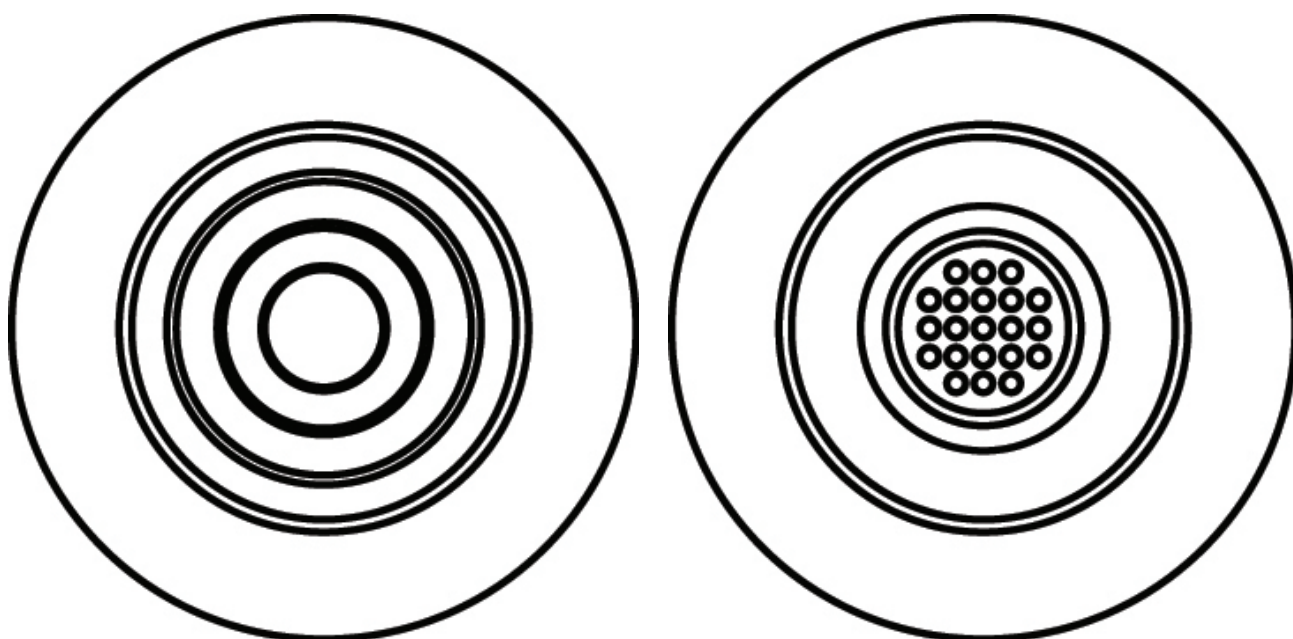


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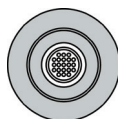
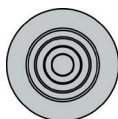
Installation Guide Cyclone Ventilation Range



Thank you for purchasing this hib. product

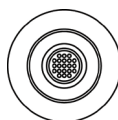
Please read through these instructions carefully and refer back to them during installation to ensure that your product is fitted safely and that it retains its high quality finish.

