

Please ensure these instructions are read thoroughly before commencing installation and that all documentation is left with the home owner on completion of installation

CAUTION

- Before use, please check that the supply voltage and that of the fan are the same (see product rating label).
- All wiring must comply with national wiring rules and regulations.
- Any changes or modifications made or attempted to this product, without the prior written approval of the manufacturer, will void any and all stated warranties.
- Do not install within a shower cubicle (use our shower fans) or anywhere else where there is a high risk of the fan being sprayed with water.
- If your fan is equipped with auto shutters it will be fitted with a thermally activated mechanism that opens and closes the shutters. When the unit is turned on/off the automatic shutters will take approximately 45 seconds to respond.

SPECIFICATIONS

Supply : 220V AC, 50Hz

Free Air Performance: 87 l/s, 313m³/hr



IMPORTANT

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. This fan should be installed by a qualified electrician.
- Children should be supervised to ensure that they do not play with the appliance.
- This fan is for window and wall mounting only
- When fitting through an external wall, an external grille must be fitted at all times.
- The fan must be permanently connected to a suitable electricity supply by way of the cable provided. This should be via a permanent connection unit in accordance with the national wiring rules.
- Isolate the mains supply before removing the guard, making any electrical connections or performing maintenance.
- Do not connect fan to power before duct work is in place.
- This fan is intended for indoor general ventilating use only. Use other than as described may result in electric shock or injury to persons.
- Do not insert or allow foreign objects into fan or duct connected to fan.
- Do not allow liquids to contact the fan or the fan housing as this may cause electric shock and/or fire hazard. Do not place objects on the fan housing as this may cause fire hazard or electric shock or injury. Do not puncture fan housing with screw, bolts, etc.
- Precautions must be taken to avoid the back-flow of gases into the room from the open flue of gas or other open-fire appliances when mounted in outside windows or walls, in this case, a check valve is necessary.
- Do not operate in temperatures lower than -10°C, or above 40°C.
- Do not use where flammable, hazardous, or explosive materials and/or gases are present.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.

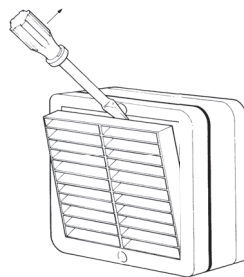
INSTALLATION

Window

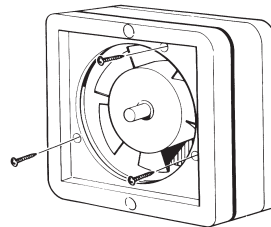
- 1 Cut a 184mm hole in the glass. This is best cut by a qualified glazier, alternatively, measure your window and get a new piece of glass with a pre-cut hole from your glass merchant and replace.
- 2 Remove external grille by gently levering the top out with a small screwdriver and remove the three pozidrive screws and separate the two halves (Fig 1). Hold the fan in position over the hole on the inside of the window and then refit the three self tapping screws from the outside. Caution - do not over tighten these screws as it is possible that you might crack the glass (Fig 2.)

Through Wall Fixing

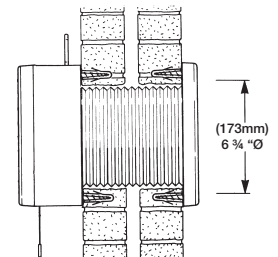
- 1 Cut a $\varnothing 173\text{mm}$ hole through the wall and then fit a length of aluminium flexible duct through the wall (supplied separately) making sure that there is a slight tilt to the outside in case any water gets in through the external grille so it will not run into the room. Fit the duct to the fan spigot (Fig 3). Sealing gaskets can be removed when installing the fan through a wall.



LEVER OUT GENTLY
Fig 1



EXTERNAL GRILLE
REAR OF FAN WITH GRILLE REMOVED
Fig 2



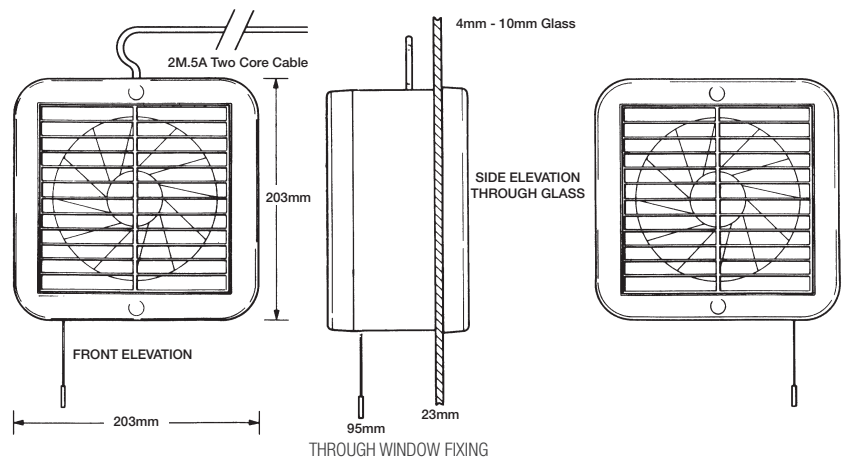
THROUGH WALL FIXING
Fig 3

- 2 Remove the rear grille and casing as described above (Fig 1). Separate the external grille and remove the two hole plugs at the top and bottom of the grille chassis. Hold against the outside wall directly over the duct and drill and plug the fixing holes. Screw the grille chassis to the wall and refit the grille. It is important to make sure that the two fixing holes are one above the other to allow the lugs on the grille to fit properly into their slots the right way up.

- 3 Remove the front grille by removing 2-hole plugs concealing 2-fixing screws which secure the front grille assembly to the main chassis. Remove these screws then carefully separate the two halves. Hold the body over the hole, first ensuring that the fan is level then mark the four fixing holes (one in each corner). Drill and plug these holes. Screw the fan to the wall and refit the front grille and replace screw caps.

- 4 All wiring must comply with current regulations. This system should be installed by a qualified electrician.

Dimensions



TIMER ADJUSTMENT

Please make sure power is disconnected before opening the front cover of the fan. Remove two screws and look for the timer adjustment knob. Adjust as required, between 45 seconds to 20 minutes. the fan should be a minimum of 1m² in section. The fan should not be accessible to a person using either the shower or the bath.

