



# AIRFLOW<sup>®</sup>

*keeping air fresher*

**MaxAir Wall  
Exhaust Fan**

**7006A**

**7008A**



Installation Instructions

## 1.0 Introduction

The AIRFLOW 7006A & 7008A MaxAir Wall Exhaust Fans are designed for mounting through external walls only. The 7006A operates by a separate isolation switch, and the 7008A operates by means of a pull cord. The shutters on the 7006A will open approximately 1 minute after the product is switched ON and close up to 5 minutes after the product is switched OFF.

## 2.0 Safety

### DANGER

#### **HAZARD OF ELECTRIC SHOCK, ARC FLASH, FIRE OR PHYSICAL INJURY**

- This product, must only be installed and serviced by appropriately qualified and/or licensed electrical personnel.
- Isolate the electrical supply before doing any work on this product.
- Means of all pole disconnection, such as an isolation switch, must be incorporated in the fixed wiring in accordance with the Wiring Rules AS/NZS 3000.
- Mount product a minimum of 2.1m above the floor.
- Switch OFF product and do not use product if shutters do not open 1 minute after switching ON.
- Do not operate product without cover fitted.
- Only mount product to external walls.

**Failure to follow these instruction will result in death or serious injury.**

Note: Severe penalties apply if electrical equipment is not installed and serviced by appropriately qualified and/or licensed electrical personnel.

A qualified person is one who has skills and knowledge related to the construction, installation and operation of electrical equipment and has received safety training to recognise and avoid the hazards involved.

### 3.0 Installation Instructions

1. Check that proposed location of product will not foul on joists, existing wiring or other internal wall features.  
Note: The bottom of the fan must be 2.1m minimum above the floor, per AS/NZS 60335.2.80.
2. Use the template provided on page 5 of this instruction to mark out where the Ø180mm hole will be cut through the wall (Fig. 1).
3. Once the Ø180mm hole has been cut in the wall, fasten the fan assembly to the internal side of the wall via the 4 corner mounting points on the fan assembly (Fig. 2).  
Note: Use appropriate fasteners for wall type (fasteners not supplied).

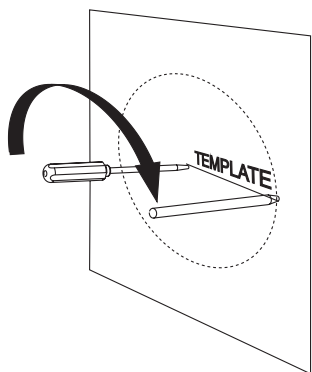


Fig. 1

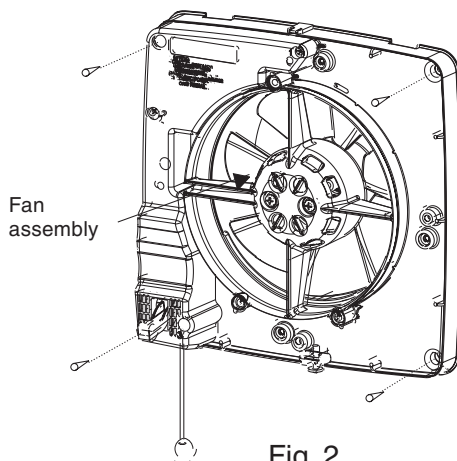


Fig. 2

4. Remove the terminal cover by undoing screws marked 1, 2 & 3 (Fig. 3).
5. Break tab on fan assembly and feed supply cable (3 core flex, 0.5mm<sup>2</sup> min. conductor size, 7mm max. outer cable insulation diameter) to terminal block (Fig. 4).
6. Strip wires of supply cable (strip length 10mm) and connect to terminals on terminal block marked A/P (Active), N (Neutral) & ⊕ (Earth) (Fig. 4).
7. Fit terminal cover and fasten with screws marked 1, 2 & 3 (Fig. 3).  
Note: Before fitting the terminal cover, ensure that the lever that protrudes through the cover is in the OFF position (lowest position) & that the fan has been OFF for at least 5 minutes for the auto shutter version.
8. Cut PVC sheet supplied to suit the depth of the wall (Fig. 5).
9. Coil the cut PVC sheet around the Wall Grille Outlet spigot and slide into the retaining clips (Fig. 6).
10. Attach sticky tape to the overlapping point on PVC sheet to help secure the PVC sheet in position (Fig. 7).

