



AUPU Bathroom Fan with Heater
Q360T5–Air–ML

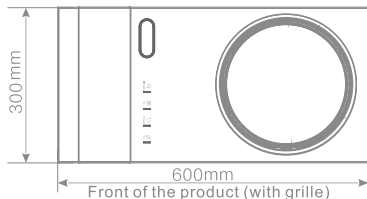
—— AUPU Electrical Appliance ——
· Installation and user Manual ·

· Preface ·

Dear users:

Thank you for choosing AUPU products. We believe your choice will bring you a pleasant life experience. Please read this instruction manual carefully before installation and operating to avoid danger or unnecessary damages.

· Product Dimension ·



Product side view

· Packing List ·

Fan unit	Installation & User Manual	Ventilation pipe	Clamp	Switch	Damper	Accessory
× 1	× 1	× 1	× 1	× 1	× 1	× 1

■ External Connected lighting power $\leq 20W$.
External connected lighting must be LED.

· Instructions ·

I . Remote control pairing

The product fan unit and remote control are paired before selling. If you need to pair again, please connect the product fan unit and remote control to the power supply. When you hear the "beep -beep - beep" sound, press the "Standby" key for more than 3 seconds within 10 seconds. If you hear the product "beep" 3 times quickly, it means the pairing is successful. If the pairing fails, repeat the above steps.

Note: The code can be paired within 10 seconds after power-on, otherwise it cannot be paired after 10 seconds.

II. Function and use

1.AI heating

Press "AI heating" to turn on / off the AI heating function; the default working time is 90 minutes, and you can adjust the set temperature by pressing the "<", ">" buttons.

2. Fan

Press "Fan" to turn on / off the fan function; the default working time is 30 minutes, and you can adjust the air flow level by pressing the "<" and ">" buttons.

3. Exhaust

Press "Exhaust" to turn on / off the Exhaust function; press the "<" and ">" buttons to adjust the air flow level, from level 1 to level 5, and the timer from level 1 to level 5 are 8 hours, 5 hours, 3 hours, 1 hour, and 0.5 hours respectively.

4. CT Dry (Constant AI Drying)

Press "CT Dry" to turn on / off the constant AI drying function; the default working time is 120 minutes.

5. Dry

Press "Dry" to turn on / off the dry function; the default working time is 120 minutes.

6. Deodor Ster (Deodorization and Sterilization)

Press "Deodor Ster(NBSS+2.0)" to turn on / off the NBSS+2.0 function. The default working time is 60 minutes.

7. Light

Press "Light" to turn on / off the lighting function; this product has three-color light (warm light, neutral light, cold light) and can be switched. Within 5 seconds after turning on the lighting, press the "Light" button twice (Note: do not press the button too quickly).

8. N. Light (Night light)

Press "N. Light" to turn on / off the night light function; you can also tap the remote control full screen to turn on / off the night light function.

9. EX light (External connected light)

Press "EX Light" to turn on / off the EX Light function; this product has reserved power supply terminals for other bathroom lights (the maximum power of other lights does not exceed 20W). When this product is connected to other lights, the "EX Light" button can be used to turn on / off the external light. If no external light is connected, this function will be invalid.

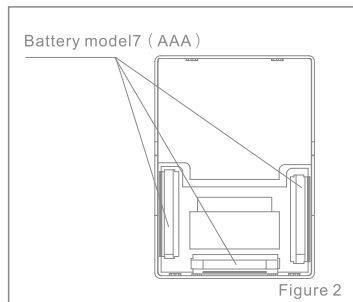
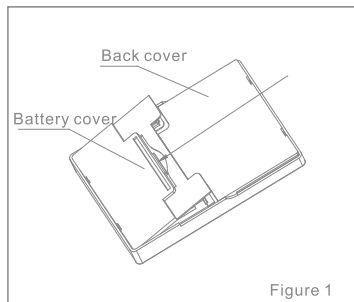
10. Standby

Press "Standby" to turn off all functions except "Light", "N. Light" and "EX Light".

