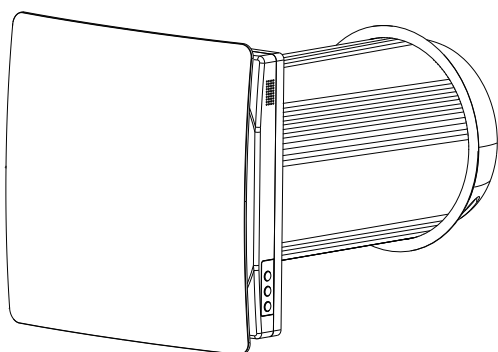


VA-5002

Operation Manual



Operation Manual

SAFETY REQUIREMENTS

- Read the operation manual carefully prior to the operation and installation of the decentralized ventilator.
- Installation and operation of the ventilator shall be performed in accordance with the present operation manual as well as the provisions of all the applicable local and national construction, electrical and technical codes and standards.
- The warnings contained in the present operation manual must be considered seriously since they contain vital personal safety information.
- Failure to follow the safety regulations may result in an injury or ventilator damage.
- Read the manual carefully and keep it as long as you use the ventilator.
- When transferring the ventilator control, the operation manual must be passed on to the receiving operator.

Symbol legend used in the manual:

	WARNING!
	DO NOT!
VENTILATOR MOUNTING SAFETY PRECAUTIONS	
	The ventilator must be disconnected from the power supply prior to every installation or repair operation.
	The ventilator must not be operated outside the temperature range stated in the user's manual or in aggressive or explosive environments.
	Do not position any heating devices or other equipment in close proximity to the ventilator power cord.

Operation Manual

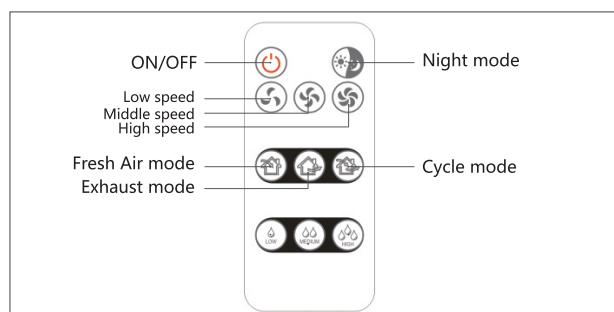
	Do not use damaged equipment or conductors to connect the ventilator to power mains.		Do not wash the ventilator with water. Protect the ventilator electric parts from water ingress.
	While installing the ventilator follow the safety regulations specific to the use of electric tools.		Do not block the air duct when the ventilator is working.
	Unpack the ventilator with care.		Disconnect the ventilator from power supply before maintenance.
	Use the ventilator only as intended by the manufacturer.		Do not damage the power cable while operating the ventilator. Do not put any objects on the power cable.
VENTILATOR OPERATING SAFETY PRECAUTIONS			Keep explosive and inflammable products away of the ventilator.
	Do not touch the controller or the remote control with wet hands. Do not carry out the ventilator maintenance with wet hands.		Do not open the operating ventilator.
	Do not let children operate the ventilator.		In case of unusual sounds, or smoke, disconnect the ventilator from power supply and contact the service centre.
			Do not let air flow from the ventilator be directed to the open flame devices or candles.

Operation Manual

REMOTE CONTROL FUNCTION DESCRIPTION

- Electrical parameter**
- Operating Voltage: DC3V(CR2025Button battery)
 - Emission current <5mA

- Sleep standby current <10μA
- Effective control distance: partition walls > 15m, open > 30m
- Carrier frequency: 433.92MHz



REMOTE CONTROL

1. Turning ventilator ON/OFF.




	ON/OFF
---	--------

2.Night Mode


	ON/OFF
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If **Night Mode** is activated, the ventilator switches to the first speed and cycle mode. Activation of night mode is confirmed by a long sound signal. Press night mode again exits night mode, confirmed by a short sound signal.

3. Speed setting


	Low speed.
	Middle speed.
	High speed.

4. Operation mode

	Fresh Air mode. Air is supplied to the room at a set speed
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	Exhaust mode. Air is extracted (factory setting) at a selected speed.
	Cycle mode. The ventilator operates 65 seconds in Supply mode and then 65 seconds in Exhaust mode.

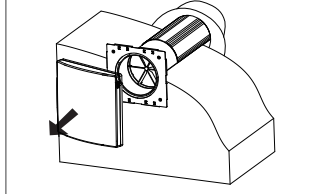
MAINTENANCE



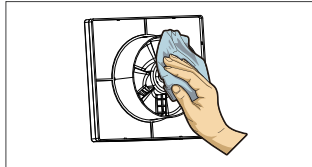
DISCONNECT THE VENTILATOR FROM POWER SUPPLY PRIOR TO ANY MAINTENANCE OPERATIONS.

Maintenance of the ventilator means regular cleaning of the ventilator surfaces of dust and cleaning or replacement of the filters.

1.Fan maintenance (once per year).

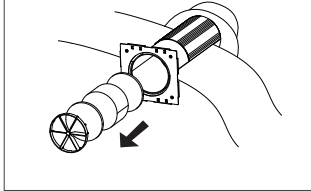


Pull the ventilator to remove.

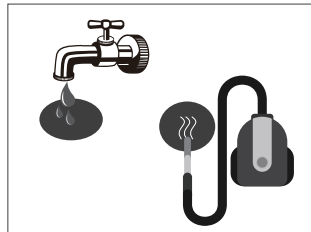


Clean the impeller blades. To remove dust use a soft brush, doth or a vacuum cleaner. Do not use water, abrasive detergents, solvents, sharp objects. The impeller blades must be cleaned once in year.

2.Filter maintenance



Remove the air flow rectifier.
Remove the filters



Rinse or vacuum the filters.

TROUBLESHOOTING

Possible faults and troubleshooting

Fault	Possible reasons	Fault handling
The fan does not start up during the ventilator start-up.	No power supply.	Make sure that the ventilator is properly connected to the Power mains and make any corrections, if necessary.
	Motor is jammed, the impellers are clogged.	Turn the ventilator off. Troubleshoot the motor jam and the impeller dogging. Clean the blades. Restart the ventilator.
Automatic switch tripping following the ventilator turning on.	Overcurrent resulted from short circuit in the electric circuit.	Turn the ventilator off. Contact the service center.
Low air flow.	Low set fan speed.	Set higher speed.
	The filter, the fan or the regenerator are dirty.	Clean or replace the filter, clean the fan and the regenerator. For the regenerator and the filter maintenance, refer to page 6.

The ventilator generates sound signals.	The operating time meter for filter replacement is activated.	For the regenerator and the filter maintenance, refer to page 6.
High noise, vibration.	The impeller is soiled.	Clean the impeller.
	Loose screw connection of the ventilator casing or the ventilation hood.	Tighten the screws of the ventilator or the outer ventilation hood.

For replacement filters, contact:

Ventilators Australia
e: admin@ventilatorsaustralia.com.au
p: 1300 503 873