MAXBREEZE®
SOLAR ROOF VENTILATION

250 & 400 MaxBreeze® Installation Instructions

Parts Included MB250 models

Key	Part Name	Qty
A	MaxBreeze 250 Fan Unit	1
B	Roof Flashing to suit roof	1
C	Screw Kit	1
D	Remote control Plus Models Only	1
E	AC Adaptor Plus Model Only	1

Parts Included MB400 models

Key	Part Name	Qty
A	MaxBreeze 400 Fan Unit	1
B	Reducer 400 series only	1
C	Roof Flashing to suit roof	1
D	Screw Kit for Flashing AC power pack (MB400 and MB400+)	1
E	AC power pack (MB400 and MB400+)	1
F	Solar Panel with integrated battery (MB400Z and MB400Z+)	1
G	Remote control Plus Models only	1

CAUTION

When installing SolarBright® MaxBreeze® system ensure that all safety measures and precautions are taken. The installation of the product will require using power tools, climbing on the roof and possibly working in a confined space. The product has been designed to be installed by a handyman, however the installer must be competent to carry out the task safely and correctly. For safe installation and use, do not deviate from these installation instructions.

Required Tools

• Impact Driver / Screwdriver

Safety Information

• Wear safety glasses and work gloves when using power tools.
• Use protective work gloves.
• Safety Harness (Working at Height).

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Instructions for MB250 model

Step 1
Fit roof flashing as per the separate installation instruction provided.

Step 2
- Line up the fan above the flashing
- Insert the thermostat cable inside the turret to hang inside the roof space (Plus models only)
- Fit fan inside the roof flashing
- Rotate the fan to face north
- Fix fan to the turret using provided self-tapping screws
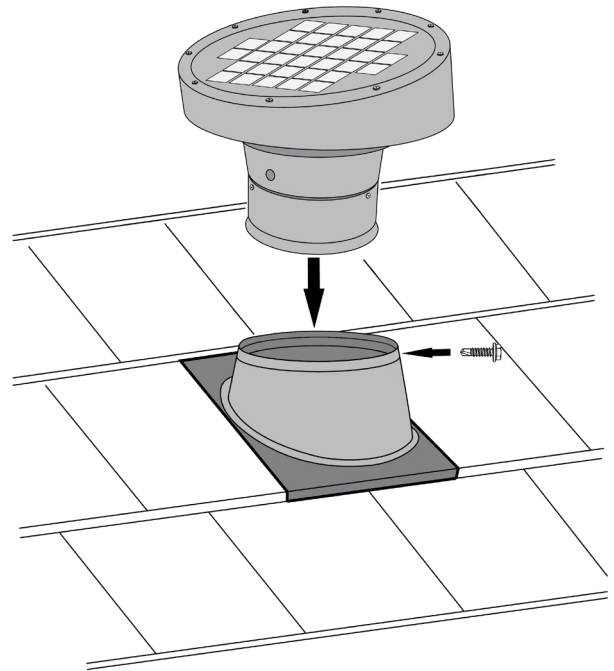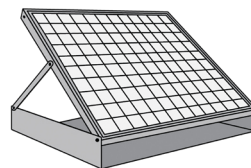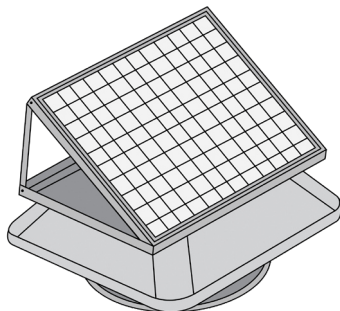
Step 3 (Plus Model) Option
Connect the provided DC/AC adaptor to main power to ensure the fan operates when the solar panel is not producing power, such as night or on overcast days.

Note
This option requires a GPO (General Power Outlet) inside the roof.

Instructions for MB400Z model

Fit fan unit as per instructions for MB-400. See attached separate instructions sheet for attaching the second solar panel with built in battery to the roof and connecting it to the fan
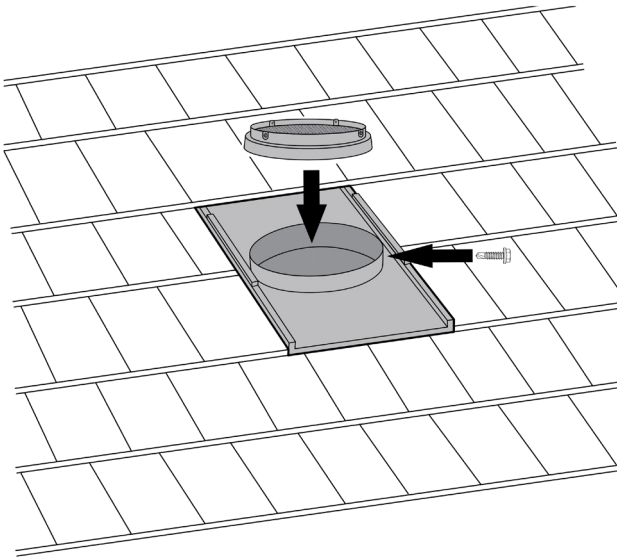
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Instructions for MB400 model

Step 1

Fit roof flashing as per the separate installation instruction provided.

