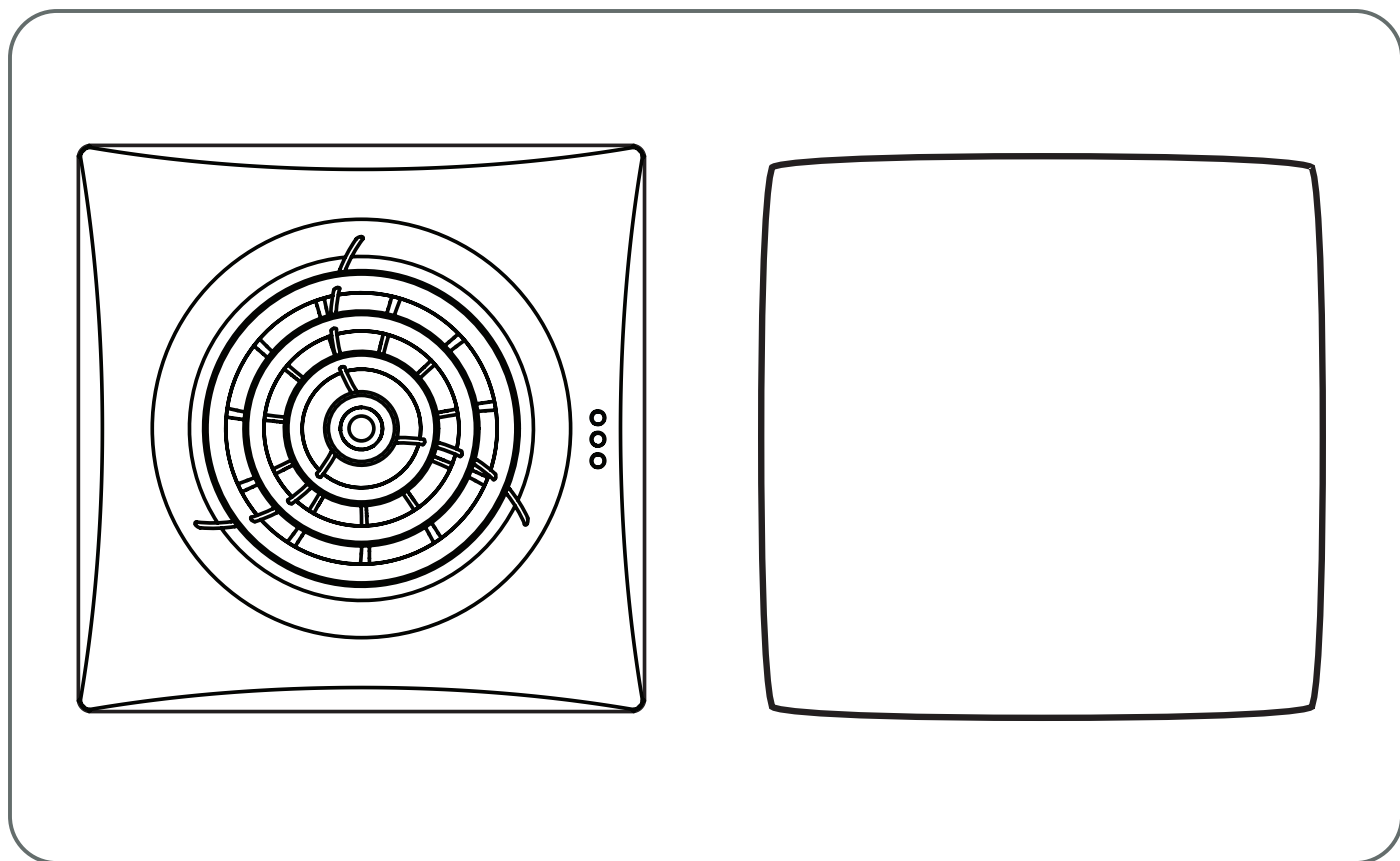


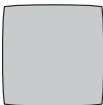
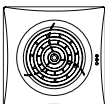
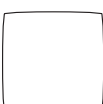


Installation Guide Hush / Breeze Ventilation Range



Thank you for purchasing this hib. product

Please read through these instructions carefully and refer back to them during installation to ensure that your product is fitted safely and that it retains its high quality finish.