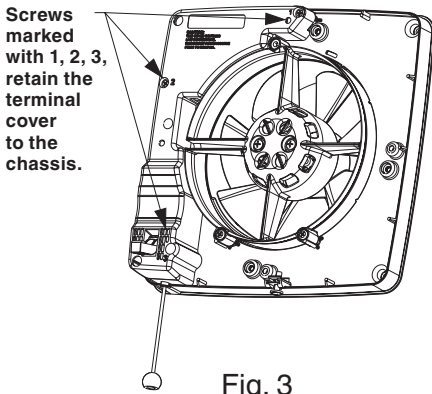


Fig. 3

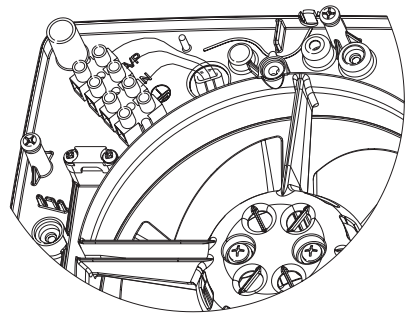


Fig. 4

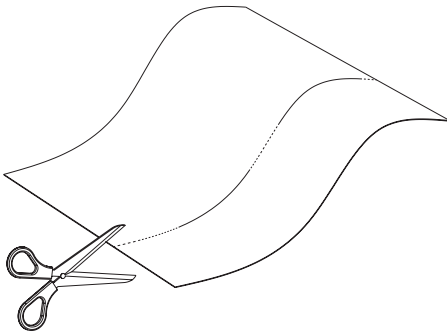


Fig. 5

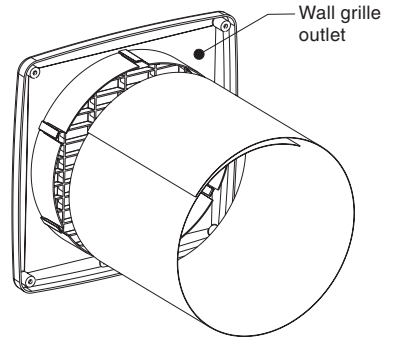


Fig. 6

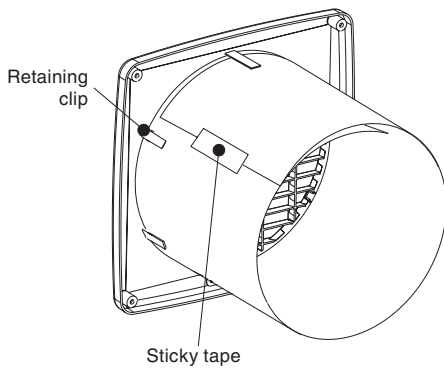


Fig. 7

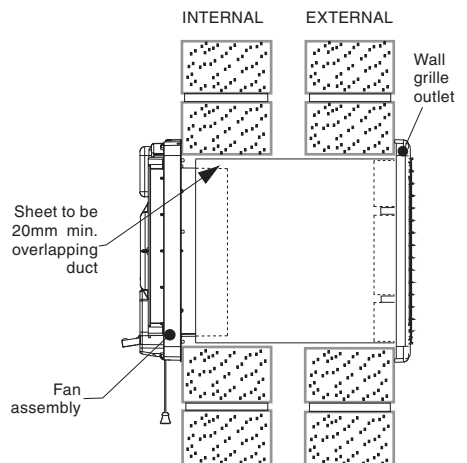


Fig. 8

11. Slide the Wall Grille Outlet/PVC sheet assembly into the  $\text{\O} 180\text{mm}$  hole from the external wall, ensuring that the PVC sheet overlaps the duct on the fan assembly by a minimum of 20mm (Fig. 8).
12. Fasten the Wall Grille Outlet to the external wall via the 4 corner mounting points on the Wall Grille Outlet  
Note: Use appropriate fasteners for wall type (fasteners not supplied).
13. Squarely place cover assembly onto the fan assembly so that the clips on top of the cover assembly clip into place (Fig. 9)
14. Tighten retaining screw at the bottom of the fan assembly to help prevent removal of the cover assembly (Fig. 9)
15. Test product to ensure correct operation prior to use.

