

Two (2) Year Warranty

This product has been manufactured to the highest quality standards.

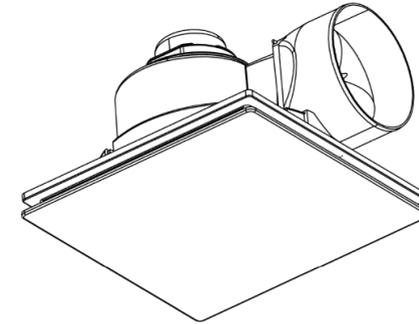
This product is warranted to the original purchaser and is not transferable.

The product is guaranteed to be free from defects in workmanship and parts for a period of 2 Years from the date of purchase. Defects that occur within this warranty period, under normal use and care will be repaired, replaced or refunded. The benefits conferred by this warranty are in addition to all other rights and remedies of the consumer under Commonwealth, State and Territory laws in relation to the goods or services to which this warranty relates and Australian Consumer Law. Risk in regard to the product to be repaired shall at all times remain with the Purchaser. The warranty is given on the condition that the product to which it applies is used for the purpose and in the manner intended by its construction and for no other purposes whatsoever. GSM Electrical (Australia) Pty Ltd shall not be responsible for damage of any kind, caused by accidents, power surges, electrical storm damage, incorrect power current, infestation (vermin or insect), incorrect installation, incorrect electricity or plumbing installation, improper use of controls or failure to use the product in accordance with the operating instructions, general misuse or abuse or from normal wear and tear. Any attempt by an unauthorised person to repair or tamper with the equipment shall render the warranty null and void.

GSM Electrical (Australia) Pty Ltd's liability under this warranty is limited to the replacement and/or repair of the defective parts within the warranty period and does not extend to installation or removal of the product. Acceptance of liability by GSM Electrical (Australia) Pty Ltd contained herein is to the exclusion of any other remedy whatsoever and howsoever arising in respect of any equipment to which it applies.

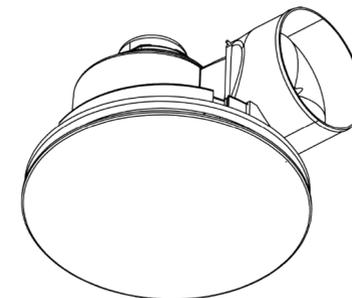


Installation and Operating Instruction Book



FNCEFDS

Ceiling Exhaust Fan Ducted Square Fascia 295mm Cut Out



FNCEFDR

Ceiling Exhaust Fan Ducted Round Fascia 295mm Cut Out



CAUTION!
READ ALL SAFETY PRECAUTIONS AND INSTRUCTIONS CAREFULLY
BEFORE INSTALLATION AND OPERATION.

TABLE OF CONTENTS

INTRODUCTION & SPECIFICATIONS	4
SAFETY PRECAUTIONS	5
UNPACKING YOUR EXHAUST FAN	6
CHOOSING A PROPER LOCATION	7
INSTALLATION INSTRUCTIONS	8
CARE, MAINTENANCE AND TROUBLESHOOTING	11

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INTRODUCTION & SPECIFICATIONS

CONGRATULATIONS ON YOUR CHOICE

Thank you and we are delighted you have chosen a TRADER 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
	Fuse-link
	Protective earth
	Warning/Caution

PRODUCT SPECIFICATIONS

MODEL	RATED VOLTAGE	RATED FREQUENCY	EXHAUST FAN POWER	AIR VOLUME	NET WEIGHT	DUCT OUTLET
FNCFDSS	220-240V~	50Hz	40W	350m³/hr	2.2kg	ø150mm
FNCFDSR	220-240V~	50Hz	40W	350m³/hr	2.2kg	ø150mm

SAFETY PRECAUTIONS

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

Exhaust fans may adversely affect the safe operation of appliances burning gas or other fuels (including those in other rooms) due to back flow of combustion gases. These gases can potentially result in carbon monoxide poisoning. After installation of an exhaust fan such as a partition fan or a duct fan the operation of flued gas appliances should be tested by a competent person to ensure that back flow of combustion gases does not occur.



