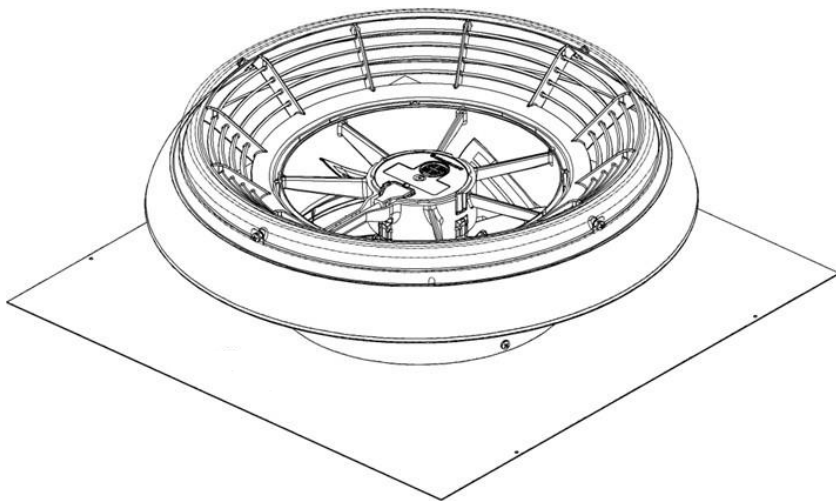


AiroMatic[®]

Continuous Flow

Product Manual

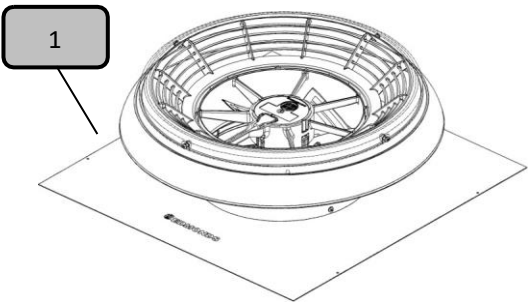


Item Checklist & Additional Tools Required For Installation

Included Parts:

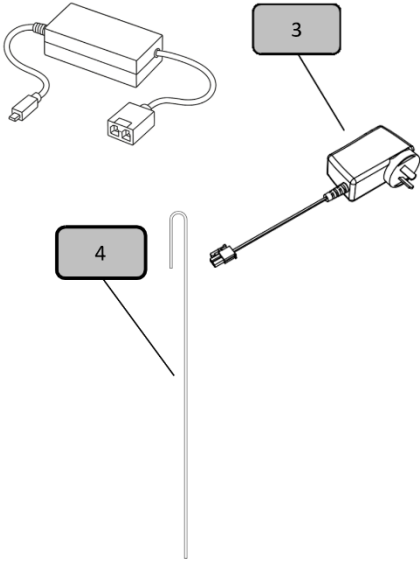
QTY:

1	AiroMatic CF	(1)
2	Fixed Speed Controller	(1)
3	Power Supply	(1)
4	Fixing Strap	(1)
5	Product Manual	(1)
6	Warranty Document	(1)



Additional Parts & Tools Required (Not Supplied)

Soft Rubber Hammer
Roof Sealant & Caulking Gun
Cable Ties
Cordless Drill & Screwdriver
Marker Pen
Foil Tape (Sarked Roofs Only)
Knife (Sarked Roofs Only)
Tek Screws or Sealed Rivets x 10 (Metal Roof Only)
Nibbler or Similar Cutting tool (Metal Roof Only)



Important Notices and Warnings

WARNING: Do not proceed with the installation until you have read the entire instructions, including these warnings.

Install at your own risk

The installation of this product may be dangerous and includes the potential of death, personal injury or property damage. Please be aware of the following before installing this product.

- Installation requires climbing and working at heights. Use caution to minimise risks by:
 - Clearing the area below the workspace
 - Avoid walking on surfaces that are slippery, wet or dusty
 - Using appropriate equipment (tie off ladders etc.)
- There are sharp edges on the flashing. Take care and wear appropriate personal protective equipment when handling and installing products
- **DO NOT** attempt to install if you are uncomfortable with working at heights or on sloping roof surfaces