Cyclone Chrome Non-Illuminated
33400



Cyclone Chrome Illuminated
Cool White: 32700 Warm White: 33700

Cyclone White Non-Illuminated
33300



Cyclone White Illuminated
Cool White: 32600 Warm White: 33800

Components - What's in the Box

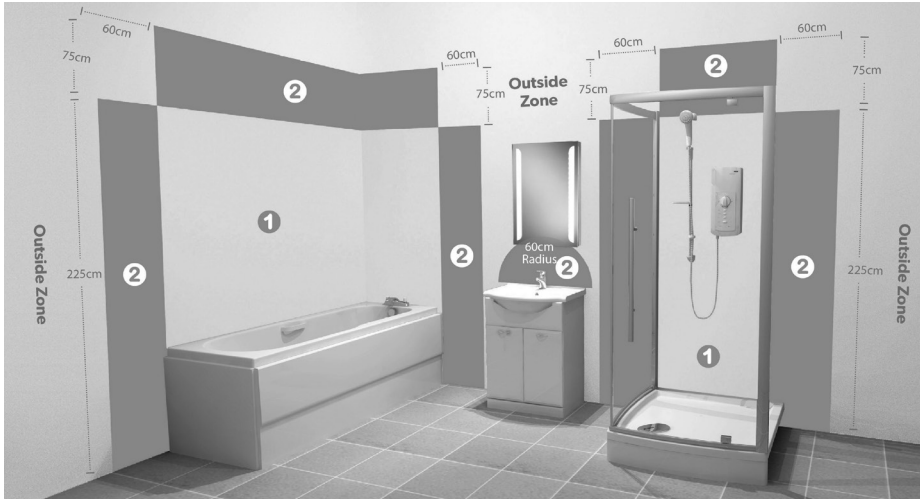
- High Powered Inline Fan
- 3 Metre Flexible Ducting
- Brown External Fixed Grille
- Plastic Screwdriver
- Screw & Dowels Pack
- Galvanised Steel Hose Clamps x4
- Fascia
- LED Driver (Illuminated Vents)
- Fitting Instructions

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**

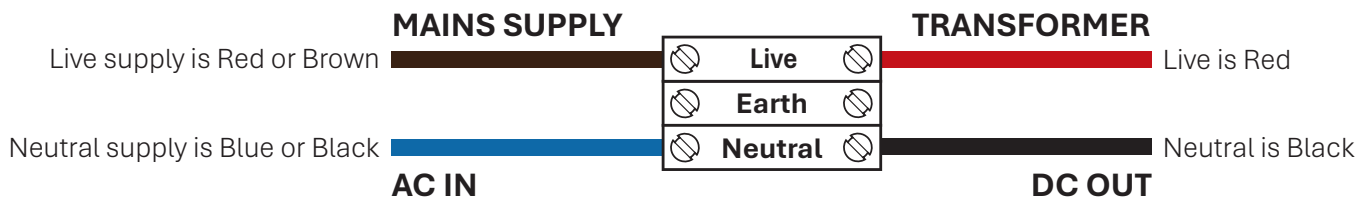
Fig 1 Zonal Diagram



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.

Electrical Safety Information & Wiring Diagram



Timer System

The timer circuit is under mains Voltage. Ensure mains power supply is switched off before making any adjustments.

The fan is operated by turning on the wall switch. When the switch is turned off the fan will continue to operate within the set period of time. Adjustable between 2-30mins. This can be adjusted by turning the potentiometer T clockwise to increase and anti-clockwise to decrease the run time.

ONLY use the screwdriver provided to adjust the timer setting.



Mounting Fascia

1. The ventilation should be ducted through the roof space, ducting to an external soffit under the eaves or grille in the slope of your roof. **Ducting can only run between joists, not across them.**
2. Mark the position of the fascia with a pencil in a suitable position on the ceiling, making sure that it is between joists.
3. Drill a 9mm hole through the ceiling along the edge of the pencil line. Now cut out the hole with a pad saw.
4. Hold the fascia against the ceiling and mark the position of the fixing holes, fix the unit in place using suitable fixings - (not supplied)
5. Attach the flexible ducting with the metal hose clamps. **Ensure the ducting has a smooth flow towards the motor body. Follow a similar procedure for the outside wall grille.** Extra ducting may be used to extend the distance to the external grille but the performance will be reduced.

Mounting Fan Unit

Install the Cyclone Inline fan within the loft or ceiling space, ensuring the correct direction of air flow using the arrows on the fan. **DO NOT COVER** the motor or LED driver with loft insulation. The fan is only suitable for **horizontal mounting** on a wall or floor. See **fig A** and **fig B** Follow the visual aids below to mount the Fan unit.

