

AIRBUS **DC**

24/7 HEALTHY VENTILATION

AIRBUS DC INSTRUCTION MANUAL



This picture is for reference only, it does not mean you are purchasing an identical product. Styles may vary according to model.

Instruction Manual - Revision 1.2.1

Models (Including all fascia options):

PVPXDC200, PVPXDC200WHRDLEDR, PVPXDC200WHRDR,
PVPXDC200WHSQLEDR, PVPXDC200WHSQR,
PVPXDC250, PVPXDC250WHRDLEDR, PVPXDC250WHRDR,
PVPXDC250WHSQLEDR, PVPXDC250WHSQR

CAUTION



Read instructions carefully for safe
installation and fan operation.

CONTENTS:

- Technical Data
- Dimensions
- Installation Precautions
- Installation
- Operation
- Installing LED fascia
- Maintenance

THANK YOU FOR PURCHASING

Thank you for purchasing this quality Ventair exhaust fan.
To ensure correct operation and safety, please read all instructions prior
to using the product and keep all instructions for future reference.

INSTALLATION PRECAUTIONS



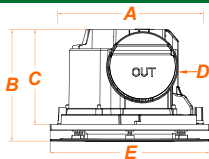
WARNING

When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electrical shock and personal injury.

TECHNICAL DATA

Model No:	PVPXDC200	PVPXDC250
Rated Voltage	220 - 240VAC 50Hz	220 - 240VAC 50Hz
Power Consumption	4 - 15W	4.5 - 42W
Noise (dB)	22 - 32 dB(A)	23 - 39 dB(A)
Duct Size	150mm Diameter	150mm Diameter
Air Delivery	80 - 210 m ³ /h	80 - 410 m ³ /h
LED Power & Lumens	10W - 1050 _(rd) 1200 _(sq) lm _(avg)	14W - 1440 _(rd) 1600 _(sq) lm _(avg)
Colour Temperature	3,000K/4200K/6,500K	3,000K/4200K/6,500K
Minimum Install Depth	220mm	220mm
Recommended Cut Out	240mm	300mm

DIMENSIONS



MODEL	A	B	C	D	E
PVPXDC200	235mm	∅ 218mm	190mm	∅ 150mm	268mm
PVPXDC250	291mm	∅ 227mm	195mm	∅ 150mm	328mm



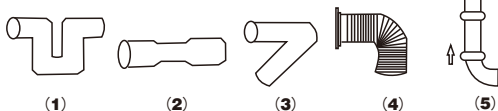
IMPORTANT

ALL ELECTRICAL WORK MUST BE COMPLETED
BY A LICENSED ELECTRICIAN.

IMPORTANT:

1. 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.
2. Children should be supervised to ensure that they do not play with the appliance.
3. Never install the fan where it is extremely hot!
4. If the room where the fan is to be installed already contains a stove, water heater or a gas fire, it is essential to ensure that the air supply to the room is enough for both the fan and the combustion appliance.
5. Please ensure the appliance has not been damaged before installing.
6. Check the electrical specifications label corresponds to your electrical supply.
7. When using a double pole switch connection, the switch must be with a minimum 3mm separation on all poles.
8. If the supply cord is damaged, it must be replaced by a suitably qualified person.
9. All wiring must be carried out by a licensed electrician.
10. To ensure maximum possible airflow and performance, flexible ducting should be fully expanded with no unnecessary bends or vertical runs.

AVOID THE BELOW DUCT CONFIGURATIONS



IMPORTANT CONSIDERATIONS BEFORE INSTALLING:

1. This unit must be located and installed in accordance with the latest edition of the AS/NZS3000 wiring rules and local building codes relating to damp situations when installing in bathrooms, near sinks and water taps.
2. For the exhaust fan to work efficiently, replacement air of equivalent volume to what is being extracted must be able to enter the room. In general, this air would be drawn under the door. **NOTE:** If the room is airtight, the fan will function poorly.
3. Before commencing any cutting, check the mounting location to ensure there is no obstruction such as ceiling frames or joists. Check the electrical wiring can be routed from the wall switch to the mounting location.
4. This fan is not intended for mounting in outside windows or walls.