Important Notes

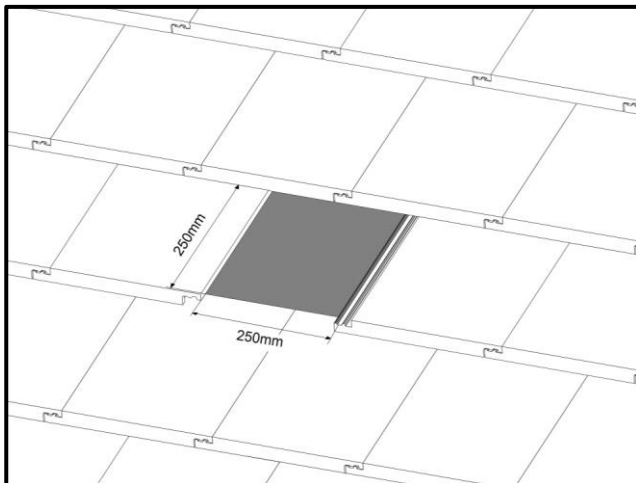
- The AiroMatic CF is designed for general household ventilation only. **DO NOT** use to exhaust hazardous or explosive materials and vapours
- The AiroMatic CF has an unguarded fan assembly. **DO NOT** use in locations readily accessible to people or animals. The fan is intended for use facing an unoccupied space only.
- Always use the provided power supply to power the fan. Failure to do so can damage the product.
- Power supply is for dry indoor use only. Ensure that the power supply is not mounted on a damp surface or in a location where they could be exposed to moisture or liquid water. Fasten to the structure with screws or cable ties as required.

Installation—Tiled Roof

STEP 1

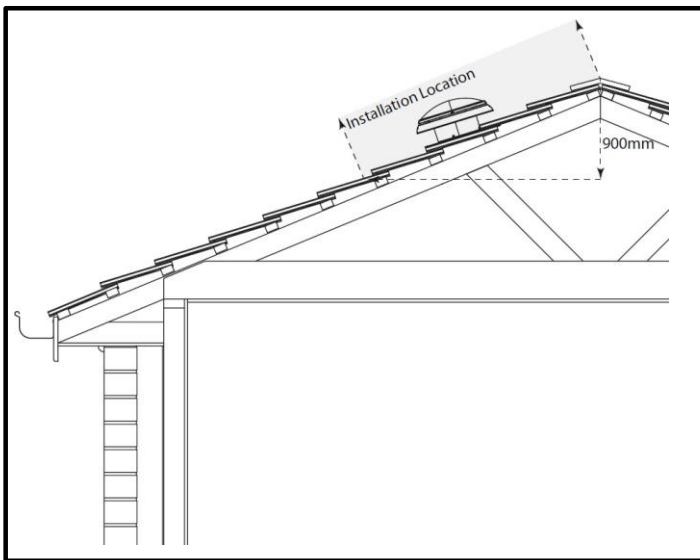
Remove one tile from the third row down from ridge cap.

If the gap produced is less than a 250mm square opening then either push the tiles above upwards or cut the tiles to provide clearance.



The removal of a tile higher than this may damage the integrity of the ridge tile pointing and is NOT recommended

Note If installing in accordance with the NCC2022 Performance Solution, the AiroMatic CF must be located not more than 900mm below the ridge or the highest point of the roof space when measured vertically. Please refer to PTS on full details for how to comply.

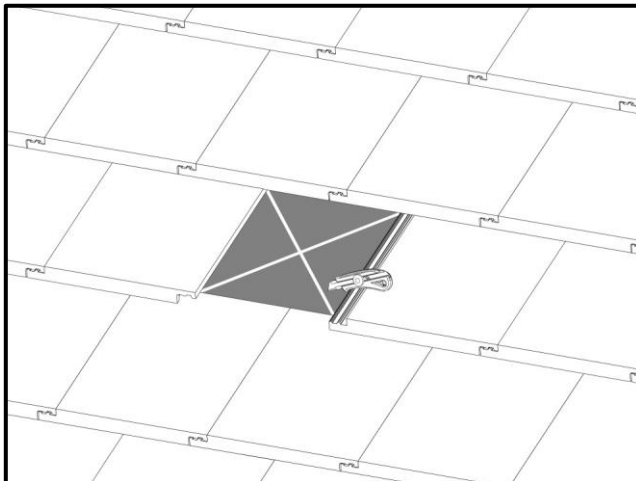


Installation—Tiled Roof

STEP 2

If the roof is 'sarked', cut sarking in a cross folding back the corners outwards to give a 250mm square opening.

Tape the corners down with foil tape to prevent them from fouling the fan.

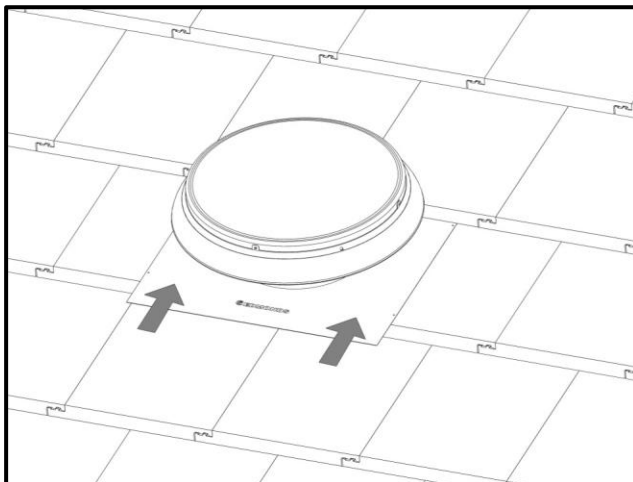


STEP 3

Taking the AiroMatic CF unit slide the flashing under the tiles above the opening.

