

SUMU

M i r r o r D e f o g g e r

INSTALLATION INSTRUCTIONS

Congratulations on the purchase of your new MUSU mirror defogger. Please read all of the instructions before beginning and follow the instructions provided for a problem free installation. Once the system is installed behind the mirror, each time you turn on the lights the defogger will begin to work clearing the mirror of any fog. By following the simple instructions will yield the best results from your mirror defogger and provide many years of enjoyment.

▲ SAFETY PRECAUTIONS!

- All wiring should be performed by a trained professional who is certified to do electrical wiring.
- Make sure circuit breaker is turned off at the main panel before beginning.
- Your new mirror defogger should never be installed in the sauna, steam room or in the shower.
- Do a visual inspection of your new MUSU mirror defogger before you begin installation for cracks, creases, tears, or other obvious damages. If there are damages contact your place of purchase immediately.
- When installing the defogger on the back of the mirror, never overlap the defogger with another defogger when more than one is being used.
- DO NOT PUNCTURE, USE STAPLES OR NAILS TO MOUNT YOUR MIRROR DEFOGGER. The heating element of the mirror defogger should never be cut or damaged. Doing so will render the product useless and can not be repaired.
- You may trim excess material on oval or round models, but leave at least 2cm of material around heating element.
- The power supply cable of the defogger should not be pulled or drawn forcefully, this may cause damage to the defogger.
- Please use caution at all times when installing any electrical devices.

How to Clean Mirror

Cleaning of the mirror is the same. Use ordinary window cleaner the same as you would any other mirror.

Determine Location

STEP 1

Mark the location of the MUSU mirror defogger on the wall and mark where the lead wires leave the defogger (refer to Diagram A).

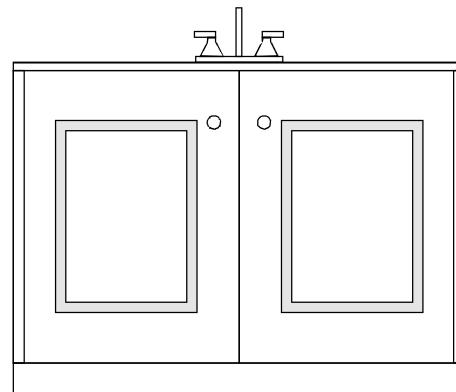
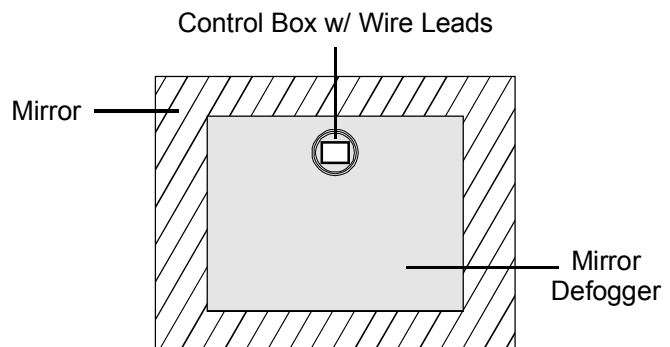


