



# **FANMASTER**

**COOLING HEATING VENTILATION EXTRACTION**

## **INSTRUCTION MANUAL**



**OUBER<sup>®</sup>**

**PORTABLE EVAPORATIVE AIR COOLER**

**MODEL: PAC125-ADC**

**FOR INDUSTRIAL USE ONLY**

**2 YEAR WARRANTY**

**TO PREVENT SERIOUS INJURY, READ & UNDERSTAND ALL WARNINGS & INSTRUCTIONS BEFORE USE. PLEASE KEEP THIS DOCUMENT FOR YOUR RECORDS**

# FOR YOUR INFORMATION

Thank you for purchasing an Ouber by Fanmaster evaporative air cooler. Please read this instruction manual carefully before using this appliance.

**Disclaimer:**

Fanmaster reserves the right to make alterations to specifications, quantities, dimensions, for production or other reasons, subsequent to publication.

While we believe the information is accurate and complete, we make no warranty or representation for any particular purposes. The information is offered in good faith and with the understanding that any use of the units or accessories in breach of the directions and warnings in this document is at the sole discretion and risk of the user

**Disposal Guidelines:**

Do not dispose of this product with general household waste. This product must be disposed according to the laws governing Waste Electrical and Electronic Equipment. If required, contact your local authorities for information regarding the available disposal facilities.



# 1. GENERAL SAFETY RULES & WARNINGS



- PLEASE READ INSTRUCTIONS CAREFULLY.
- PLACE INSTRUCTION MANUAL IN A SAFE PLACE FOR FUTURE REFERENCE. DO NOT ALLOW ANYONE WHO HAS NOT READ THESE INSTRUCTIONS TO ASSEMBLE, ADJUST OR OPERATE THIS APPLIANCE.
- IF THE INFORMATION IN THIS MANUAL IS NOT FOLLOWED EXACTLY, A FIRE OR EXPLOSION MAY RESULT IN CAUSING PROPERTY DAMAGE, SERIOUS INJURY OR LOSS OF LIFE.
- FAILURE TO COMPLY WITH THE PRECAUTIONS AND INSTRUCTIONS PROVIDED WITH THIS APPLIANCE, CAN RESULT IN DEATH, SERIOUS INJURY AND PROPERTY LOSS OR DAMAGE FROM HAZARDS OF FIRE, EXPLOSION, BURN, AND/OR ELECTRICAL SHOCK.
- ONLY PERSONS WHO CAN UNDERSTAND AND FOLLOW THE INSTRUCTIONS SHOULD USE OR SERVICE THIS APPLIANCE. IF YOU NEED ASSISTANCE OR REQUIRE INFORMATION SUCH AS AN INSTRUCTION MANUAL, LABELS, ETC. CONTACT FANMASTER.
- DO NOT ATTEMPT TO MAKE ANY MODIFICATIONS TO OR REPAIR THIS APPLIANCE BY YOURSELF.
- DO NOT STORE OR USE GASOLINE, PETROL OR ANY OTHER FLAMMABLE OR COMBUSTIBLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS APPLIANCE.
- THE ELECTRICAL SYSTEM TO WHICH THE APPLIANCE IS CONNECTED MUST COMPLY WITH LOCAL REGULATIONS. A RESIDUAL-CURRENT DEVICE (RCD) MUST BE INSTALLED.
- UNPLUG THE APPLIANCE BEFORE PERFORMING ANY MAINTENANCE OPERATIONS.
- ALWAYS CHECK THE POWER CABLE BEFORE USING THE APPLIANCE. IT MUST NOT BE BENT, TAUT, STRETCHED, CRUSHED OR ANY WAY DAMAGED.
- IF THE POWER CORD AND/OR PLUG IS DAMAGED, IT MUST BE REPLACED BY FANMASTER, A SERVICE AGENT OR A QUALIFIED PERSONS.
- DO NOT LEAVE THE APPLIANCE UNATTENDED WHEN IN USE.
- NEVER USE THE APPLIANCE WITH WET HANDS OR WHEN THE POWER CABLE IS WET.
- CHILDREN SHOULD BE SUPERVISED TO ENSURE THAT THEY DO NOT PLAY WITH THE APPLIANCE.
- THE APPLIANCE IS NOT INTENDED FOR USE BY PERSONS (INCLUDING CHILDREN) WITH REDUCED PHYSICAL, SENSORY OR MENTAL CAPABILITIES, OR LACK OF EXPERIENCE & KNOWLEDGE.
- DO NOT PUT UNNECESSARY OBJECTS INTO THE AIR OUTLET AS THIS WILL CAUSE DAMAGE TO THE FAN AND COULD LEAD TO INJURY.
- DO NOT CLIMB UP OR STACK OBJECTS ON THE APPLIANCE.
- DO NOT PLACE BURNING APPARATUS NEAR THE APPLIANCE AS IT MAY CAUSE CARBON MONOXIDE POISONING. PRECAUTIONS MUST BE TAKEN TO AVOID THE BACK FLOW OF GASES INTO THE OPEN FLUE OF GAS OR OTHER FUEL BURNING APPLIANCES.
- IF THIS APPLIANCE WILL NOT BE USED FOR A LONG PERIOD OF TIME, DRAIN THE WATER AND DRY OUT BY USING THE FAN ONLY FUNCTION TO COMPLETE DRY THE COOLING PADS.
- BORE OR HARD WATER IS NOT RECOMMENDED WITH THIS APPLIANCE.
- THIS APPLIANCE IS TO BE USED FOR INDOOR USE.
- DO NOT PLACE THE APPLIANCE CLOSE TO WALLS, CURTAINS AND OTHER MATERIAL AS IT WILL RESTRICT THE AIR INTAKE.