Note: The fan is operating correctly when the shutters open & the fan is drawing air to the outside of the building. If the shutters do not open when the fan is switched ON, check that the cover assembly is fitted correctly. If the fan is not drawing air to the outside of the building when switched ON, check that the fan has been wired correctly.

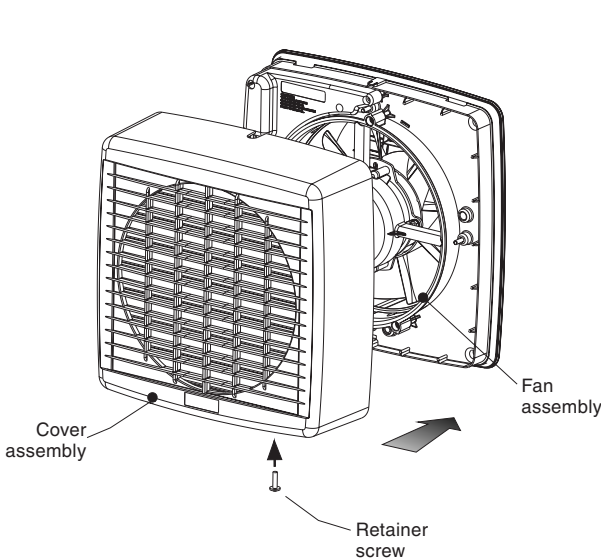
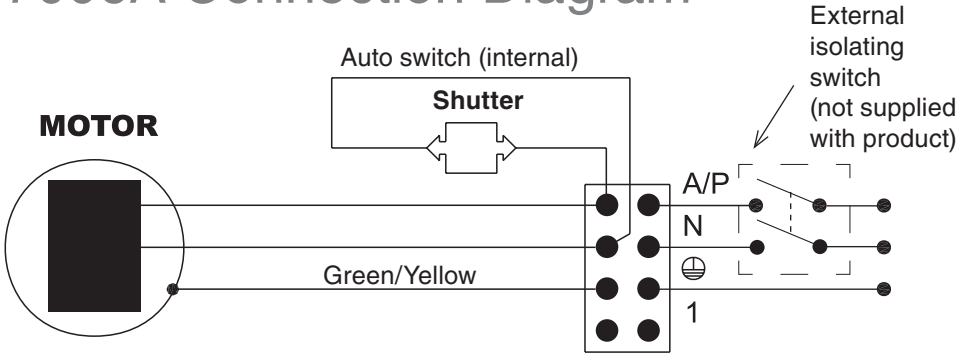