Note: ① When the CT Dry mode and AI Heating mode are turned off or adjusted to other modes, in order to extend the service life of the product, they will be turned off or adjusted to other modes after 30 seconds of automatic blowing.

III. Battery replacement

1. Slide the remote control upwards from the base;
2. Open the battery cover on the back cover of the remote control (Figure 1);
3. Take out the old battery and replace it with a new one (Figure 2);
4. Replace the battery cover and insert the remote control into the dock.



· Safety precautions ·



Notice

- During use, do not touch the surface of the bathroom fan with heater to avoid burns caused by high temperature;
- If any abnormality is found during use, the power supply should be disconnected immediately and the local agent or authorized maintenance service of AUPU should be notified to handle the problem;
- Please do not turn the switch on and off frequently during use, and disconnect the main power supply when not in use for a long time;
- The elderly, children and people with limited mobility should use this product under the supervision and guidance of their family members;
- Do not use gasoline or corrosive chemicals to clean machine parts, and do not use hot water above 60°C to wash plastic parts;
- The appliance is not to be used 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;
- Children being supervised not to play with the appliance;
- Ensure that the fan is switched off from the supply mains before removing the guard;
- If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent;
- The heater is to be installed so that switches and other controls cannot be touched by a person in the bath or shower.

· Common troubleshooting methods ·

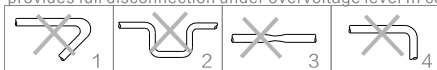
Fault	Solutions
The light is off	① Turn on the power; ② Repair the circuit (professional electrician); ③ Replace the controller; ④ Replace the lighting components.
Motor does not rotate	① Turn on the power; ② Replace the motor.
The motor is noisy	① Tighten the screws; ② Replace the blower; ③ Replace the motor; ④ Repair the circuit (professional electrician).
The fan unit displays "E1"	① Replace the temperature sensor.
The fan unit displays "E2"	① Replace the display panel; ② Replace the display panel connecting cable.

· Installation safety precautions ·



Notice

- Keep the product at least 250mm from the wall;
- The warm air outlet of this product should be installed as far away from combustible materials such as curtains and electrical products as possible to avoid danger; the switch of this product should be installed away from the bathtub and shower room where it can be directly touched;
- This product can only be installed on horizontal surface;
- The damper is fixed on the wall. Please keep the "Upwards" mark facing upwards, otherwise it will lose its function. For users on the second floor and above, the damper should be fixed on the ventilation hole from the inside to the outside;
- Since the length of the ventilation pipe is 1.5m, the distance from the center of the product installation position to the ventilation hole should be considered to be within 1.5m when opening the ventilation hole, otherwise, you need to purchase a separate ventilation pipe from the dealer;
- The ventilation pipe should not be connected to the same flue as the exhaust of the gas water heater to prevent dangerous gases from seeping into the bathroom. The direction of the ventilation pipe should be kept as smooth as possible;
- The ventilation pipe should be as long as needed to avoid increasing noise and affecting the exhaust effect; the direction of the ventilation pipe should be kept as straight as possible, and please do not make the bends shown in the illustration;
- Installation and wiring must be completed by professionals;
- The fan unit power cable must be able to withstand a load of more than 16A;
- The fixed wiring connected to the appliance must be equipped with a full-pole disconnect device in accordance with the wiring rules, the contact spacing of which provides full disconnection under overvoltage level III conditions;



- Keep the power cable away from the box;
- The product should be grounded reliably;
- It must be connected to a fixed wire clamp, the cable must be placed in a suitable wiring trough, and the cable diameter must be 1.5mm² and above.
- This product must not be installed in places with severe water seepage;
- This product must not be installed under power socket.



Prohibition

• Installation •

1. Preparation before installation

1. Determine the product installation location

To achieve the best heating and ventilation effects, the product should be installed on the ceiling above the bathtub or shower area. The warm air outlet should avoid the bathing position to prevent the warm air from blowing directly onto the human body. After installation, the grille should be at least 2.3m from the ground. The height of the suspended ceiling space: for integrated suspended ceiling, shall not be less than 130mm, for ordinary suspended ceiling, shall not be less than 150mm.

