

INSTALLATION, USE AND CARE INSTRUCTIONS



OLSON 250 LED EXHAUST FAN

MODEL: OLS250RD-LED



BEFORE OPERATING THIS PRODUCT, READ AND FOLLOW THESE INSTRUCTIONS.

Save these instructions for future reference

Included in the box:

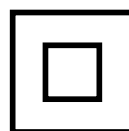
Main body with fascia	1 piece
Spigot	1 piece
Installation instructions and cut-out template	1 piece
Warranty card	1 piece

TECHNICAL SPECIFICATIONS

Input Voltage: 220-240V~ 50Hz
Motor Power: 60W
Down Light: 10W Tri-Colour LED
(WW: 3000K, NW: 4000K, CW: 5000K)
Lumens: 980 lm (avg)
IP Rating: IPX4
Climatic Class: T
Air Delivery: 310 m³/h
Cut Out Size: Ø295 mm
Duct Size: 150 mm
Noise Level: 43dB(A)
Minimum Install Depth: 220 mm



NOT FOR DIY
PROFESSIONAL INSTALLATION REQUIRED



Class II



DO-NOT-COVER

**Do not cover or install
flush against building materials**

Dear customers, Thank you for selecting this VENTAIR Ceiling Exhaust Fan. Please read all instructions carefully before use.

IMPORTANT: This fan must be installed by a licensed electrician to comply with AS/NZS 3000:2018.

CONSIDERATIONS: For effective operation, replacement air must enter the room (e.g., via a 20mm door gap). Avoid opening windows during use. Install only in flat ceilings. Check ceiling space for obstructions and wiring before cutting.

WARNING

1. Use only as recommended in this manual.
2. **Licensed Electrician only:** All wiring must comply with national/local codes.
3. Ensure power is off at the mains before installation or maintenance.
4. Do not damage hidden electrical wiring or utilities when cutting.
5. **Class II (Double Insulated):** This appliance does not require an earth connection. During installation, any existing supply earth wire must be safely isolated and terminated into an approved terminal block or connector.
6. **Cabling:** Supply cabling must be rated for a minimum 10A load and be no lighter than ordinary duty.
7. **Gas Safety:** Precautions must be taken to avoid the back-flow of gases into the room from open flues of gas or other fuel-burning appliances.
8. **Cooking:** Do not install directly above or within 2m of a cooking appliance.
9. Means for disconnection must be incorporated in the fixed wiring in accordance with wiring rules (all-pole switch with 3mm contact separation).
10. **Supervision:** Not intended for use by persons (including children) with reduced physical or mental capabilities unless supervised. Children must not play with the appliance.
11. Do not touch the unit or switches with wet hands.
12. Do not cover with insulation or other materials.
13. **Zone Safety:** Install in accordance with AS/NZS 3000:2018 Clause 6.2 (IPX4 rating). Do not install where subject to direct water spray or leakage.
14. Always use a power source of the same voltage and frequency as indicated on the product label.

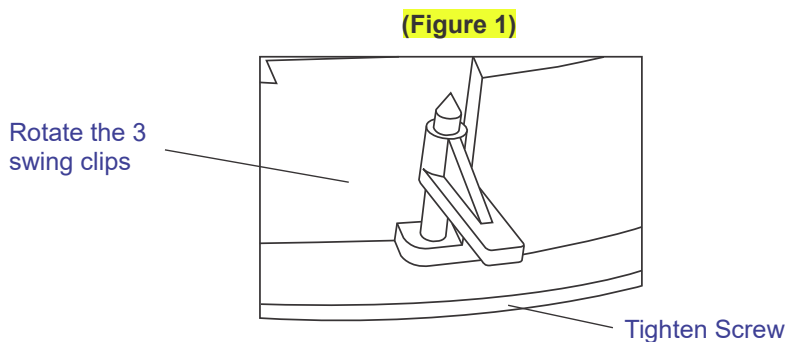
INSTALLATION

1) Cutting a vent (if required)

For installation where external venting is required, locate a suitable location in the exterior wall to vent out the exhaust fan air/steam and cut out a 155mm hole.

2) Ceiling Thickness

For ceilings 13mm thick or less, secure the fan by pushing in the three swing clips and tightening screws (Figure 1). For thicker ceilings, remove the swing clips and use wood screws (not supplied) through the three holes in the outer lip to secure.