Ensure the motor cable is on the low side for correct orientation.

Centre the unit over the opening.

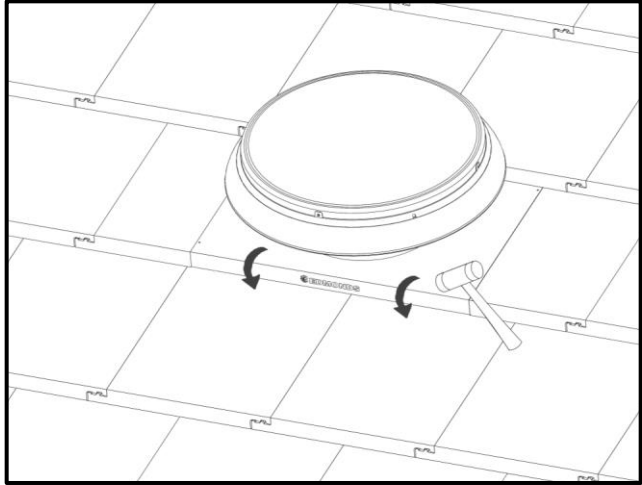


Make sure that the cable is through the opening and not caught under the flashing.

STEP 4

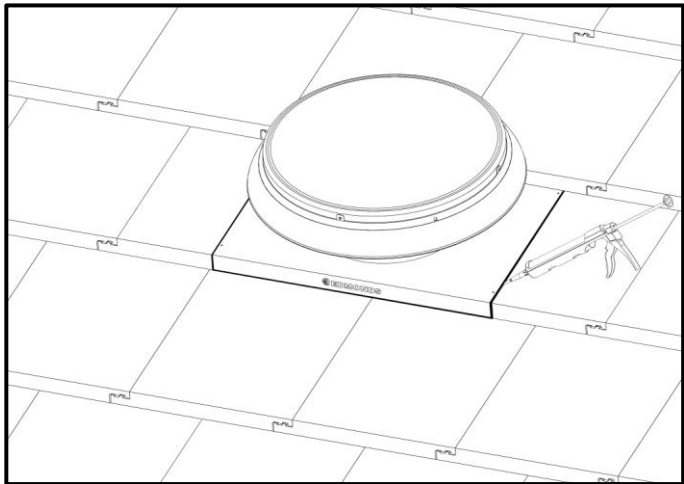
Fold down the bottom edge of the flashing to seal against the lower tiles.

Using a soft hammer if required, carefully dress the front and sides of the flashing into the shape of the tiles.



STEP 5

To ensure a weatherproof installation, apply a bead of silicone under the side and front edges of the flashing.

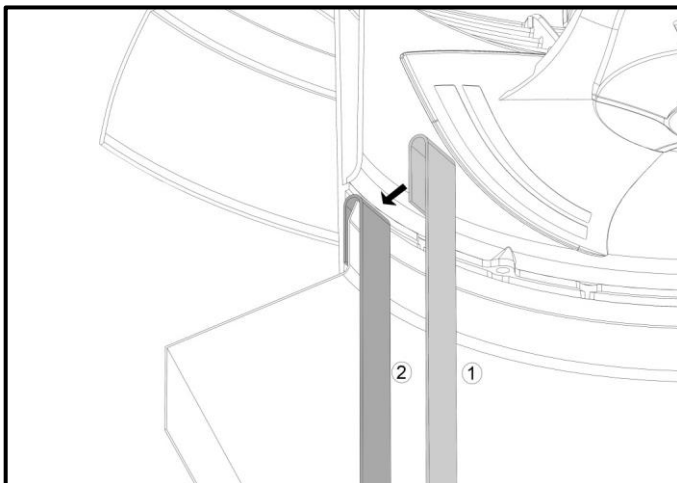


Installation—Tiled Roof

STEP 6

From within the roof space, fit the fixing strap by hooking it between the flashing up stand and the outer housing.

The fixing strap should be hooked near to the cable exit.



Ensure the fixing strap is seated firmly and that it **DOES NOT** interfere with the fan

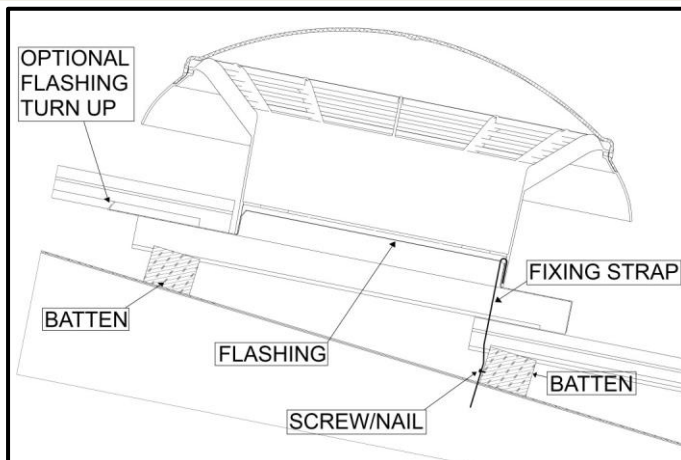
Installation—Tiled Roof

STEP 7

Take the fixing strap and screw/nail (not supplied) it to the bottom batten

The strap can be deformed as required to achieve this.