INSTALLATION

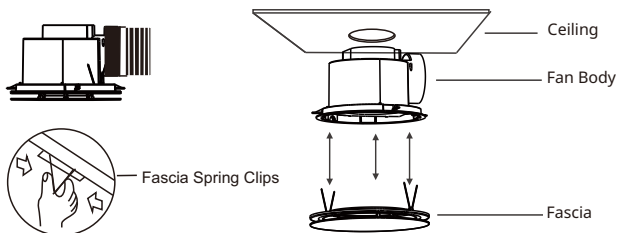


WARNING

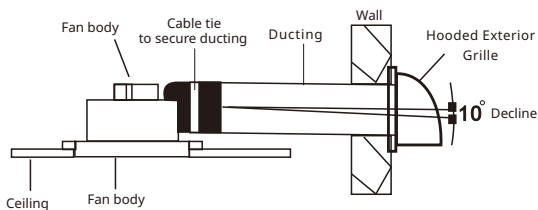
BEFORE INSTALLING THE FAN, MAKE SURE THE POWER IS OFF AT THE MAIN ELECTRICITY SUPPLY.
DO NOT TURN IT BACK ON UNTIL THE FAN IS FULLY INSTALLED AND READY TO USE.

NOTE: A means for all pole disconnection must be incorporated in the fixed wiring in accordance with the local wiring rules.

1. Ensure the impeller is free to rotate and the duct outlet is oriented towards the exit vent.
2. Cut the hole for the fan using the template provided ensuring sure the area behind the intended position is free from impediments.
3. Plug fan into socket outlet and (optional) connect an active wire into the 'additional features terminal' to enable toggle switch functions (see page 5 for additional information).
4. Using a Phillips head screwdriver firmly secure fixing arms, being careful not to over tighten.
5. Ducting can be attached to the air outlet prior to installing into position (see page 3 for additional information).
6. A standard 3 pin electrical socket with an ON / OFF wall switch is required for installation, please arrange a licensed Electrician to prepare this.
7. Switch the fan ON and check for excessive vibration or noise. If fan is running as desired secure the fascia by squeezing the spring fasteners and insert into the slots in the fan body.

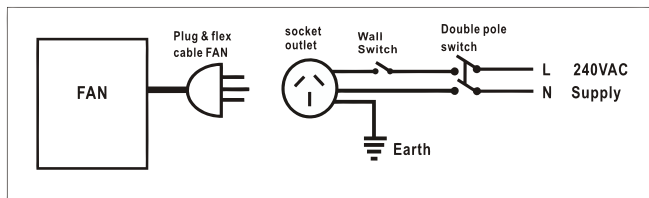


NOTE: When installing the fan in a bathroom, the duct should decline downwards about 10 degrees.



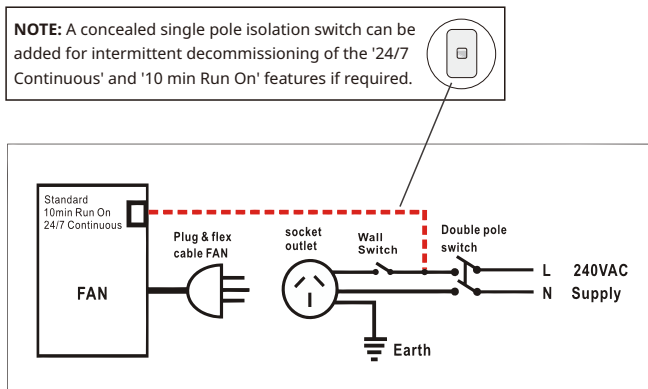
WIRING CONFIGURATIONS

Wiring for Standard Operation



Wiring for 10 min Run On or 24/7 Continuous Operation

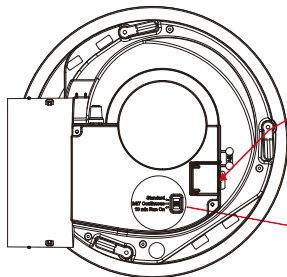
NOTE: A concealed single pole isolation switch can be added for intermittent decommissioning of the '24/7 Continuous' and '10 min Run On' features if required.



PLEASE NOTE: For activation of '24/7 Continuous' or '10min Run On' functions, the toggle switch should be set prior to connecting the power supply (see page 6 for additional information).

Connect an **active wire** into the 'additional features' terminal block to enable the toggle switch functions (see diagram on page 6 for terminal block location).

