



INSTALLATION AND OPERATION INSTRUCTION MANUAL

BLIZZARD SQUARE DC EXHAUST FAN



With LED Light



Without LED Light

Model	Description
23026/05	270mm SQUARE DC Exhaust Fan – No Light
23027/05	330mm SQUARE DC Exhaust Fan – No Light
23028/05	270mm SQUARE DC Exhaust Fan – With Light
23029/05	330mm SQUARE DC Exhaust Fan – With Light

Minor design changes or otherwise may result in slight variations between the product illustrated and that which is contained within this package

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WARNINGS & IMPORTANT INFO

CONGRATULATIONS ON YOUR CHOICE

Thank you and we are delighted you have chosen a Brilliant Lighting Exhaust Fan for your home. Please read all instructions carefully before assembly and use.

SAFETY NOTICES

WARNING / CAUTION

A WARNING / CAUTION notice denotes a hazard. It calls attention to an installation procedure, operating procedure, maintenance procedure, or the like, that if not correctly performed or adhered to, could result in damage to this appliance, personal injury or death. Do not proceed beyond a WARNING / CAUTION notice until the indicated conditions are fully understood and met.

SAFETY SYMBOLS

	Alternating current
	Protective earth
	Warning/Caution

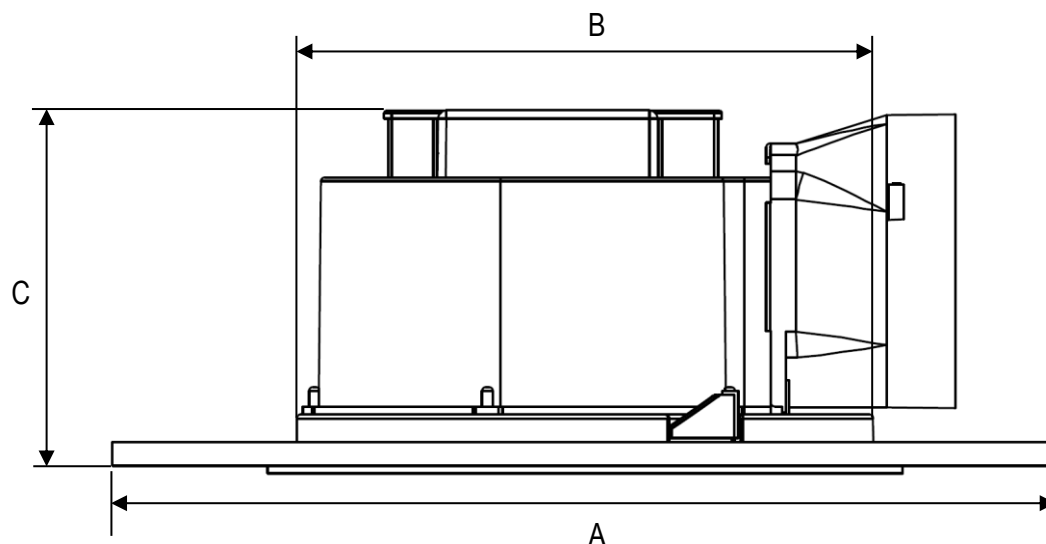
TECHNICAL SPECIFICATIONS

MODEL	COLOUR	RATED VOLTAGE (V)	MOTOR POWER (W)	LIGHT (W)	LUMENS (lm)	AIRFLOW*	Duct Sizes
23026/05	WHITE	220-240V~	20W DC	N/A	N/A	MAX 450m ³ /hr	Ø100mm & Ø150mm
23027/05			40W DC			MAX 600m ³ /hr	
23028/05			20W DC	15W	1100lm	MAX 450m ³ /hr	
23029/05			40W DC			MAX 600m ³ /hr	

* Based on duct outlet.