For additional weather proofing turn the rear edge of the flashing up so that it seals against the tiles above.



Turning the rear of the flashing upwards allows it to act as a gutter to prevent any wind driven water from entering the roof space.

Proceed to 'Electrical Installation Step A' →

Important Note If using the AiroMatic CF to comply with NCC 2022 Performance Solution additional Airomatics and eave vents may be required depending on the ceiling area of the home. Please refer to PTS for full details on how to comply.

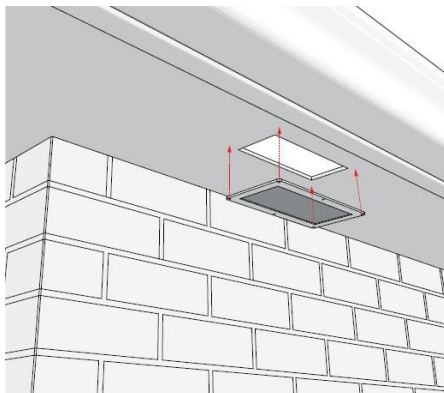
Installing a PolyEave vent

Mark a 220mm x 418mm rectangle on the eave lining.

Drill holes to mark out the rectangle

Attach the vent using the screw provided

PolyEave vents should be evenly distributed around the perimeter of the home.

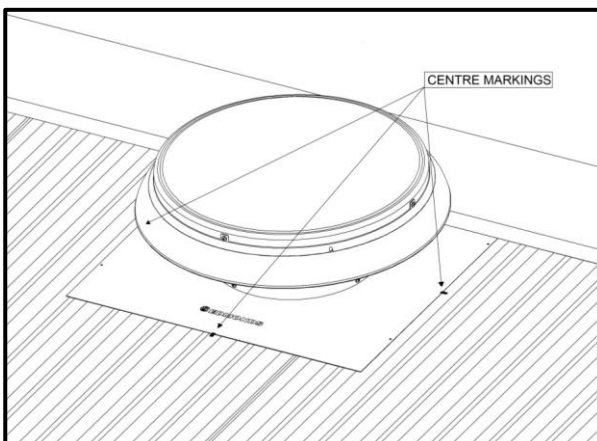


Installation—Metal Roof

STEP 1

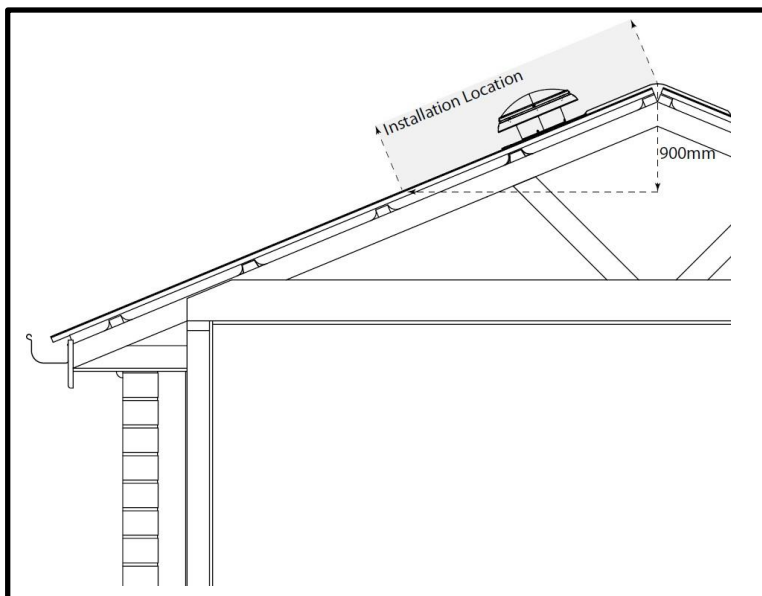
Position the AiroMatic CF and slip the top edge of the flashing up under the **ridge capping**.

Mark the centre of each side to determine where the centre of the vent will be.