Suspended ceiling height measurement method:

Integrated ceiling: the distance from the upper surface of the triangular keel to the top of the cement.

Ordinary (plaster /PVC, etc.) suspended ceiling: the distance from the upper surface of the suspended ceiling material to the cement top.

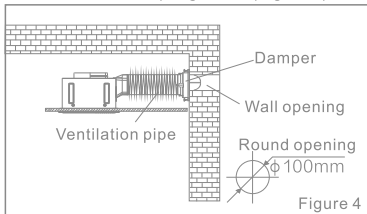
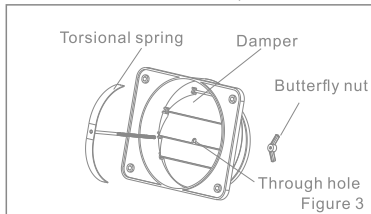
2. Open ventilation holes

Determine the location of the ventilation hole on the wall (the center of the ventilation hole should be 70mm higher than the upper surface of the keel or the inner surface of the plasterboard), and open a circular hole with a diameter of about 100 mm at this location.

3. Ventilation damper installation instructions

After the vent holes are drilled, please refer to the following method to install the damper:

Take out the torsion spring and butterfly nut provided with the damper, pass the torsion spring through the through hole in the center of the damper as shown in the direction of Figure 3, screw the butterfly nut on the other end of the torsion spring (Figure 3), then extend one end of the torsion spring into the hole in the wall, make sure that the torsion spring is firmly stuck in the hole in the wall, then rotate the butterfly nut and adjust it to ensure that the damper body is close to the wall surface and will not fall off, then fix the damper to the wall with screws (Figure 4), then put the 100mm diameter ventilation pipe into the round hole of the damper and insert the steel wire into the damper groove. (Figure 5)



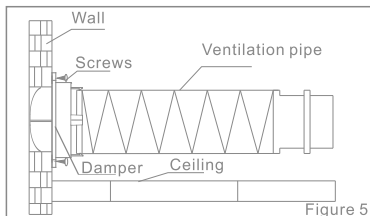


Figure 5

4. Disassembly of ventilation outlet and terminal

First take the fan unit out of the packaging box, unscrew the screws of the ventilation outlet with a Phillips screwdriver, and remove the ventilation outlet (Figure 6); then use a Phillips screwdriver to unscrew the screws on the terminal cover and remove the terminal cover. (Figure 7)

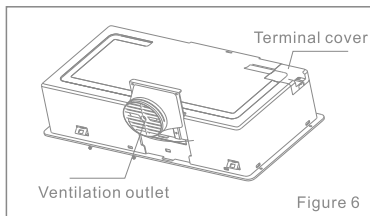


Figure 6

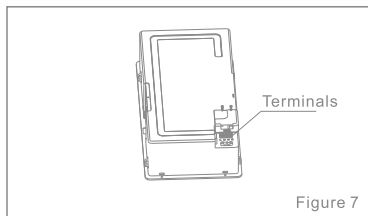


Figure 7

II. Install the fan unit

A. Dropped/Grid Ceiling Installation Method(Applicable for 300*300mm, 300*600mm integrated ceiling)

1. Install ceiling and tiles

Lay the keel horizontally (the net height of the vacancy above suspended ceiling is not less than 130mm), install the tiles, and temporarily do not install the tiles near the electrical installation. (Figure 8)

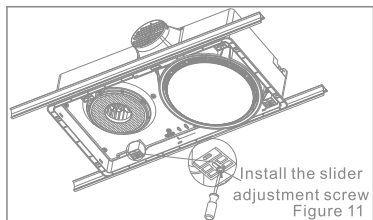
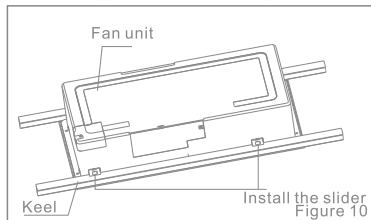
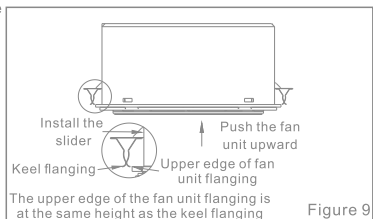
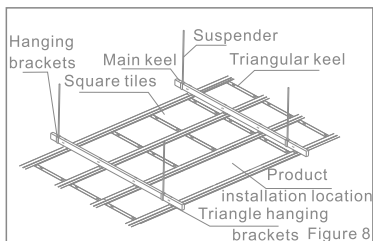
2. Power connection

