

## PRODUCT DATA SHEET

Product Code: FH705D

Product Description: ClearGlow 3 in 1

Powerful, exhaust extracts mist that can cause mould and dampness and expels it outside your home; two 275 watt heat globes provide instant heat and a 100 watt reflector bulb for illumination.

- Easy to install
- Powerful, fan motor due to blade pitch design
- 3 metres of 150mm diameter ducting included
- Unique 'no fuss' all in one unit
- 2 x 275 watt heat globes
- 1 x 100 watt reflector light
- 3 way wall switch
- All parts are included
- Allows operator to control individual functions with ease
- 3 Year Extended Warranty



**Product Use** The FH705D is used for the lighting and extraction of mist.

Typical applications:

- Bathrooms

**Environmental conditions**

Operation	to IEC 721-3-3
Climatic conditions	class 3K5
Temperature	0...+50°C
Humidity	<95% r.h.

**Standards**

Test standards	AS/NZS 3350.2.80:1998 Amdts 1-3 "Electric fans". AS/NZA 3350.1:2002 incl. Amdt 1-2 "Safety of household and similar electrical appliances"
Test Report No	SD3190
Electrical Approval No	V05120
EMC Compliance	This is a Level One product with a C frame motor that has a very low risk of causing EMC interference

**General**

Weight	4kg
Colour of front fascia	white
Housing material	Sheet Steel
Cut-out size for main body	161mm x 364mm
Cut-out size for outlet vent	155mm

**Ordering**

When ordering, please give name and type,	
Reference:	FH705D ClearGlow 3 in 1
Barcode:	942000490058-7

**Product Documentation** Unit Instructions: INS\_705D

**Technical Data**

Power Supply	230 VAC
Power Consumption	max. 2.92Amps
Supply Line Fusing	max. 10A
Connection terminals	screw clamp terminals
For solid wires	2 x 1.5mm <sup>2</sup>
Motor	230-240VAC 50Hz 0.2 Amp
Motor Insulation Class:	H
Total Motor Wattage:	23 Watts
Motor Protection:	Thermally Protected
Total Product Wattage:	673 Watts
Free Air Fan Performance:	286m <sup>3</sup> /hr / 79.4/sec
Installed Decibel Rating at 1.5 mtrs:	46 Db

## PRODUCT INSTALLATION STEPS:

1. Position the included **template (previously cut from underside of carton)** in the area you want your ClearGlow™ and draw around the inside edge with a pencil to mark the hole cutting size. **Be sure to check above the unit for a minimum clearance space of 225mm, and the location of the ceiling joists, and electrical wiring before cutting.** Note: for optimum performance, the unit must be mounted no more than 3 metres from the outlet vent.
2. Use a saw to cut out the pencil drawn lines of the template area. Make sure the corners are cut square and to size.
3. Insert your ClearGlow™ completely into the ceiling by sliding it sideways into the hole in the ceiling and back again, until the unit rests in its final position with the two 'lips' on each end resting over the edge of the cavity.
4. Screw Centre globe into place. ClearGlow™ is designed to accept up to 100w R80 Screw in globes. (G100).
5. The Fascia has been designed to securely hold the heat lamps in place and minimise movement. Fit it back onto the main body ensuring that the two spring clips are fastened correctly in place. **Note: The fascia securing spring clips are to be clipped into the two 2mm diameter holes at each end of the metal housing before securing the fascia.**
6. Screw the two large heat globes through the surround holes, tighten firmly, but do not force. Use only 275w heat Globes. This unit is not designed to take higher than 275w heat globes
7. Position the outlet vent back on the soffit or outside wall in the area you want the vent, and using it as a guide draw the circle with a pencil to mark the cutting hole size.
8. Use a saw to cut out the pencil drawn lines.
9. Slide the outlet vent back & cover into place and screw on using the four 6x30DS screws provided.
10. Attach the ducting length to the ClearGlow Housing, and then attach the other end to the exterior outlet vent (per illustration above). Secure both ducting length connections with the provided duct tape. Ensure that the included ring / clamp is fitted securely to the rear of the fan unit – this is a safety feature.
11. Connect the wiring as illustrated above. Installation must be in accordance with the appropriate wiring laws. Weiss NZ Limited recommends that the electrical installation be completed by a qualified electrician.