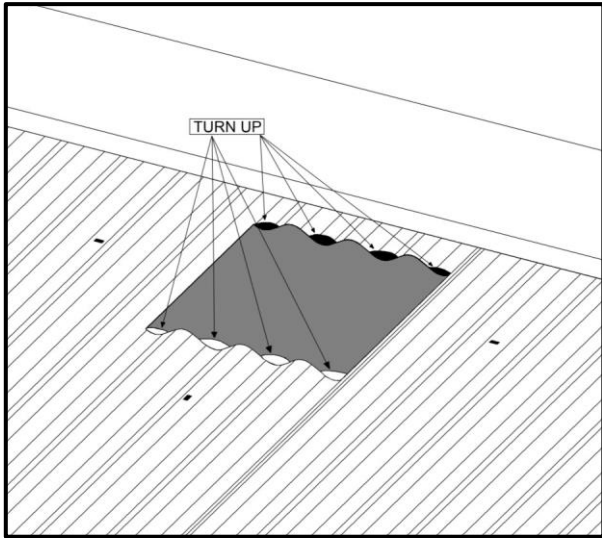
Ensure the flashing covers the corrugations or ribs equally and that it is located between the roof joists.

Note If installing in accordance with the NCC 2022 Performance Solution , AiroMatic CF must be located not more than 900mm below the ridge or the highest point of the roof space when measured vertically. Please refer to PTS for full details on how to comply.



STEP 2

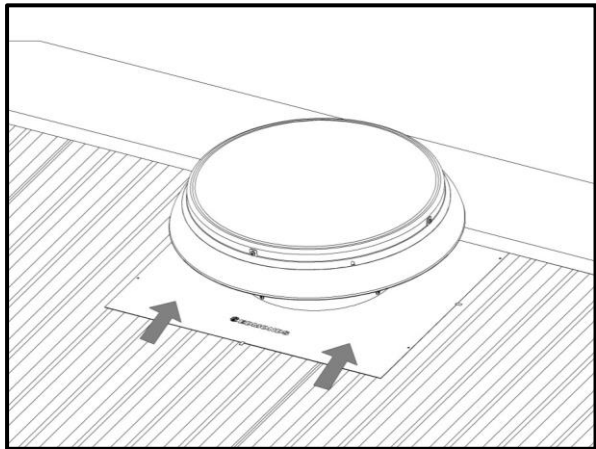
Remove the vent and using the marks to determine the centre cut a 250mm square opening. Turn up corrugations or pans around the opening



STEP 3

Place the vent back on the roof by slipping the top of the flashing under the ridge capping.

Line up the centre marks made earlier to ensure that the vent is centred on the opening

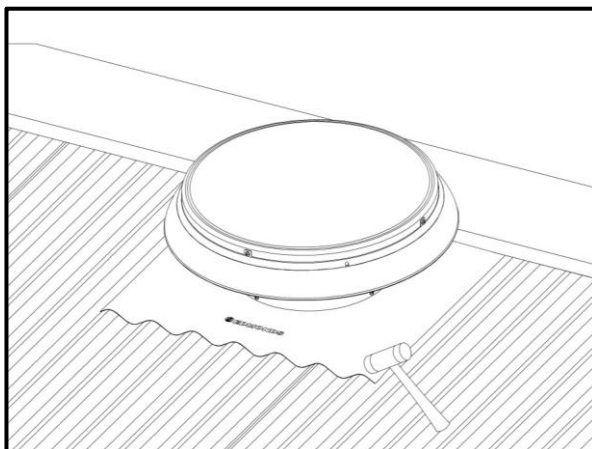


Ensure that the cable is through the opening and not caught under the flashing.

Installation—Metal Roof

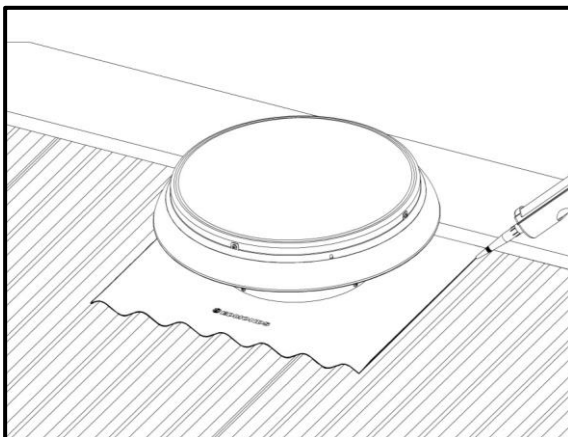
STEP 4

Using a soft hammer, carefully dress the flashing into the corrugations of the metal sheet profile.



STEP 5

Lift the flashing and run a bead of silicone along the underside of the flashing, following the edge along the three exposed sides.