First pull the fan unit cable out from above the ceiling, remove the terminal cover, and connect the power cable according to the wiring diagram (Figure 20). If there are other external lighting, connect the external lighting circuit according to the wiring diagram (Figure 20), secure the cable and fix the terminal cover.

3. Install the fan unit and connect the air duct

Push the fan unit upwards from between the two keels. The four installation sliders will shrink inwards when squeezed until the installation sliders are completely moved to the upper surface of the keel, and the support surface of the installation sliders is completely in contact with the upper surface of the keel (Figure 9, 10). Adjust the screws of the four installation sliders so that the upper edge of the fan unit flange and the keel flange are at the same height (Figure 11).

Install the ventilation outlet (the deep L-shaped foot needs to be cut off when installing the ventilation outlet). Extend the ventilation duct to one end of the room, put it on the ventilation outlet, and tighten it with a clamp (turn the screw on the clamp clockwise).



4. Install the grille

After aligning the grille with the fan body, plug in the display cable connector on the grille (Figure 12), snap the buckle end of the grille into the fan body (Figure 13), compress the spring and snap it into the spring slot of the fan body, gently push the grille so that the buckle on the grille snaps into the fan body, and then observe whether the grille is snapped in place (Figure 14). After confirming that the grille is in place, buckle the tiles near the fan unit.

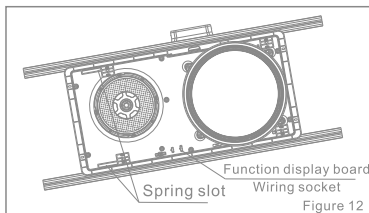


Figure 12

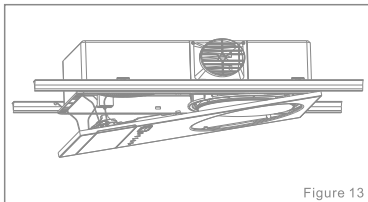


Figure 13

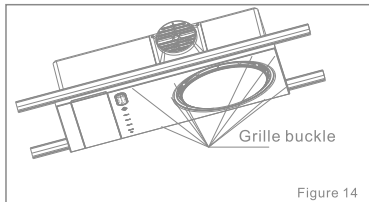


Figure 14

B. Drywall Ceiling Installation Method (Applicable for long tiles, plastic tiles, plasterboards)

1. Cut installation hole on the fan unit

Cut a rectangular hole of 275×565mm at a suitable position of the suspended ceiling, and a fixed frame is laid with wooden blocks with a cross-sectional area of 30×30mm. The inner block spacing is 275×565mm. The net height of the suspended ceiling space should be ≥150mm. In order to adapt to the installation of the ventilation outlet, the height of the wooden blocks next to the ventilation outlet is 20~25mm (Figure 15).

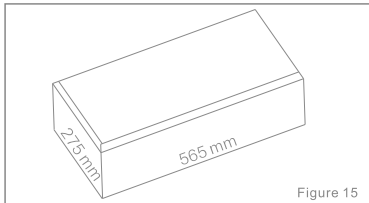


Figure 15

2. Install the Ventilation outlet

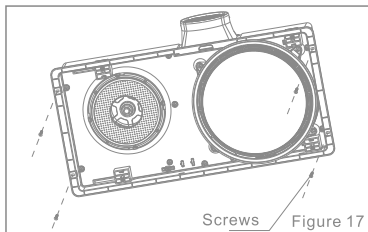
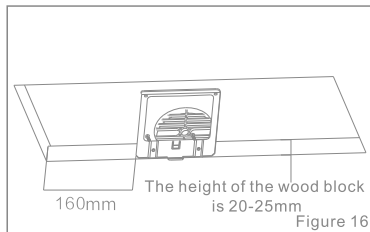
Extend the ventilation duct to one end of the room, put it on the ventilation outlet, and tighten the duct with a clamp; then, as shown in (Figure 16), fix the ventilation outlet to the wooden block with two 4 × 20mm self-tapping screws.