Diagram A

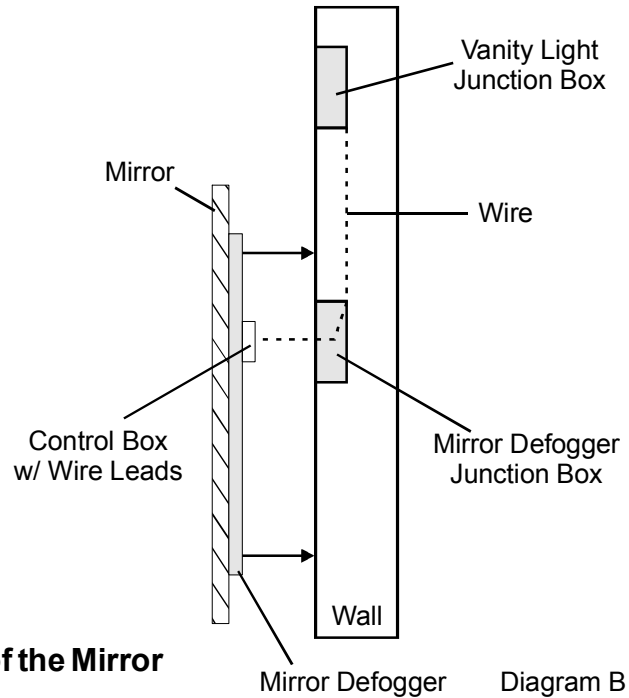
Prepare Electrical Rough-In and Wiring

STEP 2

Refer to the marks you made in the wall as to where your new mirror defogger will be located. Install a 2"x3" remodeler's electrical junction box in line with the mirror defogger's lead wires (refer to Diagram B). The location of the lead wires must be entirely inside the electrical box.

STEP 3

Run power cable from existing vanity lighting electrical box to the new electrical junction box. This is the most convenient way to connect your mirror defogger. This will allow the mirror defogger to be activated automatically each time the lights are turned on.



Attaching the MUSU Mirror Defogger to the Back of the Mirror

STEP 4

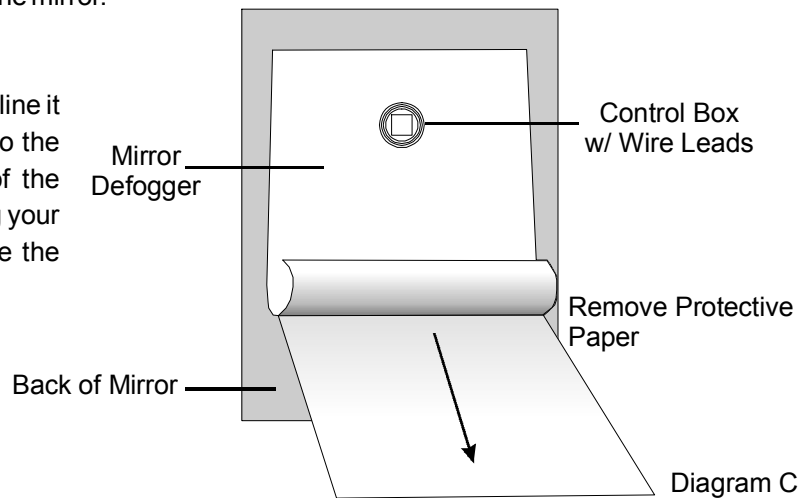
Make sure the back of the mirror is clean, dry and grease free. Temporarily attach the defogger to the back of the mirror with masking tape after you have found a suitable location for the defogger.

STEP 5

Dry fit the mirror with the mirror defogger to the wall making sure the lead wires match the new electrical junction box. If everything lines up, draw a line around the defogger with a pencil on the back of the mirror as to where the defogger will be adhered. Careful not to press too hard because you may damage the backing on the mirror.

STEP 6

Peel back 2"-3" of the backing from the mirror defogger and line it up with the outline drawn in step 5. Adhere the defogger to the back of the mirror from the top. Slowly remove more of the backing as you progress and sticking it to the mirror working your way down. Try to smooth out any bubbles as you adhere the defogger (refer to Diagram C).



Electrical Wiring

STEP 7

Position mirror on top of vanity, (at this point it would be helpful if you had another person to hold the mirror) so the leads can be connected to the new power cable in the junction box. Wiring the two leads on the mirror defogger to the leads in the wall can be done either way because the mirror defogger is not polarity sensitive.

STEP 8

Install mirror according to manufacturer's instructions making sure all the excess wire from the mirror defogger is pushed inside the junction box.

Technical Specs

Voltage: 110V / 60Hz
Input Power: 2.0 - 2.5W/dm²
Average Temp: 10 - 20 °C
Thickness: 0.4mm (0.0156")

5 Year Warranty!!



Andy Tse
Calgary, Alberta
andy@sumu.ca
p. 403-560-6558
f. 403-451-1843