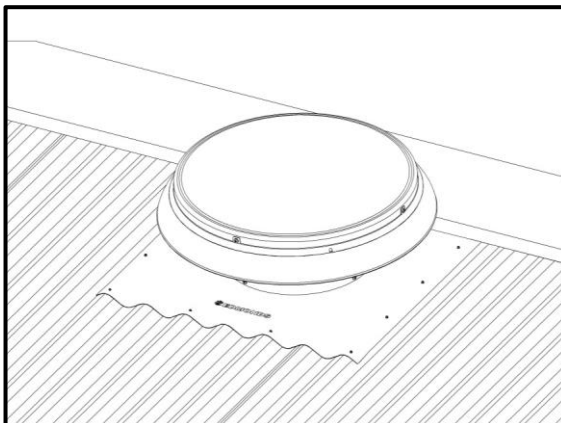


The fixing strap is not required for metal roof installations and can be discarded

Installation—Metal Roof

STEP 6

Secure the flashing to the metal sheeting with Tek screws or sealed rivets along the 3 exposed edges of the flashing. Approximately 10 required (not supplied).



Important Note If using the AiroMatic CF to comply with the NCC 2022 Performance Solution additional Airomatics and eave vents may be required depending on the ceiling area of the home. Please refer to PTS for more details on how to comply.

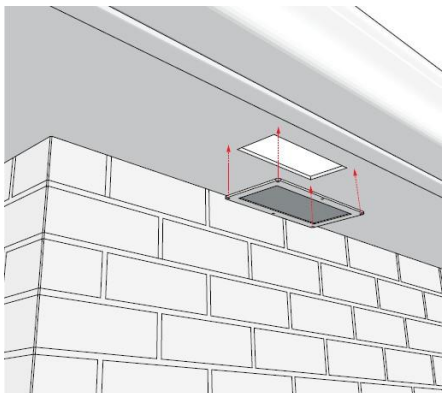
Installing a PolyEave vent

Mark a 220mm x 418mm rectangle on the eave lining.

Drill holes to mark out the rectangle

Attach the vent using the screw provided

PolyEave vents should be evenly distributed around the perimeter of the home.

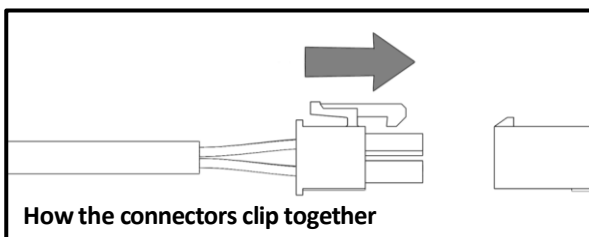


Installation—Electrical Connection

STEP A

Connect the lead

from the AiroMatic CF fan unit to the Fixed Speed controller.



STEP B

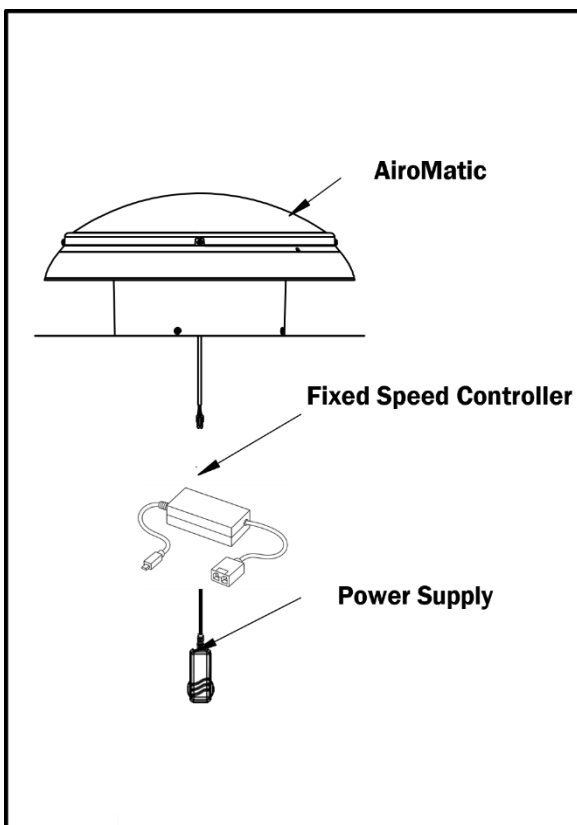
Connect the power supply lead to the Fixed Speed controller.

STEP C

Connect the power supply to a mains socket. Turn on and check fan runs freely.

STEP D

Secured the Fixed Speed Controller to a suitable structural component using cable ties, ensuring it is positioned away from direct sunlight and out of the airflow path of the AiroMatic CF.



Ensure the power supply is not in contact with damp or wet areas

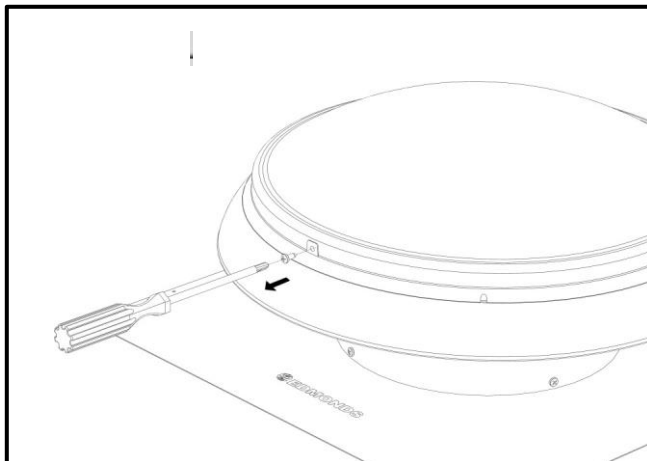
(Optional) Painting the AiroMatic E

WARNING: Do not disassemble the **AiroMatic CF** unless you are confident that you understand the process. Damage caused by incorrect disassembly and reassembly can void the product warranty.