DIMENSIONS & PART LIST

DIMENSIONS



Model	A	B (Cut Out)	C
23026/05	Ø 270mm	Ø 255mm	185mm
23027/05	Ø 330mm	Ø 300mm	
23028/05	Ø 270mm	Ø 255mm	
23029/05	Ø 330mm	Ø 300mm	

SPARE PARTS LIST

Product code	Description	Barcode
SQUARE270WHITE	SQUARE FASCIA ONLY FOR 270 WHITE	9312641230342
SQUARE330WHITE	SQUARE FASCIA ONLY FOR 330 WHITE	9312641230359
SQUARE270LEDWHITE	SQUARE FASCIA ONLY FOR 270 W/LED WHITE	9312641230366
SQUARE330LEDWHITE	SQUARE FASCIA ONLY FOR 330 W/LED WHITE	9312641230373

WARNINGS & IMPORTANT INFO

Please observe the following general safety precautions carefully before and during all phases of handling, installation, removal, operation and maintenance of this product. Failure to comply with these precautions violates safety standards of design, manufacture and intended use of the product. Brilliant Lighting assumes no liability for customer's failure to comply with these requirements.



EXHAUST FAN INSTALLATION AND ELECTRICAL CONNECTIONS MUST BE CARRIED OUT BY A LICENCED ELECTRICIAN IN ACCORDANCE TO AS/NZS3000 RULES

SAFETY WARNINGS

1. Read all instructions and safety information. Review assembly diagrams provided before installing your new ceiling fan.
2. These units are not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
3. This fan should not be installed in an area that gets extremely hot.
4. Ensure there is at least a 50mm to 100mm gap between roof and the fan.
5. Minimum installation height is 2.1 meters from the floor to the bottom of the exhaust fan.
6. Please ensure the fan has not been damaged before installing.
7. Check that the electrical specification label corresponds to your electrical supply.
8. If the room where the fan is to be installed already contains a stove, gas fire or water heater, it is essential to ensure that the air supply to the room is enough for both the fan and these appliances.
9. When ducting the fan, ensure the duct is not bent.
10. If the supply cords are damaged, it must be replaced by the manufacturer, its service agents or a similar qualified person in order to avoid a hazard.

IMPORTANT INFO BEFORE INSTALLING

1. Installer needs to adhere to the latest national wiring rules AS/NZS3000, for wiring and when installing in bathrooms, nearby sinks and water taps.
2. For the Exhaust fan to work efficiently, replacement air of volume equivalent to what is being extracted must be able to enter the room. In general, this air would be drawn from under the door or through a slightly opened window.
3. Before commencing any cutting, check and confirm the mounting location to ensure there is no obstruction such as ceiling frames or joists. Check if the electrical wiring can be routed from the wall switch (not included with fan) to the mounting location.
4. This fan must be installed into a horizontal location, and is not suitable for wall mount, raked ceilings, windows or outside walls.

CLEANING & WARRANTY

INSTALLATION INSTRUCTIONS

1. Unpack the fixture carefully and place it on a flat surface.
2. Gently prise off the front cover from fan being careful of the springs.
3. When there is enough room, reach in and unplug the cable connector.
4. Turn off the power at the mains.
5. Consider the position that you wish the exhaust fan to be installed in carefully. Take care to avoid structural elements and existing wiring when selecting the position for your exhaust fan/light.

6. Mark and cut out a **255mm diameter hole** for units 23026/05 and 23028/05. (Fig 1).

7. Mark and cut out a **300mm diameter hole** for units 23027/05 and 23029/05. (Fig 1).

**255mm diameter hole for units 23026/05 and 23028/05.
300mm diameter hole for units 23027/05 and 23029/05.**

8. Cut the hole in the ceiling using a suitable plaster saw, jig saw or hole saw.
Always wear protective clothing, safety glasses and an appropriate respirator mask when cutting into plaster. Double check there are no hidden electrical cables or ceiling battens before cutting.

9. Note: if ducting is required to completely exhaust air from the room, then install a 150mm or 100mm duct pipe to the exhaust fan and lay the ducting across the ceiling and onto a suitable 150mm or 100mm exhaust vent. (Fig 2)

10. It is best to use short as possible ducting to avoid bends and turns. Longer duct results in higher pressure and lower airflow.