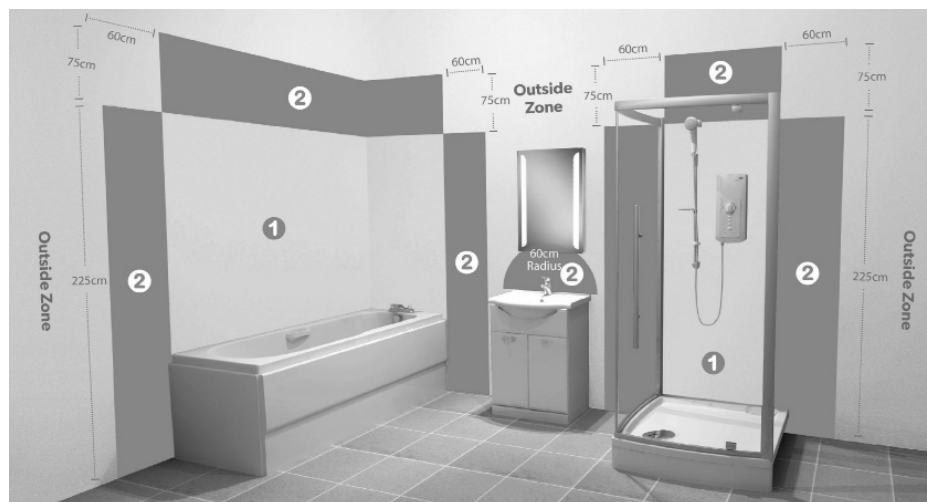
		Breeze Black Timer: 35200 Timer & Humidity: 35300
Hush Chrome Timer: 33100 Timer & Humidity: 33200		 Breeze Chrome Timer: 32800 Timer & Humidity: 32900
Hush Matt Silver Timer: 31700 Timer & Humidity: 31800		 Breeze Matt Silver Timer: 31300 Timer & Humidity: 31400
Hush White Timer: 31500 Timer & Humidity: 31600		 Breeze White Timer: 31100 Timer & Humidity: 31200

Electrical Zoning Information & Diagram

This product contains a light source of energy efficiency **Class E**

This product is IP44 rated and suitable for installation in **Zone 2** and **Outside Zone**

Fig 1 Zonal Diagram



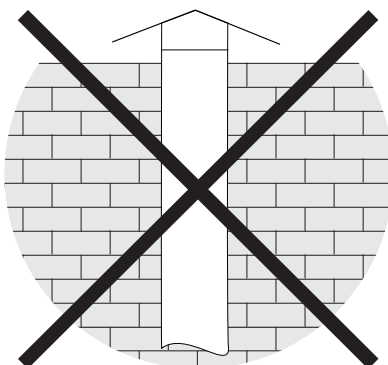
All installations must comply with guidelines which are based on a zonal concept and must be followed to ensure the safe installation of electrical appliances in the bathroom. These regulations apply to domestic installations only. Installations must be made in accordance with the current IEE wiring regulations and relevant building regulations.

We recommend that all electrical bathroom products should only be fitted by a suitable, qualified, Part P registered electrician. Ensure mains power supply is switched off before starting installation. Before drilling, ensure there are no hidden cables or pipes in the wall.