# 2. PRODUCT DESCRIPTION & SPECIFICATIONS

## PRODUCT DESCRIPTION

Industrial Portable Evaporative Air Cooler. Utilises the natural procoess of using evaporation to the cool the air. Uses a low wattage water pump to circulate water from the water tank on to three cooling pads, which in turn becomes very wet. The fan draws air from outside the unit through the damped pads. As it passes through the pads the air is cooled by evaporation. The PAC125-ADC uses a DC motor.

## SPECIFICATIONS

MODEL	PAC125-ADC
Air Flow (L/s)	1111
dBa	<61
Motor (K/W)	0.125
Voltage (V/Hz)	AC220-240V/50
Current (A)	0.78
Plug Connection	3 Pin 10A
Fan Speed	9
Cooling Area (m²)	up to 30
Tank Size (L)	40
Consumption (L/H)	3-8
Air Distance (m)	8
Motor IP	IP64
Machine IP	IPX4
Dimensions (mm)	580x375x1050
Pack Dimensions (mm)	590x390x1000
Weight (KG)	16.5

## DUST/RAIN COVER

PART NO: SP-PAC125-COVER



## SAFETY DEVICES

- Water Pump water shortage protection
- Water Pump over temperature protection

## ENVIRONMENT OF USE

1. Ambient temperature: 25°C~ 45°C.
2. The max relative humidity is ≤ 90% Below 1000 metres altitude.
3. Do not use hard, bore or dirty water
4. Pressure of water supply: 0.15~0.6MPa

### 3. GETTING TO KNOW YOUR APPLIANCE



#### PACKING LIST

DESCRIPTION	QTY
AIR COOLER	1
REMOTE CONTROL	1
INSTRUCTION MANUAL	1

### 3. GETTING TO KNOW YOUR APPLIANCE - CONT



**1.ON/OFF**

**2.AUTO mode/Natural mode**

**3.Cooling /Ventilation mode**

**4.Wind speed**

**5.Display**

**6.Key unlocked**


**7.Swing**

**8.Timing**


**9.Signal receiver**



#### Remote control



1. “” **ON/OFF**

2. “” **Light on/off**


3. “” **Auto mode/Natural mode**


4. “” **Cooling /Ventilation mode**


5. “” “” **Increase**

6. “” “” **Reduce**

7. “” **Wind speed**











8. “” **Swing**

9. “” **Reserve**

10. “” **Timing**

## 4. OPERATING INSTRUCTIONS

Remove the appliance from the carton. If the appliance is damaged, please contact Fanmaster or where you purchased the appliance from.