SAFETY WARNINGS

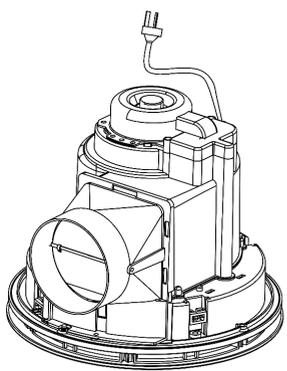
1. Read all instructions and safety information. Review assembly diagrams provided before installing your new exhaust fan.
2. All electrical work must only be undertaken after disconnection of the power by removing fuses or turning off the circuit breaker, to ensure all pole disconnection from the electrical supply.
3. **All electrical work must be carried out by a licensed and qualified electrician and in accordance to AS/NZS 3000 Wiring Rules and applicable local authority regulations.**
4. **It is the responsibility of qualified, licensed installer and user to apply common sense and care at all times during installation, maintenance and operation of the appliance.**
5. This product 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 product by a person responsible for their safety.
6. Children should be supervised to ensure that they do not play with the appliance.
7. Do use a power cable with a minimum of 10A rating.
8. Do not cut or notch joists, beams and rafters to install the appliance.
9. Do not damage hidden electrical wiring or utilities when making the ceiling cut.
10. The product must be installed so that switches and other controls cannot be touched by a person in the bath or shower.
11. Do not install the product directly above the shower, bath enclosures or a location where it would be exposed to water splash, excess vapour or high temperature. Never install ducts into flue with poisonous gas.
12. Do not spray clean the unit with water or other liquid. This may cause short circuit or electric shock.

13. This product must be earthed.
14. The product must be installed so that the relevant national regulations and Australian building code requirements concerning ventilation and the discharge of air are fulfilled.
15. Check and confirm after the product is completely installed that all connections are proper and secure to prevent the product from falling, causing property damages or injury.
16. Do not probe through the fascia opening.
17. Do not install or use the appliance outdoor where it could be exposed to water or moisture (indoor use only).
18. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
19. The exhaust fan is for indoor use only and to be installed so that the lowest point is 2.1m above the floor.

UNPACKING YOUR EXHAUST FAN

Open the original carton and verify the following items are available for the standard purchase of this product. If there are any missing or mechanically damaged items, contact the Mercator Customer Care. Do not throw away the carton or other packaging material as it may be needed if warranty replacement or repair is ever necessary.

Included in the box:



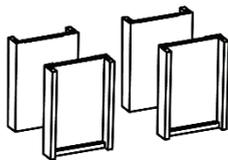
1 x Exhaust Fan



1 x Cut out template



1 x Instruction book & Warranty card



4 x Clamp Covers



- Do not use solid state controllers.

CHOOSING A PROPER LOCATION

HOW TO CHOOSE A PROPER LOCATION FOR EXHAUST FAN

This product can be installed indoor in places that require circulated air flow such as bathrooms, ensuites and laundries. **The product comes with a power cord and plug that is to be connected to a pre-wired power outlet.**

Consideration on safety

1. Do not install the product in a location where water might splash onto the unit or control switches can be touched by a person in the bath or shower.
2. The air transferred shall not be flammable, explosive or corrosive.

Consideration on ventilation

3. It is very important that air is allowed to enter the room being ventilated. This can be done by increasing gap under the door, installing door grilles or ensuring adequate inlets through window. **It is impossible to exhaust more air from a room than is allowed to enter it.**
4. The product should be positioned to ensure ventilation air traversing the room provides ventilation to all areas. Avoid positioning the product too close to windows or doors as such positioning cut short the airflow path and does not provide proper ventilation. Ensure air is ventilated to outside through ductwork. **Precaution must be taken to avoid the back-flow of gases into the room from the open flue of gas or other fuel-burning appliances.**

Consideration on orientation

5. The product must be horizontally mounted in the ceiling cavity. Gradient installation is not allowed.
6. It is recommended that the air outlet points towards an outer wall and the ductworks interconnecting the air outlet and the external grille (not supplied) are laid in a straight fashion. If it is desirable for ductworks (not supplied) to run across any timber structures such as rafter, stud or joist, ensure the closest structure is not within 250mm of the air outlet.

Consideration on clearances

7. If there is a draft stopper, ensure the air outlet of the product is not directed to or close to a rafter or stud allowing draft stopper on the outlet to fully open when fan is turned on.
8. The product should be placed within 80 cm of a pre-wired socket allowing power cable to be connected. Each power cord with plug is 100 cm in length.
9. Ensure at least 2.1 meters between the product and the floor.
10. Ensure there is at least 300 mm clearance above the ceiling for installation.

11. Ensure there is at least 250 mm clearance surrounding the product.
12. Ensure the product is at least 1 meter away from nearby source of heat.
13. Ensure the product is site away from areas containing excessive levels of grease.
14. Do not cut or notch joists, studs, beams and rafters to install the product.
15. Ensure the roof rafter is strong enough to support the weight of at least 35 kg.