Step 2

Fit reducer on top of flashing and fix into place with provided self-tapping screws

Step 3

- Line up the fan above the flashing
- Insert the thermostat cable inside the turret to hang inside the roof space (Plus models only)
- Fit fan inside the roof flashing
- Rotate the fan to face north
- Fix fan to the turret using provided self-tapping screws
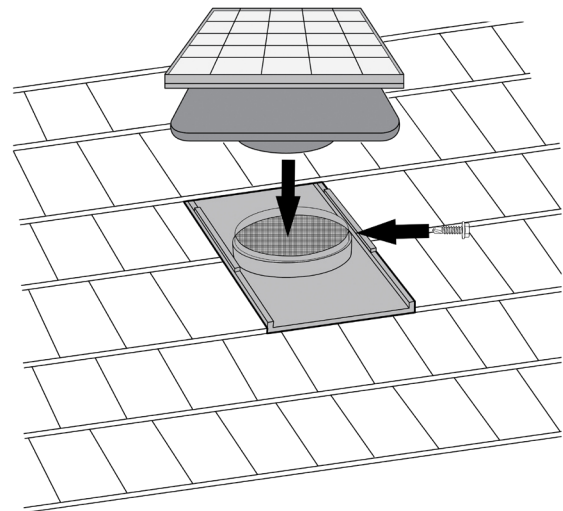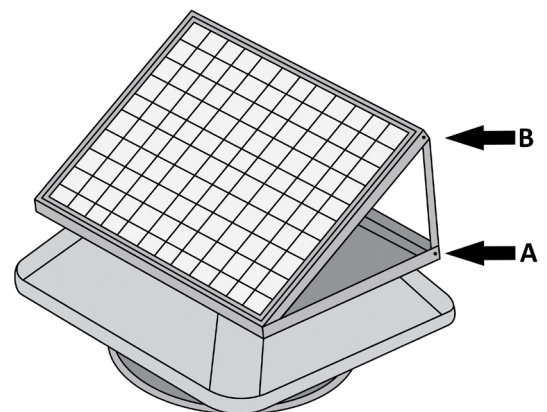

Step 4 (Optional)

Connect the provided DC/AC adaptor to main power to ensure the fan operates when the solar panel is not producing power, such as night or on overcast days.
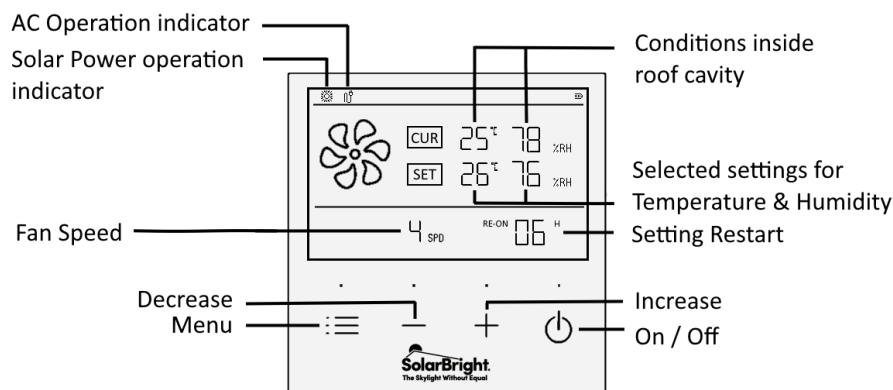
Note

This option requires a GPO (General Power Outlet) inside the roof.

Note

If required the Solar Panel can be tilted further by removing the 2 screws at the rear end of the panel (point A) tilting up and screwing the supplied bracket to the panel and frame (points A and B). Recommended for flat roofs or roofs with pitches that do not face north.

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User guide for Maxbreeze Remote Control

AC Operation indicator

Solar Power operation indicator

Conditions inside roof cavity

Fan Speed

Selected settings for Temperature & Humidity

Setting Restart

Decrease

Menu

Increase

On / Off

Click on menu button to check the selected settings and to switch between the functions

- Click on increase /decrease buttons to adjust the setting values
- Click Off/On button to start or stop the motor
- To change the temperature unit between °C and °F

- For black remotes: Press and hold the On/Off button for 10 seconds while in temperature mode.
- For white remotes: Press the Menu and On/Off buttons together for 10 seconds.

- Please note the size of the LED screen may differ between models, functionality remains the same

Understanding Symbols

	Rotating Blade = Motor is running **Static Blade** = Motor is ON but not running **Flashing Blade** = Motor is Off or not paired to the remote **NO Blade** = Motor is Off

25°C	Select the desired temperature inside the roof cavity – Ideal temperature is 25℃	78 %RH	Select the desired humidity level inside the roof cavity – Ideal level is 90%
4 SPD	Select desired fan speed (options of 1, 2, 3, 4 and Auto), ideal level is Auto. In Auto mode, the fan speed adjusts automatically based on the roof conditions. It will stop once the temperature drops to <25°C and humidity < 50%. When in Auto mode speed is not displayed.	06 H	Setting restart (countdown) timer, example: If the motor is turned off manually, it will turn on automatically after 6 hours on after any other number of hours selected

Pairing brand-new remote to the motor

1- Turn the power off (if connected to main power) and cover the solar panel, ensure all source of power are fully disconnected. Wait for 10 seconds

2- Uncover the solar panel to reconnect power then immediately click on 2 buttons decrease & power ⊖ ⏻ simultaneously for 5 seconds.

Lights 2 & 4 will flash indicating the pairing is completed, the blade will start rotating (providing ambient conditions meet the selected settings).