Installation Instructions

1. Choose a suitable position for your fan according to Figure 1 on the back page. Use a cable finder to check if there are any buried cables or pipes in the wall or ceiling. Draw around the outside of the fan with a pencil to determine its exact position.
2. Make a suitable sized hole in the wall/ceiling with the appropriate tools. *N.B. If wall mounted ensure the hole is angled slightly downward to stop any moisture running back into the motor. If mounted in the ceiling ensure the hole is between the joists.*
3. Fit flexible ducting into the hole, flush with both sides of the wall. Ensure the duct slopes slightly downwards towards the outside. Make good any plasterwork around the duct.
4. Position the fan back into place, and mark the four fixing points. Drill the required holes in the marked positions. If drilling through tile, use a ceramic drill bit. Insert wall plugs into the drilled holes.
5. Follow a similar procedure for the outside wall grille.
6. If ceiling mounted the ducting should be routed to the nearest soffit.

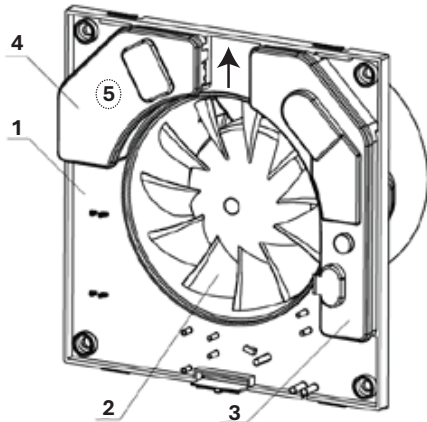
For ceiling mounting follow procedure for wall mounting, making sure ducting isn't mounted vertically to the outside. This is to ensure moisture doesn't come back into the motor (see below).



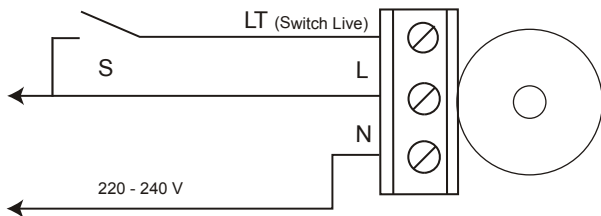
Electrical Connection Instructions

Hush

Please ensure that the fan unit is positioned in accordance with the diagram below i.e. With the electrical access point (5) top left.

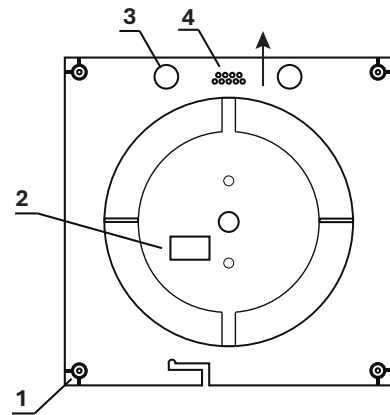


1. Casing
2. Fan Propeller
3. Function Module
4. Terminal Block Cover
5. Electrical Access Point

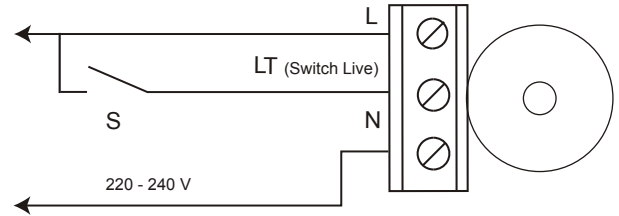


Breeze

Please ensure that the fan unit is positioned in accordance with the diagram below i.e. With the electrical access point (3) top left.