STEP 1

Remove the 4 screws securing the dome.

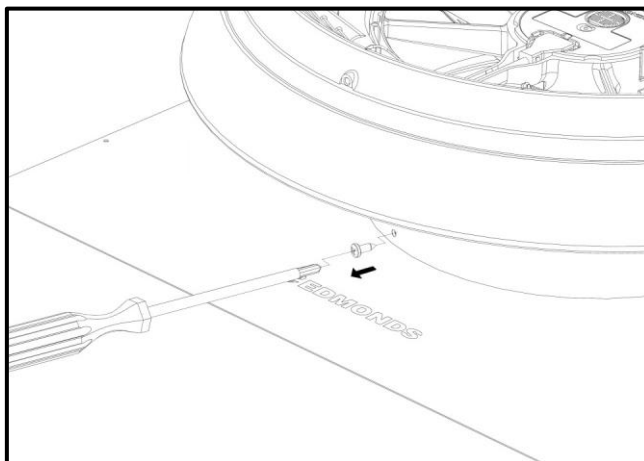
Lift the dome off the AiroMatic and place on a soft surface to prevent marks or scratches.



STEP 2

Remove the 4 screws securing the flashing to the AiroMatic CF housing.

Remove flashing from AiroMatic CF, being careful not to damage the cable

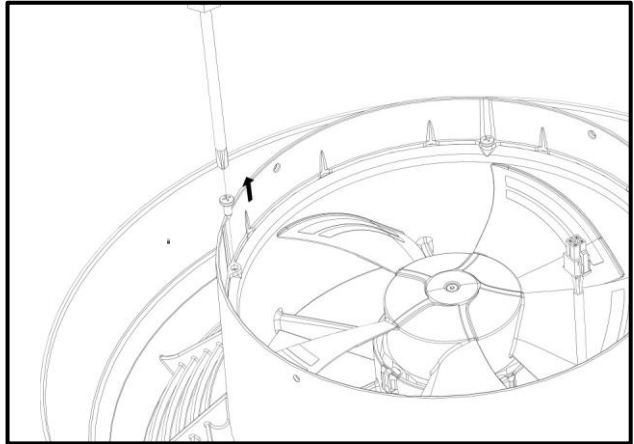


Painting the AiroMatic E

STEP 3

Turn the AiroMatic CF over and whilst supporting the fan housing remove the 4 screws securing it.

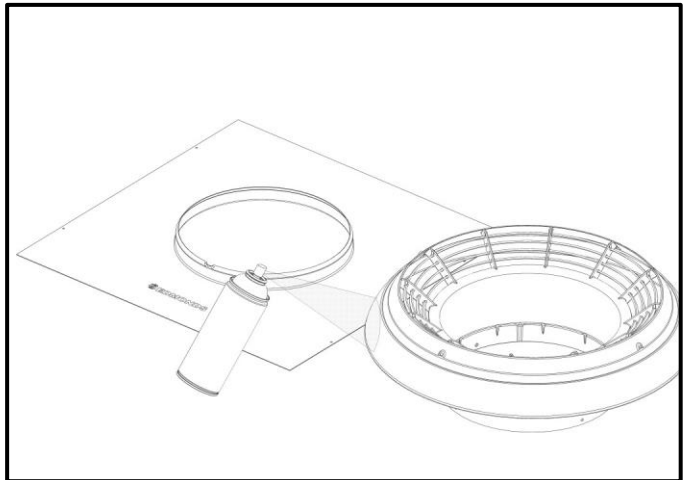
Be careful to prevent the housing from dropping away as the screws are removed.



The plastic used for the AiroMatic CF housing is suitable for painting with standard spray paints without priming. The surface must be clean before painting.

STEP 4

Paint AiroMatic CF housing and flashing and allow to dry.

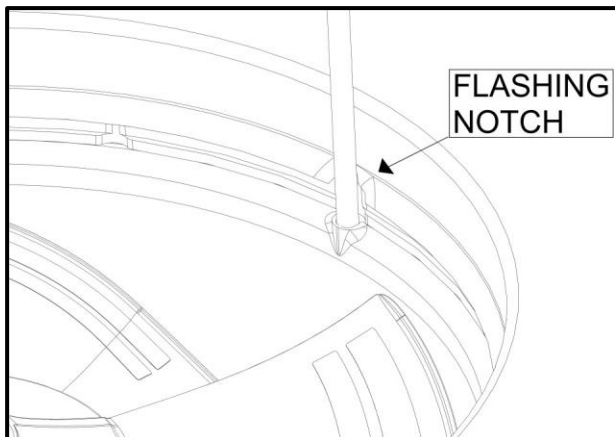


Painting the Airomatic

STEPS 5, 6, 7 Reassemble the

AiroMatic CF
using the reverse
of the steps used
to disassemble.