OPERATION



ADDITIONAL FEATURES WIRING TERMINAL.

Connect active supply here for activation of '10 min run on' or '24/7' settings. See wiring diagram on page 5.



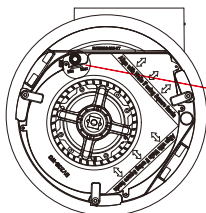
PLEASE NOTE: For activation of '24/7 Continuous' or '10min Run On' functions, the toggle switch should be set prior to connecting the power supply.

STANDARD: The default position. The exhaust can simply be turned on and off at the wall switch (not included), just like a standard exhaust fan. No extra wiring is required for this configuration.

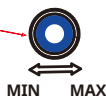
10 min Run On: The fan will continue to operate at the selected speed for 10 minutes after the wall switch is turned off. This helps to remove any residual steam, moisture and condensation that can linger after bathing or showering.

24/7 Continuous: The fan will revert to a very low speed (trickle) whenever the wall switch is turned 'OFF'. This creates a subtle airflow that helps to prevent mould and condensation in the bathroom and promotes a healthier living environment by encouraging air changeover within the home. i.e. stale air will slowly be replaced with fresh air.

The 'Speed Control Dial' adjusts the airflow volume (and noise level) to suit specific applications or personal preference such as: Commissioning to exact airflow specifications or climatic variation in temperature or humidity.



Speed Control Dial
(accessible when fascia removed)



INSTALLING A LED FASCIA

1. Attach LED driver to the fan body by peeling the backing from the double-sided tape (see diag. 1 for positioning).
2. Plug the Fan and LED driver into a power outlet. Knock out the stamped tab in the motor body and feed the LED output connector through (See diag. 2).
- NOTE:** A second, separately switched outlet may be used for individual fan and light control.
3. Secure fan body to the ceiling using the clips and screw to tighten.
4. Connect the LED light plug to the LED driver socket securely (See diag. 3).
5. Feed LED cable back through the hole so the cables are hidden in the ceiling cavity.

NOTE: TO AVOID OVERHEATING, DO NOT COVER THE LED DRIVER.

Diagram 1

Attach LED driver to fan by removing backing from double sided tape



Diagram 2

Feed connector through hole.



Diagram 3

Connect LED driver and panel plugs, screw locking ring to secure.



**LED Driver Tri-colour selector switch
(CW/NW/WW)**

LED DRIVER



Tri-colour operation: Set the switch on the driver to the desired colour temperature prior to installation.

NOTE: Switch the fan on and check for excessive vibration or abnormal noise before installing the fascia.

Secure the fascia by squeezing the fastening springs together and inserting them into the slots in the fan body. Check the fascia is secured firmly and sitting close to fan body.



MAINTENANCE



WARNING

Failure to follow safety instructions may result in considerable danger to the user

1. Make sure the fan is always switched off before cleaning.
2. Make sure to use the fan only with the voltage and frequency specified on the rating sticker.
3. Never immerse any part of the fan in water or other liquids.
4. Never use petrol, benzene or any other such chemicals for cleaning the fan.
5. Never allow water to contact the electrical parts such as switch and motor.
6. Never immerse blades or other resin parts in hot water over 60°C.
7. Never install the fan in extremely hot environments.
8. Do not try to open the unit. No user-serviceable parts inside.
9. Repairs should only be carried out by a qualified service technician using original parts.

CLEANING, STORAGE AND DISPOSAL

Before cleaning, isolate power to the unit, unplug from the electrical outlet and wait for the unit to cool down.

To clean the unit, use a soft cloth to wipe off any dust.

If you do not plan to use the fan for extended periods of time, it is recommended that it is cleaned and stored (preferably in its original packaging) in a cool, dry place.

Refer all repair needs to a qualified service technician.

For any after sales requirements please refer to enclosed warranty card or contact the Ventair support team.



Do not dispose of electrical products with household waste. Please check with your local council for advice on disposal or recycling. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

Ventair Pty Ltd

4 Capital Pl, Carrum Downs, VIC 3201

Email: support@ventair.com.au

Phone: (03) 9775 0556

ITEM	WARRANTY PERIOD	IN-HOME WARRANTY
MOTOR	5 years	YES - 2 Years
LED	2 years	N/A