1. Holes for Fan Mounting x4
2. Terminal Block
3. Electrical Access Point
4. Wire Fixing Rack

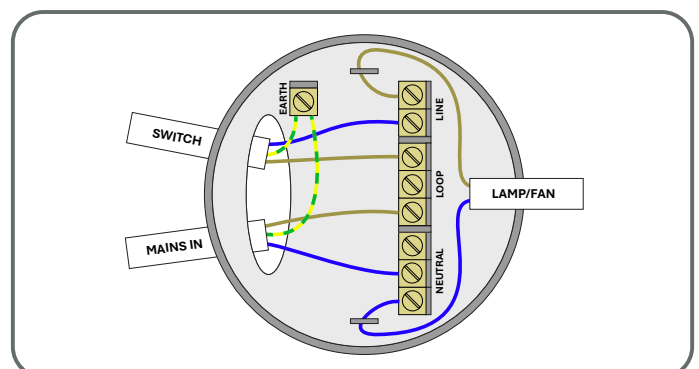


1. Ensure the domestic electrical mains supply to which the fan is being connected is turned off. This product is designed to be connected to an on/off switch outside the bathroom, or to a ceiling mounted pull cord switch.
2. **Hush Only:** Remove the front panel and protective cover (4). Pass the power wire through the hole in the rubber plug (beneath protective cover) at the fan casing flange.
3. **Breeze Only:** Remove the protective grille. Cut out blanking plug of electrical access point (3) and lead the power supply cords through the hole.
4. Make the electric connections according to the relevant wiring diagram above. See diagram of ceiling rose below to ensure correct feeds are used. **Please note that the fan may operate immediately when connected, this is normal and due to a residual charge left during testing.**
5. Fix the fan to the wall using 4 screws.
6. Replace the cover and protective grille.

Fascia Removal:

Hush: Depress plastic nodule on the side of the fascia and gently prise away from the casing.

Breeze: In order to remove the fascia for maintenance, please remove the small retaining screw and gently prise the fascia away from the casing.



Operating Instructions

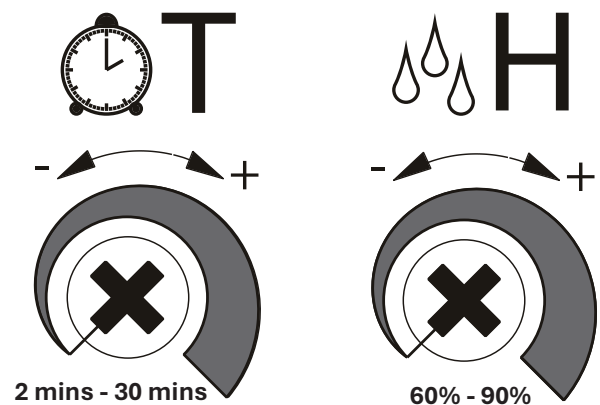
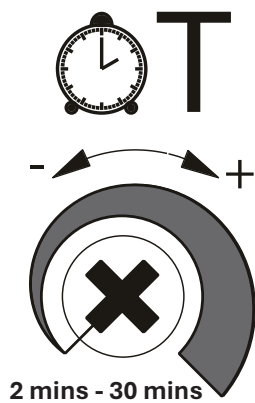
Timer

With timer option switches on as control voltage is supplied to LT terminal. After voltage is off, the fan continues operating within the set time period T, adjustable between 2 and 30 min. The time is regulated by turning the potentiometer T clockwise to increase and anticlockwise to decrease the run time.

N.B. Always use the plastic screwdriver provided to adjust the settings to avoid damaging the control unit.

Timer & Humidity

Fan with timer and humidity sensor will operate when a control voltage is applied to the LT terminal OR when the humidity exceeds that set on the potentiometer. If this is set at its lowest (60%) the fan will run most of the time. When set at the highest setting (90%) the fan will only operate at higher level humidity. Once humidity has been reduced the fan will run until the required setting on the timer is reached. Time T and humidity H values are regulated by turning the appropriate potentiometers T and H clockwise to increase and anticlockwise to decrease the running-out time and humidity level respectively. To set the maximum humidity level set the potentiometer in H max (90%) position.



Maintenance & Aftercare

In order to maintain the safe and effective operation of the fan regular maintenance must be performed. Fan maintenance is to be performed only after the fan is disconnected from the mains power supply. This includes periodic cleaning of the surface of dust and dirt.

All surfaces should be cleaned with a diluted detergent and a soft cloth. Avoid water dripping on the electric components. Wipe the surfaces dry after cleaning. **DO NOT** use abrasives or solvents when cleaning this product.

Aftercare service: In the unlikely event that this product should fail, please contact HiB customer services. The details are shown below.



WEEE compliance

Must not be mixed with general household waste

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Trade Mark No: UK00004178332