When attaching
the flashing make
sure to align the
notch in the
flashing up stand
with the cable exit



All screws should be hand tightened until snug. Do not over tighten screws as this may cause them to strip out of the plastic

STEP 8

Post assembly check.

- Check that the cable is sitting in the notch of the flashing.
- Check that the fan is orientated correctly with the motor/fan unit in exhaust configuration
- Check all screws are in place
- Check that the fan blades rotate freely and are not impeded

Technical Data

Material:

Dome:	Plastic (PMMA – Clear, High Impact)
Housing:	Plastic (ASA)
Flashing:	Aluminium (Soft)
Fan & Motor Housing:	Plastic (PP-TD20)
Fan Impeller:	Plastic (PA6-GF30)

Weight: 2.95 kg

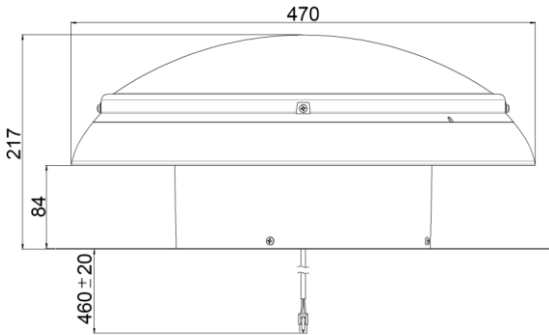
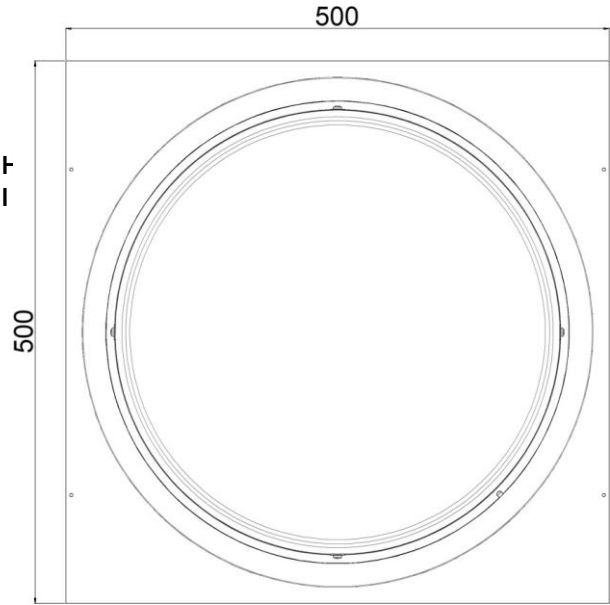
Electrical:

Power Supply

Type:	Electronic Switching Mode
Input:	100-240VAC, 1~, 50/60Hz, 2A
Output:	24 VDC

Fan Motor: Electronic Commutating (EC) motor

Input Voltage:	24 VDC
Protection Class:	IP54



FAQ & Troubleshooting

Q: Do I need an electrician to install the AiroMatic CF?

A: If you have an available power point that can be reached then no electrician is required. If a power point is unavailable then an electrician will be required to install one.

Q: Can I wire it directly into the mains power?

A: No, you must use the supplied power supply for the AiroMatic CF to work correctly. Failure to do so may damage the product.

Q: Can I duct the AiroMatic CF?

A: Yes, however a suitable collar or adaptor would be required to attach the ducting (Not Supplied). This must allow the cable of the AiroMatic CF to be passed through.

Q: Can I paint the AiroMatic CF?

A: Yes, standard spray paint can be used to paint the AiroMatic CF. No plastic primer is required, however the surface must be clean before paint application. Do not get any paint on the motor/fan module. The AiroMatic CF can be disassembled to facilitate easier painting.

Troubleshooting	
Problem	Possible Actions
Motor / Fan Not Running	Check all connections are secure
	Check power supply is plugged in
	Check power point is turned on
Water leaks when raining	Check installation integrity
	Reseal around edge of flashing

Contact Details

General Enquiries and Support

PH: 1300 858 674
Email: Sales@csr.com.au

Technical Ventilation Enquiries

PH: +61 2 8824 0444

Please fill out for your reference in case support is required	
Serial Number	Purchase Date
_____	____/____/____

Aug 2025
I-040-B

Bradford | business division of CSR Building Products Limited ABN 55 008 631 356
Stanton Road, Seven Hills NSW 2147 Australia | www.bradfordventilation.com.au



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