



INSTALLATION & INSTRUCTIONS

AIR TRANSFER KIT

Model No VATK150



Read this manual and follow all safety recommendation
and operating instructions before operating

SAVE THIS MANUAL FOR FUTURE REFERENCE

1

READ AND SAVE THESE IMPORTANT INSTRUCTIONS



READ CAREFULLY BEFORE ATTEMPTING TO ASSEMBLE, INSTALL, OPERATE OR MAINTAIN THE PRODUCT DESCRIBED. PROTECT YOURSELF AND OTHERS BY OBSERVING ALL SAFETY INFORMATION. FAILURE TO COMPLY WITH INSTRUCTIONS COULD RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE!

GENERAL SAFETY INFORMATION

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock and injury to person, including the following:

WARNING: DO NOT CONNECT POWER SUPPLY UNTIL FAN IS COMPLETELY INSTALLED. MAKE SURE ELECTRICAL SERVICE TO THE FAN IS LOCKED IN OFF POSITION.

1. Read all instructions before installing or using exhaust fan.
2. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.
3. Before servicing or cleaning the unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
4. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-related construction.
5. Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the Building Code Australia, and the local council regulations.

2

CAUTION: FOR GENERAL VENTILATING USE ONLY. DO NOT USE TO EXHAUST HAZARDOUS OR EXPLOSIVE MATERIALS AND VAPORS.

6. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
7. This unit has rotating parts and safety precautions should be exercised during installation, operation and maintenance.
8. Guards must be installed when fan is within reach of personnel or within 2.3 meters of working level or when deemed advisable for safety.
9. NEVER place a switch where it can be reached from a tub or shower.
10. Do not insert or allow fingers or foreign objects to enter the motor.

WARNING: DO NOT USE IN KITCHENS

Safety Warnings

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

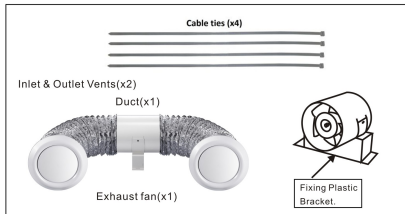
- To prevent fire or shock hazard, DO NOT expose this appliance to rain or moisture.
- Dangerous high voltages are present inside the motor enclosure. To avoid electric shock, DO NOT open the motor enclosure. Refer all servicing to qualified personnel only.
- Ensure the fan is not placed near drapes, curtains, or any objects that may be drawn into the fan.
- To protect against fire, electrical shock and injury to persons, do not immerse the unit, plug or cord in water or spray it with liquids.
- No naked flames sources, such as candles, should be placed on the product.
- Ventilation should not be impeded by covering the ventilation openings. Slots and opening are provided for ventilation to ensure reliable operation of the product and to protect it from overheating.

3

- Place the fan on a stable level surface when operating to avoid overturning.
- Only connect to a suitably AC 220-240V-50Hz mains socket.
- Do not operate fan in the presence of explosive and/or flammable fumes. Do not place the fan or any parts near an open flame, cooking or other heating appliance.
- Precautions must be taken to prevent backflow of gasses into the room from the open flue of gas or other fuel-burning appliances.
- Do not operate the fan with a damaged cord or plug, after a malfunction or if there is dropped or damaged in any manner.
- This appliance 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 appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Switch the fan OFF and unplug it from the outlet when it is not in use, when moving fan from one location to another and before cleaning.
- Do not attempt to repair, disassemble or modify the appliance. There are no user-serviceable parts inside.

4

PARTS LIST



INSTALLATION INSTRUCTIONS

CAUTION: MAKE SURE POWER IS SWITCHED OFF AT SERVICE PANEL BEFORE STARTING INSTALLATION.

NOTE: THIS EXHAUST FAN IS FITTED WITH A SUPPLY CABLE AND PLUG, THERE IS NO NEED TO OPEN THE FAN FOR WIRING.

NOTE: THE LOCATION OF INSTALLATION MUST BE NEAR A SOCKET OUTLET. A LICENSED ELECTRICIAN WILL BE REQUIRED TO INSTALL THE SOCKET OUTLET.

NOTE: FOR BEST PERFORMANCE, THE LOCATION OF THE INLET AND OUTLET VENT SHOULD BE WITHIN 6M IN DUCT LENGTH.

Preparing for Fan Installation

1. When selecting fan mounting location, the following criteria should be considered:

a) Mounting to minimize noise generated by fan operation:

Mounting the fan as far as possible from the intake point will minimize fan operating noise from being transmitted back through the duct work. If the fan is to be used as a booster for moving the air between two rooms, a central point along the duct may be optimal.

b) Service accessibility: Fan location should allow sufficient access for service.

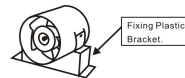
5

Installing the Fan

Using the screws provided, attach the fan Fixing plastic mounting bracket to the fan in the middle as shown below, and then secure to a suitable surface, joist, or structure made for the fan.

Ensure the direction of the airflow is correct when securing the fan.

Make sure the supply cable and plug is within reach of the mains socket outlet.



NOTE: Fan mounting can be at any point along the duct.

TIPS: If the outlet is to another room, then the fan should be in the middle of the duct to reduce fan noise. If the outlet vent is to outdoor, then position the fan near the outlet to prevent back draw of outdoor air.

For best performance, place the fan motor as close to the outlet as possible. These fans pull air better than they push it.

Please pay attention to the direction of airflow sticker located on the fan.

Installing the Inlet and Outlet vent

1. Locate an suitable location for the Inlet and Outlet vents.
2. Cut a suitable hole into the vents mounting surface.
3. Remove the front cover set and then insert the vents into the hole surface and secure with screws.

NOTE: When performing the cut out hole for the outlet vents, ensure there is no electrical wiring, joist, or structural member are cut.

NOTE: For best performance, duct length between the inlet and outlet length must not be more than 6 metres.



6

Installing the duct

- 1) Cut the required two duct length and inlet vent to the fan and from the fan to the outlet vent.
- 2) Pull the duct over the fan inlet and secure with the cable ties provide. Repeat process for the inlet vent.
- 3) Repeat step 2 for the fan outlet to the vent outlet.

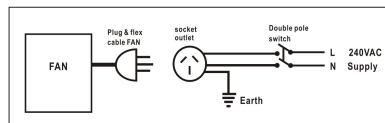
Note: It is recommended the duct be used in a fully extended position and with minimal amount of bends or turns. This will reduce any unnecessary friction pressure resulting in reduction of airflow.

Wiring diagram

Warning: For your safety, all electrical work must be carried out by a licensed electrician. All electrical wiring must be in accordance with latest national wiring rules AS/NZS 3000.

Warning: Ensure the power supply to the exhaust fan is switch OFF before carrying out any installation and maintenance.

Note: A double switch must be included in the electrical wiring of the exhaust fan.



SPECIFICATION

Model	Rated voltage (VAC)	Input (w)	Air-Flow (m³/h)	Size (mm)
VATK150	220-240	25	250	150

7

MAINTENANCE & SERVICE

Before carrying out any maintenance, ensure the power is switched OFF from the mains power supply.

1. Wipe down the fascia and grilles with a wet soapy cloth only. Do not allow water to contact electrical part, such as motor.
2. Never use petrol, benzene, thinner or any other such chemicals for cleaning the ventilating fan.
3. Do not immerse resin parts into hot water over 60°C.
4. Do not place hot objects near or install nearby hot appliances.

8