MODEL	FNCEFDS	FNCFDR
Fascia Size	335x335mm	ø335mm
Cut Out Size	ø295mm	ø295mm
Product Height Without Fascia	195mm	195mm
Product Height Including Fascia	225mm	224mm

INSTALLATION INSTRUCTIONS

RECOMMENDATION ON DUCTING INSTALLATION

1. Plan the required length of duct (not supplied) carefully; cutting off excessive length of duct and ensuring ducting is as short as possible.
2. Ensure ducting is fully extended, properly supported, straight and not slacking.
3. Ensure ducting is not obstructed or squeezed.
4. Avoid bending the duct.
5. Do not use ducting with a diameter smaller than the diameter of the outlet, or the collar of the grille to which the duct is connected.
6. Secure ducting connection properly using clamp, cable tie or tape.

HOW TO INSTALL THE EXHAUST FAN



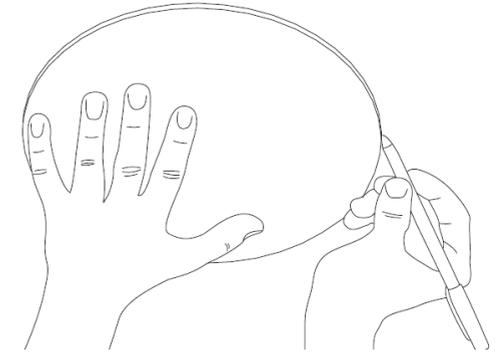
Make sure electricity is turned off at the mains power box before commencing work. Turn-off the power by removing fuse or turning off circuit breaker before installing the product.

If installation of power outlet is required, all electrical work must be carried out by a licensed and qualified electrician and in accordance to AS/NZS 3000 Wiring Rules and applicable local authority regulations.

I. LOCATING THE POSITION:

1. Choose an appropriate mounting location with reference to instructions under “HOW TO CHOOSE A PROPER LOCATION FOR THE EXHAUST FAN” on page 4.

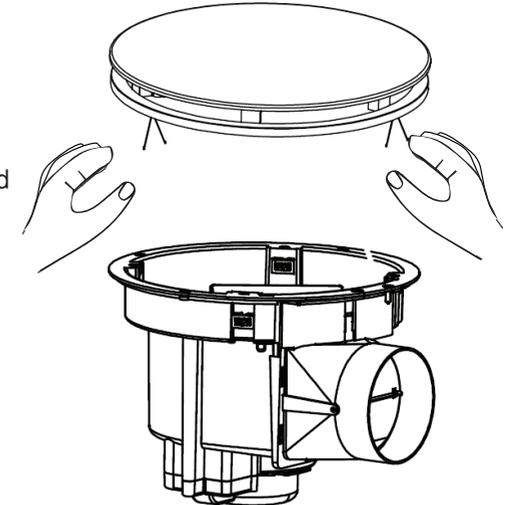
Make sure there are two accessible power outlets in the ceiling. The area behind the intended location must be clear of obstacles such as cables, pipes and joists. Use a pencil and trace around the template (enclosed in the package).



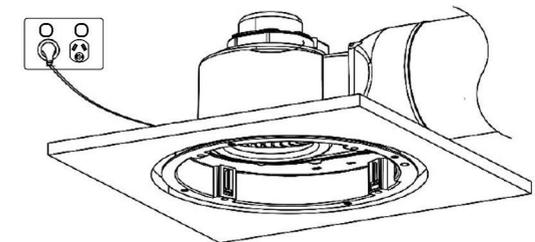
Using an appropriate cutting device, cut along the line and remove excess material from the ceiling.

II. INSTALL THE FAN:

2. Remove fascia from fan body by holding down the two springs located behind the fascia. Push the bar clamps fully inwards.



3. Install ductwork following recommendation on ducting installation, and direct the duct (not supplied) towards the hole and the direction of outlet on the product. Connect ducting to outlet and secure its connection.

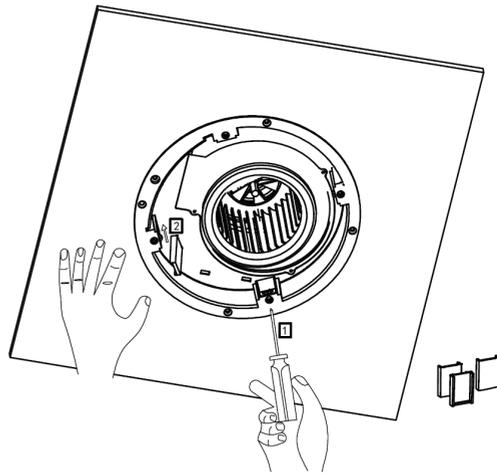


Connect plugs to pre-installed power outlet.