3. Power connection

First pull the fan unit cable out from above the ceiling, remove the terminal cover, and connect the power cable according to the wiring diagram (Figure 20). If there are other external lighting, connect the external lighting circuit according to the wiring diagram (Figure 20), press the cable and fix the terminal cover.

4. Unit body fixing

Align the slot on the side of the fan body with the ventilation outlet, push the fan body into the square hole of the ceiling, and fix the fan body to the wooden block of the ceiling with four 4 × 20mm wood screws (Figure 17).



5. Install the grille

After aligning the grille with the fan body, plug in the display connection cable on the grille (Figure 12), snap the buckle end of the grille into the fan body (Figure 13), compress the spring and snap it into the spring slot of the fan body, gently push the grille to make the buckle on the grille snap into the fan body, and then observe whether the grille is locked (Figure 14).

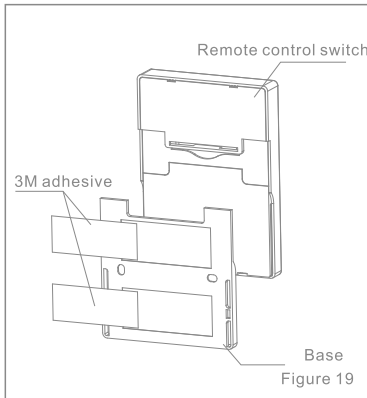
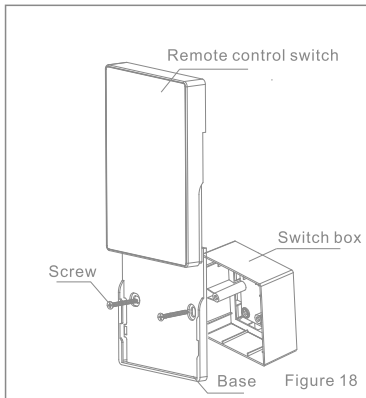
III. Fix the remote control

1. Remote control installation

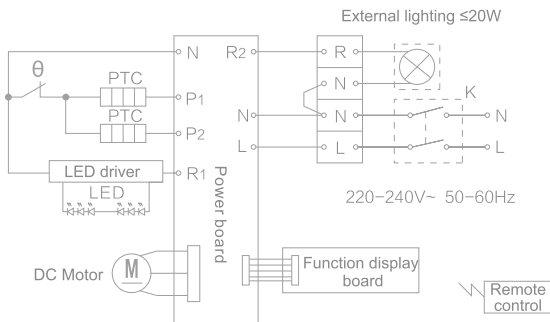
Note: Before installing the remote control, be sure to test the signal reception effect at the pre-installation position. If the signal cannot be received normally at this position, please choose another installation position for the remote control or remove the remote control from the base when using it and operate it close to the bathroom fan with heater.

① Installation method 1: Use screws to fix the base of the remote control to the switch box (Figure 18), Insert the remote control into the base, turn on the power of the main unit, and confirm that all functions of the product are normal.

② Installation method 2: Paste the 3M adhesive backing into the groove on the back of the base, select a suitable installation location, and paste the base to the wall (please ensure that the pasting location is clean and dry before installation, otherwise it will affect the pasting effect), insert the remote control into the base, turn on the host power, and confirm that all functions of the product are normal (Figure 19).