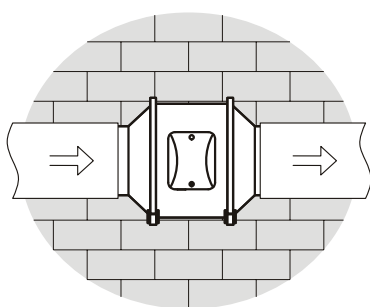


fig A horizontal on a wall

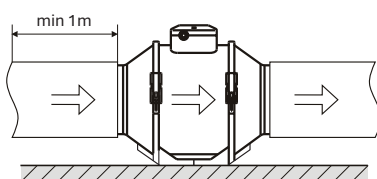
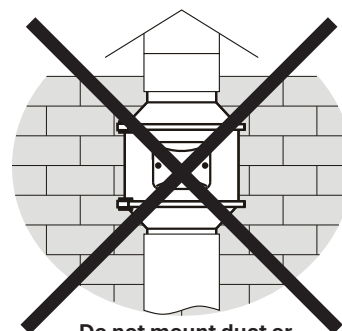
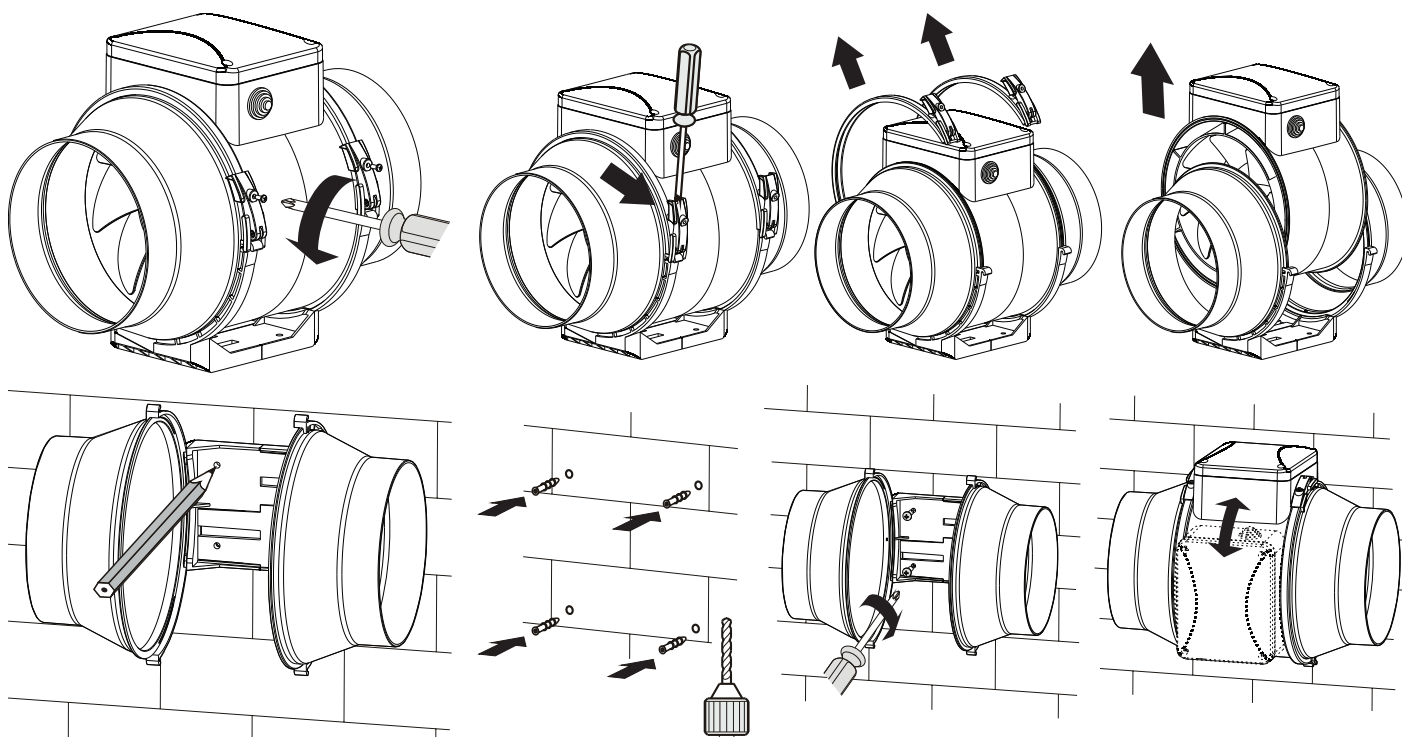


