

# AIRBUS

## EXHAUST SOLUTION

### Instruction Manual



For easy installation

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

Instruction Manual - Revision 2.0

#### **Models (Including all fascia options):**

PVPX200R, PVPXHF200RDR, PVPXHF200SQR, PVPXHF200RDLEDR, PVPXHF200SQLEDR  
PVPX250R, PVPXHF250RDR, PVPXHF250SQR, PVPXHF250RDLEDR, PVPXHF250SQLEDR  
PVPXHF300RDR, PVPXHF300SQR

#### **CAUTION**



**WARNING**

Read instructions carefully for safe installation and fan operation.

#### **CONTENTS:**

- Installation Precautions
- Specifications & Dimensions
- Installation
- Installing a LED fascia
- Fascia Options
- Maintenance
- Cleaning and Storage

## 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

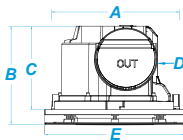


When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electrical shock and personal injury.

## TECHNICAL DATA

|                                           |                         |                                           |                      |
|-------------------------------------------|-------------------------|-------------------------------------------|----------------------|
| <b>Motor Size</b>                         | 200                     | 250                                       | 300                  |
| <b>Rated Voltage</b>                      | 220 - 240V~ 50Hz        | 220 - 240V~ 50Hz                          | 220 - 240V~ 50Hz     |
| <b>Motor Power (W)</b>                    | 30W                     | 50W                                       | 106W                 |
| <b>Noise (dB)</b>                         | 38dB(A)                 | 42dB(A)                                   | 46dB(A)              |
| <b>Duct Size</b>                          | 100 Diameter            | 150 Diameter                              | 150 Diameter         |
| <b>Air Delivery</b>                       | 175m <sup>3</sup> /h    | 378m <sup>3</sup> /h                      | 550m <sup>3</sup> /h |
| <b>LED Power</b>                          | 10w                     | 14w                                       | 14w                  |
| <b>LED Colour Temp.</b>                   | 3,000K / 4200K / 6,500K |                                           |                      |
| <b>Cut Out Size</b>                       | Ø240mm                  | Ø300mm                                    | Ø300mm               |
| <b>Min Install Depth</b>                  | 220mm                   | 220mm                                     | 220mm                |
| <b>LUMENS</b>                             |                         |                                           |                      |
| <b>10w</b> - 1050 (rd) 1200 (sq) lm (avg) |                         | <b>14w</b> - 1440 (rd) 1600 (sq) lm (avg) |                      |

## DIMENSIONS



| MODEL      | A     | B     | C     | D     | E<br><small>*Fascia width.</small> |
|------------|-------|-------|-------|-------|------------------------------------|
| Airbus 200 | 238mm | 194mm | 167mm | 100mm | 268mm                              |
| Airbus 250 | 300mm | 231mm | 196mm | 150mm | 328mm                              |
| Airbus 300 | 300mm | 231mm | 196mm | 150mm | 328mm                              |



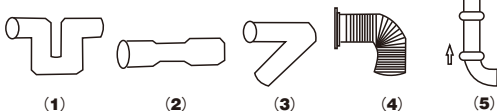
## IMPORTANT

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

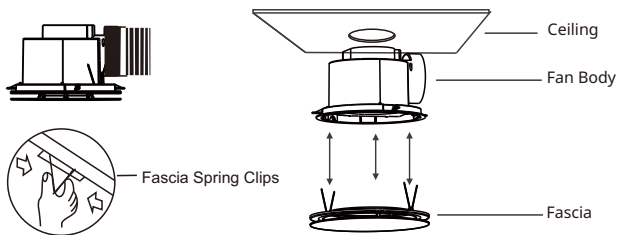


### WARNING

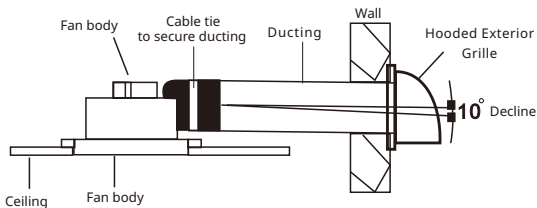
BEFORE INSTALLING THE FAN, MAKE SURE THE POWER IS OFF AT THE MAIN ELECTRICITY SUPPLY.  
DO NOT TURN IT BACK ON UNTIL THE FAN IS FULLY INSTALLED AND READY TO USE.

**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.
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.



## INSTALLING LED FASCIA

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



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.

### FASICA OPTIONS:

Upgrade your fan's look in seconds! Choose from a variety of fascia options, including round or square, black or white, and with or without a light. See page 6 for details.

## FASCIA OPTIONS

**200 Motor (NO LIGHT):** ABGHF200BLRDR, ABGHF200BLSQR, ABGHF200WHRDR, ABGHF200WHSQR

**200 Motor (WITH LIGHT):** ABGHFLED200BLRDR, ABGHFLED200BLSQR, ABGHFLED200WHRDR, ABGHFLED200WHSQR

**250 Motor (NO LIGHT):** ABGHF250BLRDR, ABGHF250BLSQR, ABGHF250WHRDR, ABGHF250WHSQR

**250 Motor (WITH LIGHT):** ABGHFLED250BLRDR, ABGHFLED250BLSQR, ABGHFLED250WHRDR, ABGHFLED250WHSQR

## 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.

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