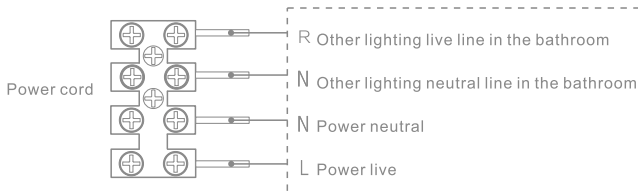


• Installation wiring diagram •



K: Circuit breaker P1P2:PTC heater R1: Lighting R2: External lighting θ: Heat protector

Host terminal wiring diagram



※ Please connect the wires strictly according to the diagram. Incorrect wiring may cause the product to malfunction or even be damaged.

Figure 20

· Maintenance ·

1. The power supply must be disconnected before cleaning;
2. When cleaning, gently wipe the surface of the mask with a soft cloth soaked with neutral detergent;
3. All electrical components must not come into contact with water.

· Service ·

I . Warranty

Warranty period: This product is guaranteed for three years.

Within three years from the date of purchase, AUPU is responsible for repairing or replacing any spare parts with quality problems.

1. Warranty coverage:

- a. Strictly follow the requirements of the instructions, and there are problems in the installation and correct use of the whole machine;
- b. Problems arising during maintenance and installation by our company or designated professionals.

2. Non-warranty coverage:

- a. Damage caused by non-installation, use or maintenance in accordance with the requirements of the instructions;
- b. Damage caused by not correct wiring according to the wiring diagram;
- c. Damage caused by parts maintenance by non-designated professionals;
- d. Damage caused by force majeure factors.

II . After-sales service

If you have any questions and require consultation or service, please contact the local agent or special maintenance point of AUPU.

For any problems within or outside the warranty period, AUPU will try its best to serve you based on the principle of "customer first".

All illustrations and information in the instructions are for reference only. In order to make the products better adapt to customers, our company will constantly improve and innovate. If the products are adjusted, please refer to the actual product.

· Name and Content of Hazardous Substances in the Product ·

Name	Hazardous Substances					
	(Pb)	(Hg)	(Cd)	(Cr (VI))	(PBB)	(PBDE)
External Parts	○	○	○	○	○	○
Internal parts	○	○	○	○	○	○
Electrical Components	×	○	○	○	○	○
Accessory Parts (switch/battery, etc)	×	○	○	○	○	○

This chart is prepared in accordance with Rohs.

○ : Indicates the content of the hazardous substance in all homogeneous materials of this component is below the limit requirements specified in Rohs.

× : Indicates the content of the hazardous substance in at least one homogeneous materials of this component exceeds the limit requirements specified in Rohs.



The “Environmental Protection Use Period” of this product is 10 years.

This period is determined by our company based on the product's design characteristics.

The “Environmental Protection Use Period” is valid only when the product is used under normal conditions as described in the user manual.

Recycling matters.

1. The products are designed and manufactured with high-quality materials and components, which can be recycled;
 2. Please be familiar with the local futures index, classification and collection mechanisms for electronic and electrical products;
 3. Please follow local rules and regulations and do not dispose of old products with general household garbage;
 4. Proper disposal of products helps to avoid potential negative effects on the environment and human health.
- ▲ The company reserves the right to modify the instructions for use without any notice.

AUPU Appliance Warranty Service Record Card

Name: _____

Tel: _____

Address: _____

Barcode: _____

Model: _____

Purchase Date: _____

Store of Purchase: _____

1.If defects occur within the warranty period, the product or defective components can be repaired or replaced free of charge with a valid purchase receipt.

Store Address: _____

2.If the product is out of the warranty period or beyond the warranty coverage, all repair costs, including material and on-site service fees, are the responsibility of the customer.
3.This product has a three-year warranty from the date of purchase.
4.This card is used solely for recording repair services.

Invoice Number: _____

AUPU Appliance Warranty Service Record Card

Name: _____

Tel: _____

Address: _____

Barcode: _____

Model: _____

Purchase Date: _____

Store of Purchase: _____

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4.This card is used solely for recording repair services.

Invoice Number: _____

Please read this manual carefully before attempting to use.

AUPU Intelligent Technology Corporation Limited.

Web: <https://aupu.global/> Email: support@aupu.net

V1.0