11. Insert fan power cable and LED light cable into the ceiling hole and plug them into the power point sockets in the ceiling as previously installed by a licensed electrical contractor.

12. Align the hole parallel to a wall. (Fig 3)

13. **There is a switch to adjust the colour temperature on back of the fan panel. Choose the colour temperature according to your personal preference. CW is cool white, DL is daylight, and WW is warm white. (Fig 4)**

Use template supplied to cut hole

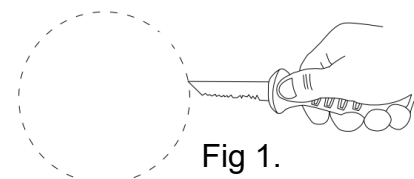


Fig 1.

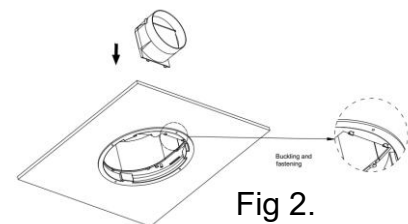


Fig 2.

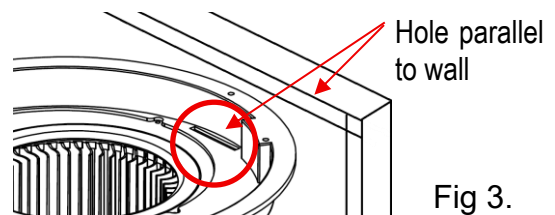


Fig 3.

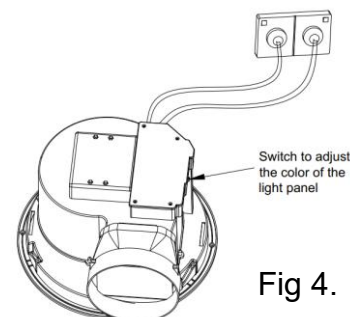


Fig 4.

CLEANING & WARRANTY

CLEANING AND DISPOSAL

Before cleaning, make sure to turn the unit off. Switch off the power supply from the electrical outlet and wait for the unit to stop.

- Use a soft, clean cloth to wipe any dust away.
- Do not try to open the unit without a licenced electrician.
- This unit is in accordance with the relevant safety requirements.
- For after sales requirements please refer to the warranty information below.

Do not dispose of electrical products with household waste. Check with your local council for advice. on disposal or recycling. If electrical goods are disposed of in landfills, hazardous substances can leak into the ground water and get into food chains. This could be damaging to your health and wellbeing.

WARRANTY

Brilliant Lighting warrants this product against defects in manufacture and workmanship for a period of 5 years from date of purchase. This warranty is only valid for products installed by a qualified electrical contractor and operated within the guidelines specified by Brilliant Lighting, and within the correct operating voltage ranges as stated on the product's rating label.

Warranty does not include damage or loss arising from incorrect installation, operation or maintenance of this product, damage caused through modification, incorrect installation, service by unqualified or unauthorised personnel or lack of regular maintenance and cleaning. Proof of installation by qualified personnel may be required, e.g. Electrical Safety Certificate. Proof of purchase must be supplied with all warranty claims.

This warranty is provided in addition to any other rights and remedies of the customer under any law. In applications not intended for household, personal or domestic use, liability is limited to replacement or reimbursement of product only. Brilliant Lighting does not warranty the costs of removal or re-installation of this product or associated components.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if goods fail to be of acceptable quality and the failure does not amount to a major failure.

Any claim under this warranty must be made within 5 years of the date of purchase of the product. To make a claim under the warranty; at your own expense take the product (with proof of purchase – receipt or similar) to the store where you purchased the product or contact Brilliant Lighting at the address below.

This warranty is given by:

Brilliant Lighting (Aust) Pty. Ltd.
ABN 37 006 203 694
36 Lakeview Dr, Scoresby VIC 3179
Phone: 03 9765 2555
Email: warranty@brilliantlighting.com.au
Website: www.brilliantlighting.com.au
MADE IN CHINA



PLEASE RECYCLE PACKAGING MATERIAL SUPPLIED WITH THIS PRODUCT