3) Ducting

Put one end of a 150 mm diameter duct (not supplied) into the vent cut out and fill the space around the hole using a suitable sealant where necessary (not supplied) (Figure 3).

4) Location

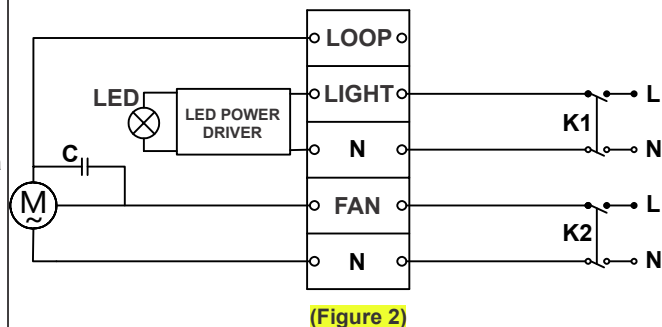
For the fan to work efficiently, there should be a minimum height of 2.1m from the fascia to the ground.

5) Preparing the Ceiling

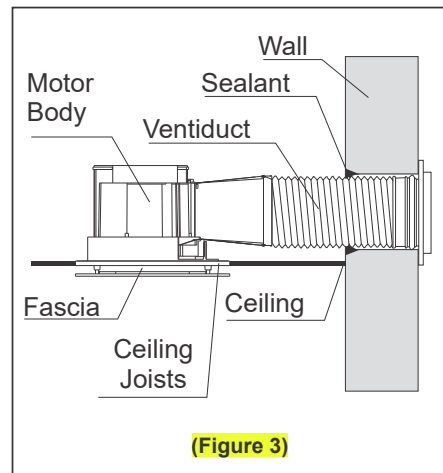
Use the template provided to mark the hole in the ceiling. Mark the centre point of the hole at least 350mm away from any walls or joists to ensure the swing clips have room to rotate. Check the vertical headroom is at least 220mm (refer to figure 4).

6) Wiring

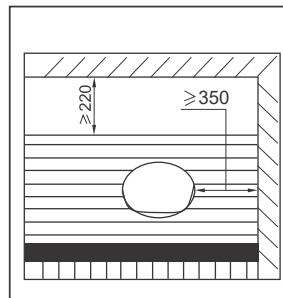
Switch OFF the power. Connect the supply Active (L) and Neutral (N) wires to the internal terminal block. Do not connect an Earth wire. Safely terminate the supply earth wire into a spare terminal or isolated connector (refer to figure 2).



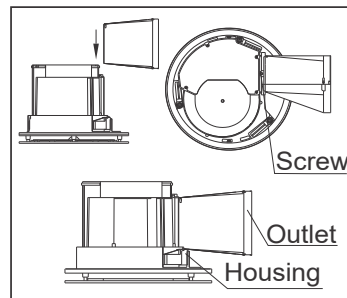
(Figure 2)



(Figure 3)



(Figure 4)



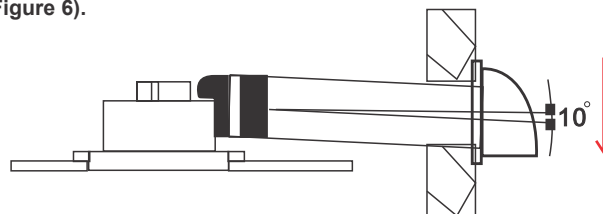
(Figure 5)

7) Mounting the Fan

First, orient the fan housing so the outlet aligns with the in-house ducting. Once aligned, insert the outlet into the duct. Next, use a screwdriver to remove the screw located near the fan's outlet. Slide the outlet into the body slot, then tighten the screw to secure the outlet and body together (Figure 5).

Finally, insert the entire unit into the ceiling opening. Once the fan assembly is in position, rotate the swing clips to lock the fan body securely in place (Figure 9).

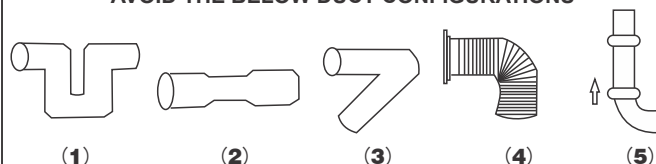
When installing the fan in a bathroom, the duct should decline downwards about 10 degrees to aid condensation removal (Figure 6).