fig B horizontal on a floor



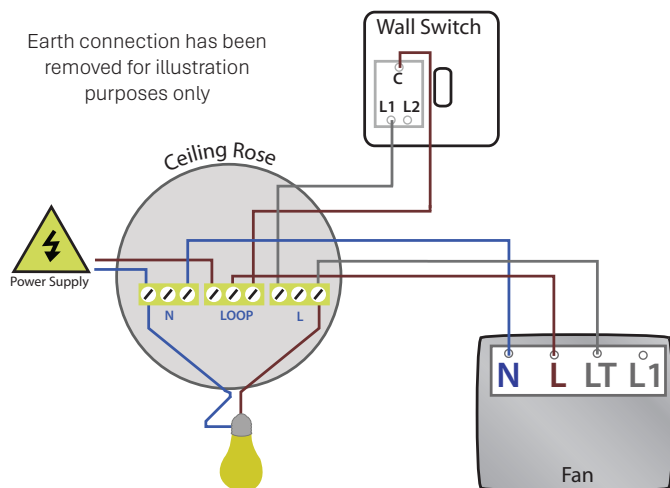
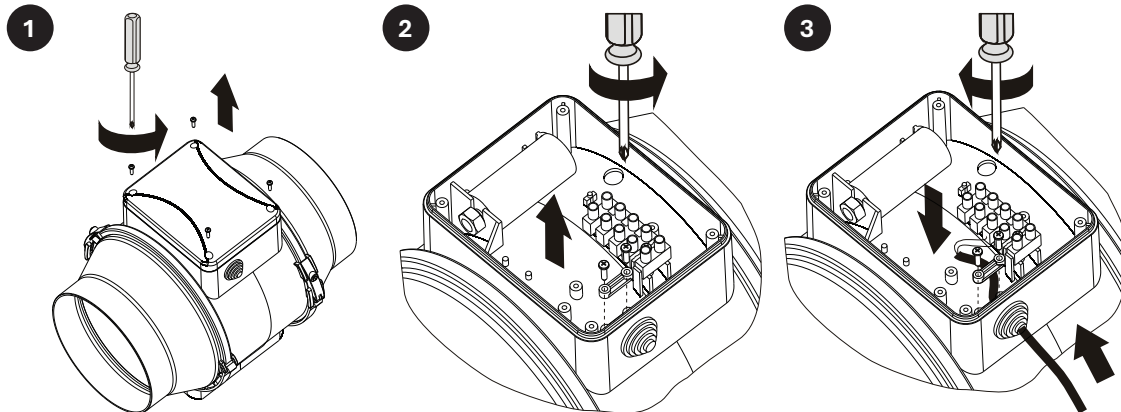
Do not mount duct or motor vertically



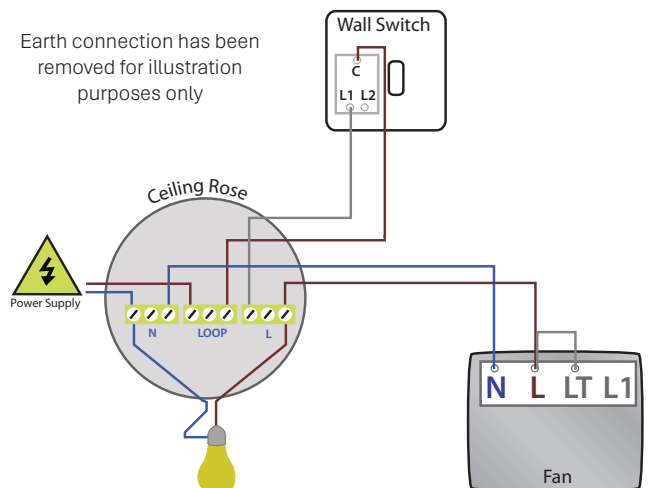
Do not run the ducting over the joists, this will cause a build of condensation and reduce the extraction rate. Ensure the ducting is run between joists to create smooth airflow.

Electrical Connection

Ensure the mains power supply to which the fan is being connected to 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. Please follow the visual aids below for wiring the fan.



Once the cover has been taken off then you can install the fan wires into the terminals. The fan should be wired as follows: **N= Black or Blue** **L= Brown** **LT= Grey** (See Above)



Alternatively if you only have a two core cable, you can wire the fan up as follows: **N= Black or Blue** **L= Brown**, now you can loop from the **L** to the **LT** (See Above)

This does bypass the timer function. The fan will now only operate as an on/off fan.

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.

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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3rd Floor, 40 Mespil Road, Dublin 4. DO4 C2N4.

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