- Attach the wheels to the bottom of the water tank. Install the wheels with brakes on the same side.
- Position the appliance so it stands upright & is on a firm surface.
- Fill the tank with clean water (bore or hard water is not recommended) via the manual inlet on the front.
- Connect the plug to the relevant power source.
- The appliance will be in standby mode & will display the ambient temperature.
- Press the ON/OFF  button & hold for 2s to turn on or off, or press  on the remote control. The appliance will turn back onto the last setting.
- Press  to select cooling or ventilation mode.
  - 1) Cooling mode: the water pump will turn on and the fan indicator light will flash. The Wind Speed & Swing indicator lights will display based on previous settings. An alarm will sound for 10 seconds, then the fan will start (fan indicator light will rotate). *Water shortage* - the water pump will cutout after 30 seconds if it cannot detect anyway water in the tank and the water shortage indicator light will flicker and the alarm will sound. The alarm will go off every minute for 5 minutes. After adding water, the water shortage indicator light will turn off and the water pump will work in 30 seconds.
  - 2) Ventilation mode: Press , the cooling mode & water shortage indicator lights will be off, and the water pump will shutdown/
- To adjust the wind speed (fan), press  and every time you press it will increase the speed 1-2-3-4-5-6-7-8-9, then press to decrease 9-8-7-6-5-4-3-2-1 .
- To turn on the Swing function, press  (swings left to right).
- Press  to set auto shutdown or manual lock of the control panel. Set the timer to shutdown between 1 or 8 hours (0 means cancel auto shutdown), when the machine is running. The count down and temperature will display.
- Press  to lock/unlock the control panel.
-  Auto temperature adjust mode and natural mode; Press once to select natural mode, press twice to enter Auto Temperature, third touch will return to manual adjust mode.

# 5. CLEANING, MAINTENANCE & STORAGE

**PLEASE ENSURE THE APPLIANCE IS TURNED OFF & UNPLUGGED FROM THE POWER SOURCE BEFORE ANY MAINTENANCE OR SERVICE WORK**

Regular inspection and cleaning reduces the neccessity for maintenance operations and will keep your appliance in good working condition.

## RECOMMENDED SCHEDULE

TYPE	FREQUENCY
Changing the water	Weekly
Cleaning the Filters (white)	Monthly
Cleaning the Cooling Pads	Quarterly
Cleaning the Water Tank	Monthly

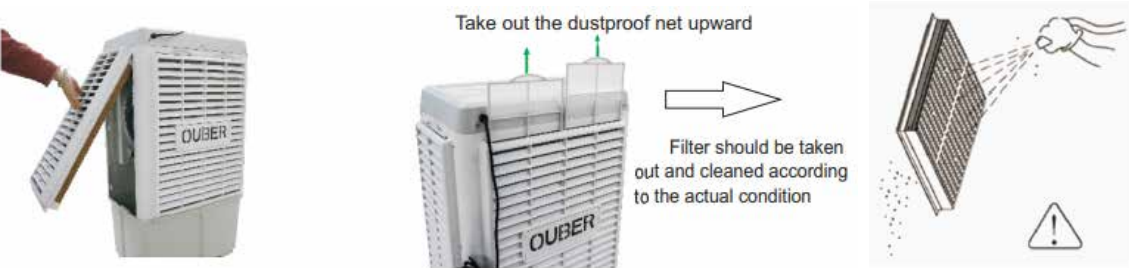
- *Please note dusty/dirty environments will need to be checked on a more regular basis.*
- *Bore or hard water is not recommended for this appliance.*

If the replacement of the power cord or plug is necessary, this has to be done by Fanmaster or agent or qualified persons as authorised by Fanmaster in order to avoid a safety hazard.

## CLEANING THE COOLING PADS & FILTERS

1. Use a screwdriver to unscrew the screws from the air inlet louvre
2. Pull out the filter for the air inlet louvre
3. Hold the cooling pad and/or the filter and wash it down with a hose.

**CAUTION:**  
**DO NOT USE a high pressure hose or appartus as it may cause damage to the cooling pads or filter.**  
**DO NOT USE detergents or soap to clean the cooling pads or filter.**



# 5. CLEANING, MAINTENANCE & STORAGE

## CLEANING THE WATER TANK

1. Open the water outlet valve (on the bottom of the appliance) to drain out all the water from the tank.
2. Remove the screws from the air inlet louver then remove louver.
3. Use a cloth or soft brush to wipe the inside of the tank.
4. Rinse the inside of the tank.
5. Use a cloth to dry the inside of the tank.