(Figure 6)

NOTE: To ensure maximum possible airflow and performance, flexible ducting should be fully expanded with no unnecessary bends or vertical runs. Figure 7 illustrates examples of poor duct layout.

AVOID THE BELOW DUCT CONFIGURATIONS



(Figure 7)

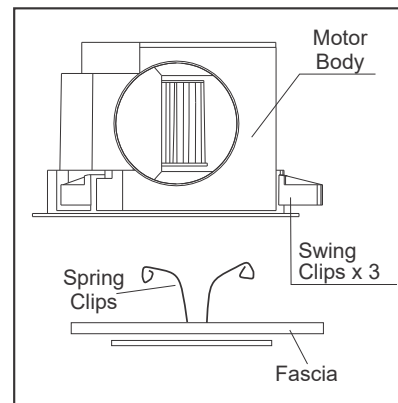
8) Mounting the unit in the ceiling

- After inserting the fan assembly into the ceiling, rotate the swing clips to hold fan body in place (Figure 9), then tighten the screws so the clips securely mount the unit to the ceiling board (Figure 10).

9) Attach the fascia

Select your desired colour temperature (WW, NW, or CW) using the CCT switch on the back of the fascia (Figure 11).

Plug the LED light cable from the fascia into the motor body connector/driver before securing the fascia with the spring clips. To attach the fascia, squeeze each of its two spring clips together and insert them into the corresponding slots on the motor body (Figure 8).



(Figure 8)

OPERATION

- 1) Use the on/off switch to start or stop the unit.
- 2) Running the fan can exhaust odours and steam in a quick and efficient way.

IMPORTANT

- In the event of an electrical issue, immediately shut the power off at the main switchboard and contact a local, licensed electrician for inspection and any necessary service work.
- To prevent personal injury and avoid damaging the unit, never insert fingers or any objects into the fan.
- Do not install the unit in areas with severe water leakage.

MAINTENANCE

- Shut power off before cleaning or maintenance.
- Wipe fascia with care using a soft, damp cloth (soapy water may be used).
- Reattach fascia only when completely dry.

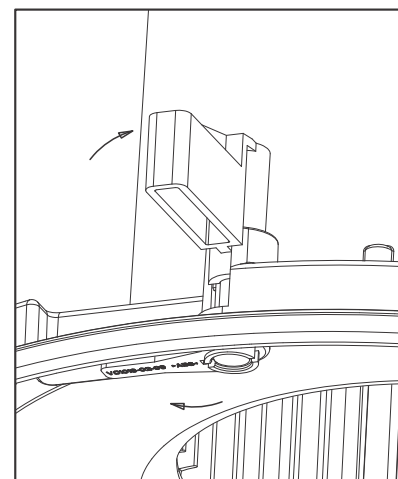
WARRANTY INFORMATION

Warranty Period: 3 year replacement warranty.

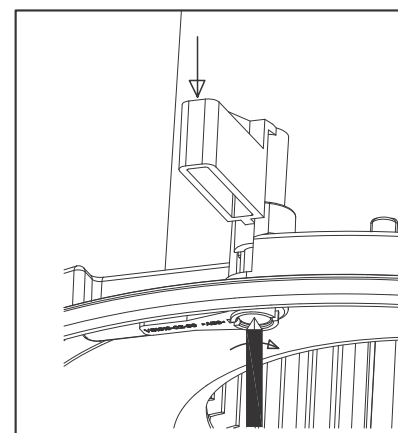
In-home (labour): N/A

Lodging a Warranty Claim: All warranty claims are lodged online by visiting <https://ventair.com.au/warranty/warranty/>

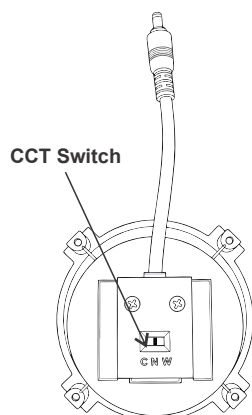
Warranty terms and conditions apply. Refer to the enclosed warranty card for additional information.



(Figure 9)



(Figure 10)



(Figure 11)



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 PLACE
CARRUM DOWNS VIC 3201
PH: 03 9775 0556
EMAIL: support@ventair.com.au
WEBSITE: www.ventair.com.au