
MIRCV030	250 x 300mm	10	0.010
MIRCV031	350 x 350mm	17	0.017
MIRCV032	600 x 600mm	56	0.056
MIRCV033	1500 x 1000mm	252	0.252
MIRCV034	1200 x 600mm	117	0.117
MIRCV035	500 x 500mm	38	0.038
MIRCV036	1100x500mm	88	0.088
MIRCV037	1000x450mm	71	0.071
MIRCV038	750 x 600mm	67	0.067

Oval Defogger Pad

Product Code	Size	Watts	Kw.h
MIRCV009	400x600mm	36	0.036
MIRCV011	600x800mm	77	0.077
MIRCV013	750x1000mm	123	0.123
MIRCV014	850x1200mm	169	0.169
MIRCV015	1000x1200mm	200	0.200

Round Defogger Pad

Product Code	Size	Watts	Kw.h
MIRCV017	380x380mm	21	0.021
MIRCV018	520x520mm	41	0.041
MIRCV019	640x640mm	65	0.065
MIRCV020	780x780mm	99	0.099
MIRCV021	880x880mm	127	0.127
MIRCV022	1000x1000mm	166	0.166

For further details about our ClearView™ Demisting pads Call our friendly sales team on 0333 800 8181 or email sales@mirrorworld.co.uk