Comfortline Mirror Demister - Specification.

This section relates to the supply and installation of **Comfortline Mirror Demister** for heating and controls in domestic, residential, education, community, commercial and industrial applications.

**1. DOCUMENTS.**

1.1 **Product and installation Compliance Documents**

 Compliance with the following documents is required during the installation, commissioning, and testing of installed Devi products:

 [NZBC G9](http://www.masterspec.co.nz/redirect.aspx?pl=251)/VM1 Electricity, 1.0 Electrical installations.

 AS/NZS 60335-1 Safety – General requirements.

 AS/NZS 60335-2.96 Safety – particulars.

### 1.2 **Manufacturers Documents.**

 **Comfortline** product information, installation instructions and warranty documents are supplied with all products.

 Additional copies of these instructions are available from:

 Web: [www.devi.co.nz](http://www.devi.co.nz)

 Email: info@devi.co.nz

 Telephone: South Island 03 348 0070 or 0800 468 356

 North Island 09 415 7250 or 0800 927 635

1.3 **Warranty –** **Manufacturer/Supplier**.

The manufacturer’s warranty is:

 Comfortline MHF series of mirror demister. 2 years.

 Warranties must be provided using the manufacturer/supplier standard forms as supplied. Warranties commence from the date of the demister installation.

 Work undertaken by each subtrade shall be covered by their own warranty.

### **2**. **RELATED WORKS.**

 Electrical specification.

 Glazing specifcation.

**3. CONDITIONS.**

All work and materials must comply with Comfortline installation instructions.

### **4.** **QUALIFICATIONS.**

###  Installation can be undertaken by glazier or Electrician. Electrical connection by electrician.

###  Refer section 7.3 for livening.

**5.** **COMFORTLINE PRODUCT AND DESIGN INFORMATION.**

5.1 Substitutions are not permitted to any Comfortline demister or associated products, components, or accessories.

5.2 Comfortline mirror demisters are European manufacturedproduct and made to stringent quality procedures in ISO9000 registered facility.

5.3 Comfortline mirror demisters are a self-adhesive product designed to mount on the rear side of mirror or the wall behind the mirror.

5.4 **Demister Options.**

* MHF12 12W 274mm X 252mm
* MHF25 25W 274mm X 574mm
* MHF50 50W 524mm X 519mm
* MHF100 100W 524mm X 1004mm

 (Delete demister models that are not applicable then delete this line).

6. EXECUTION.

### 6.1 **Confirm Layout.**

 Before commencing work confirm the size, mirror attachment and power availability.

### 6.2 **Co-ordinate Services.**

 Co-ordinate and co-operate with other sub-trades to avoid any conflict with the installation of the system.

6.3 **Preliminary Works.**

 Prewire electrical cabling according to the heating design.

### 6.4 **Installation of Comfortline Mirror Demister.**

 Installation is to be carried out in accordance to manufacturers’ installation guide.

 Allow for termination box recess.

 Ensure the back of mirror is clean and dry.

 Remove adhesive backing and install onto the rear of the mirror or on the wall, as suits.

6.5 **Electrical connection.**

 Demister may me wired from either:

 Light switch.

 Extraction fan switch.

 Heated towel rail switch.

 Or its own autonomous switch or device.

 Wiring is to be executed in accordance to manufacturer’s instructions by a registered electrician.

 .

### **7.** **TEST PROCEDURES AND COMMISSIONING**

7.1 Refer AS/NZS3000 section 8 Verification.

7.2 Complete visual inspection and conductor resistance test prior to livening the circuit. Record the tests in the record panel in the installation manual. The manual is to be given to whomever the electrician is contracted.

7.3 A registered electrician must complete the test result panel and associated Certificate of Compliance.

### **8.** **CLEANING**

 Check site for safety and remove all surplus materials.