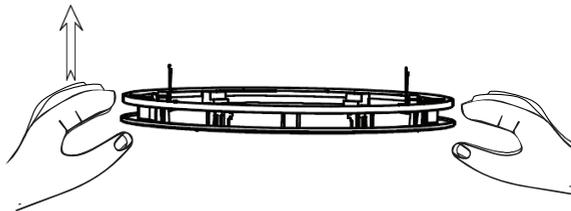
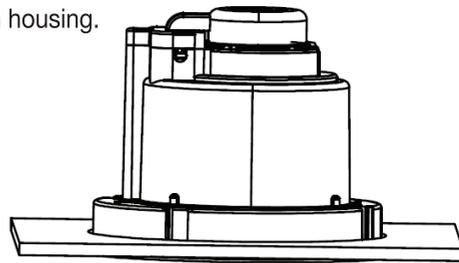
4. Push the bar clamps outwards and hand-tightened four screws supplied to secure unit onto ceiling. Do not over tighten the screws.

Clip in the four clamp covers supplied separately for each bar clamp openings to help stop dust and back draft from entering the back body.

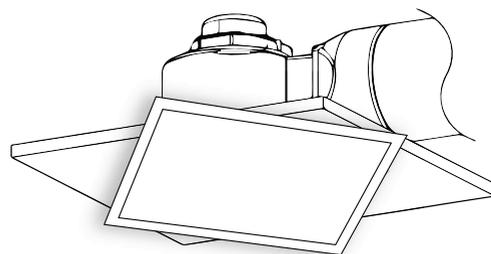
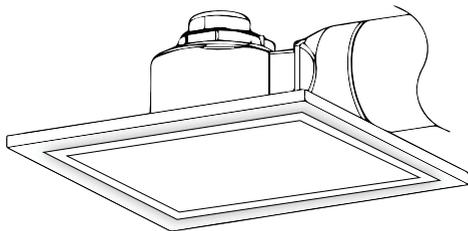
NOTE: If ceiling is thicker than 13mm, remove the bar clamps and use wood screws instead (not supplied) to secure the exhaust fan to ceiling. Locate screws through the 4 screw holes on the outer lip of fan housing.



5. Reinstall the fascia.



6. FNCEFDS fascia mounts to the fan in the same manner using the spring clips but it has the ability to rotate once mounted to allow to it be aligned with walls.



CARE, MAINTENANCE AND TROUBLESHOOTING

Make sure electricity is turned off at the mains power box before commencing work. Turn-off the power by removing fuse or turning off circuit breaker before installing the product. Allow the fan to stop completely before commencing work.

CLEANING

Regular cleaning of the fan is recommended to avoid excessive build-up of dust and ensure optimum performance.

1. After power is turned off and the fan has stopped and cooled down, wipe the outer surface with a clean damp cloth. Do not use alcohol cleaner, cleaning agents or solvents when cleaning.
2. Do not remove the fascia and use dishwasher to clean.

TROUBLESHOOTING GUIDE

Read the information below before calling for warranty.

1. FAN AND LIGHT DOES NOT START OR OPERATE

- i. Check that the main circuit breakers are in "ON" position
- ii. Check the power outlet switch is turned "ON".
- iii. Check that the fan is free from any obstructions.

2. FAN SOUNDS NOISY

- i. Some noise is normal as exhaust fan moves air quickly and this results in some noise.
- ii. Check that the clamping screws are firmly tightened and not loose.
- iii. Check the fascia is securely attached.
- iv. Check that the fan is free from any obstructions.

3. FAN DOES NOT MOVE MUCH AIR

- i. Exhaust fan removes air from room and the air discharged must be replaced by fresh air from outside. This source of fresh air generally occurs at the door gap or windows. If the room has insufficient replacement air coming in, the exhaust fan can be noticeably noisier and barely extract air.
- ii. To correct this, increase the gap on the door or windows to ensure the outside air can come in.
- iii. If the fan is ducted, ensure there are no obstructions inside the duct.
- iv. Check that the back draft is fully open when the fan in operation.



PLEASE RECYCLE ALL PACKAGING MATERIAL SUPPLIED WITH THIS PRODUCT