Fig. 9

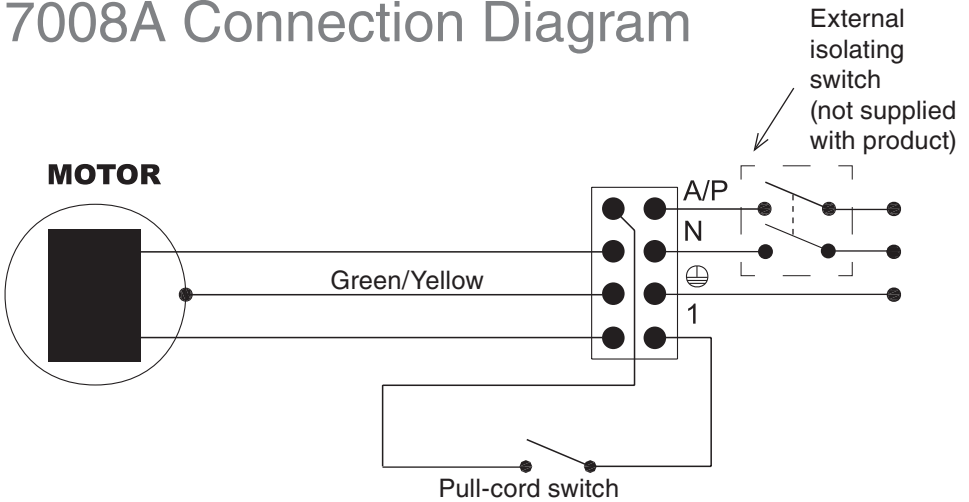


# 4.0 Wiring Diagrams

## 7006A Connection Diagram

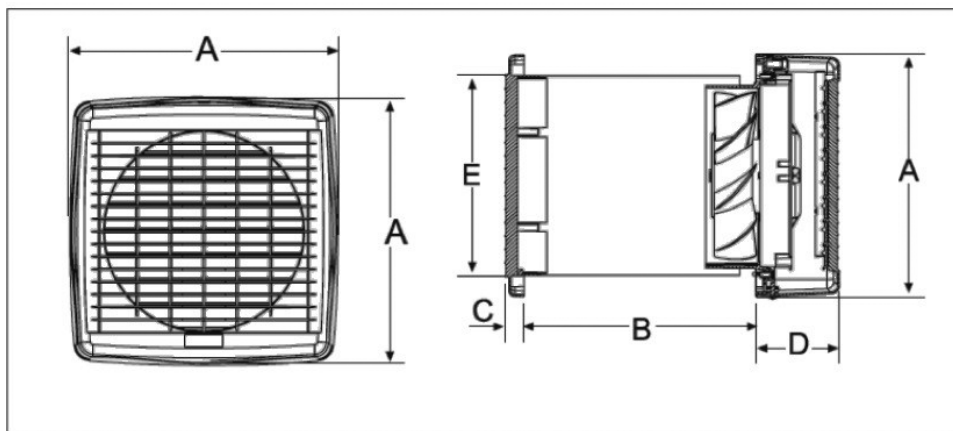


## 7008A Connection Diagram



## 5.0 Technical Specifications

| Parameter                  | Value                |
|----------------------------|----------------------|
| Cubic metres per hour      | 360m <sup>3</sup> /h |
| Litres per second          | 100 L/s              |
| Overall intake size (A)    | 245 x 245mm          |
| Wall depth (B)             | 110 - 310mm          |
| External protrusion (C)    | 20mm                 |
| Room protrusion (D)        | 83mm                 |
| Duct size dia, (E)         | 172mm Ø              |
| Hole size dia.             | 180mm Ø or sq.       |
| Fan dia.                   | 148mm Ø              |
| Number of speeds           | 1                    |
| Rated voltage              | 230-240V a.c. 50Hz   |
| Watts                      | 45W                  |
| Full load current          | 0.27A                |
| Motor type                 | Sleeve bearing       |
| Decibel rating at 3 metres | 49dBA                |
| Shutter Operation 7006A    | Auto                 |
| Shutter Operation 7008A    | Pull Cord            |



## 6.0 Cleaning and Maintenance

To clean the product it must be switched OFF and isolated at the isolation switch. Wipe the product down with a damp cloth and if required remove the cover assembly to allow easy cleaning of the shutters.

There are no user serviceable parts inside this product.

## 7.0 Warranty Statement

1. The benefits conferred herein are in addition to, and in no way shall be deemed to derogate; either expressly or by implication, any or all other rights and remedies in respect to the Schneider Electric product, which the consumer has under the Commonwealth Trade Practices Act or any other similar State or Territory Laws.
2. The warrantor is Schneider Electric.
3. This Schneider Electric product is guaranteed against faulty workmanship and materials for a period of three (3) years from the date of installation.
4. Schneider Electric reserves the right, at its discretion, to either repair free of parts and labour charges, replace or offer refund in respect to any article found to be faulty due to materials, parts or workmanship.
5. This warranty is expressly subject to the Schneider Electric product being installed, wired, tested, operated and used in accordance with the manufacturer's instructions.
6. All costs of a claim shall be met by Schneider Electric, however should the product that is the subject of the claim be found to be in good working order all such costs shall be met by the claimant.
7. When making a claim the consumer shall forward the Schneider Electric product to the nearest office of Schneider Electric with adequate particulars of the defect within 28 days of the fault occurring. The product should be returned securely packed, complete with details of the date and place of purchase, description of load, and circumstances of malfunction.

## 8.0 Technical and Sales Support

For assistance with technical problems, contact your nearest Schneider Electric sales representative.

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