## CLEANING THE OUTSIDE OF THE APPLIANCE

1. Use a soft cloth to wipe down the appliance

### **CAUTION:**

**DO NOT USE detergents or solvent**

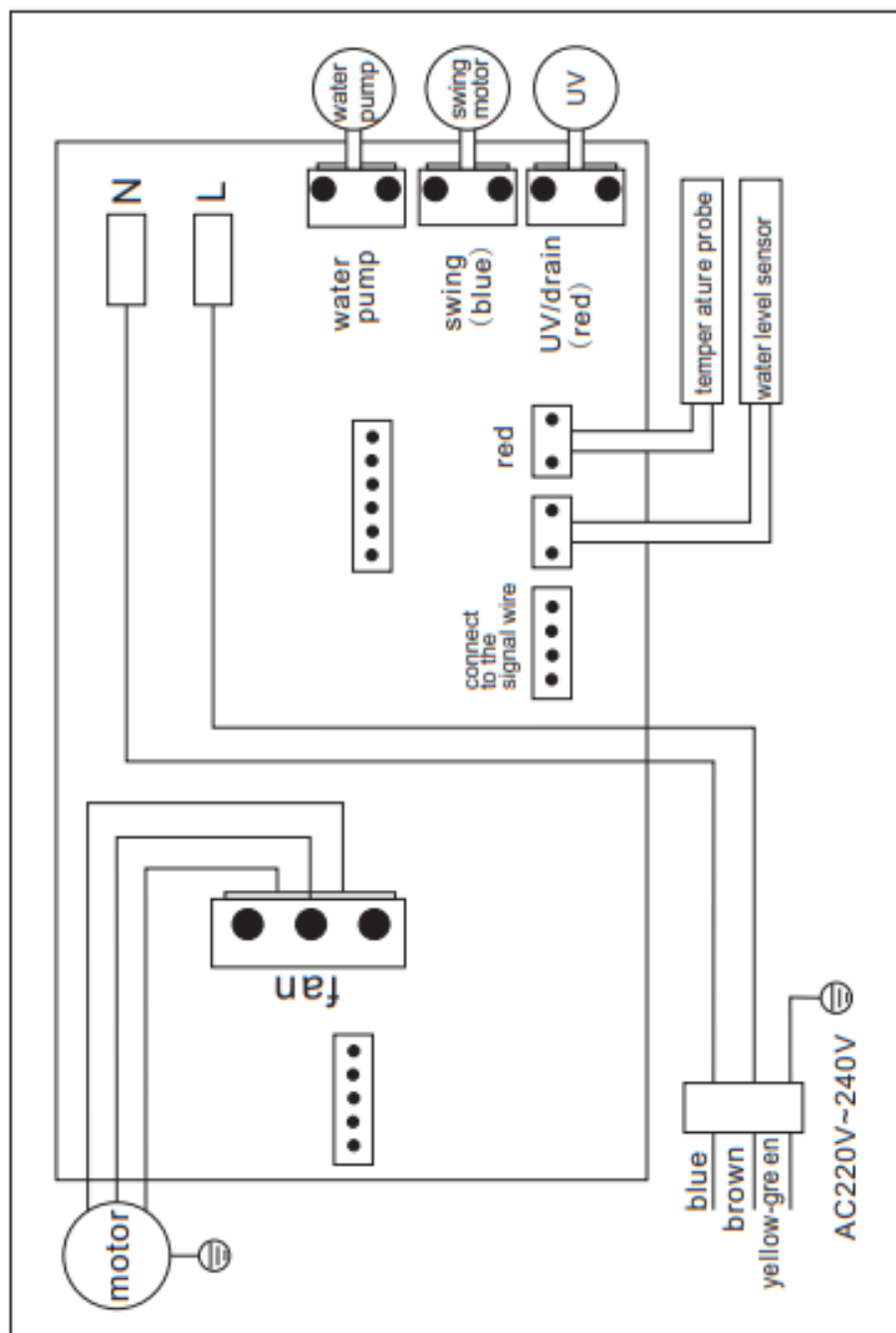
## STORAGE

- When not in use please store in a clean environment.
- Please ensure the water tank is completely drained.
- Please ensure the cooling pads and filters are completely dry. Run in Fan only for 10 minutes.

## 6. TROUBLESHOOTING - CONTINUED

ISSUE	CAUSES	SOLUTION
Unable to turn on	<ol style="list-style-type: none"> <li>1. No Power Connection</li> <li>2. Switch Failure</li> <li>3. Phase Failure</li> <li>4. Low voltage</li> </ol>	<ol style="list-style-type: none"> <li>1. Check power supply</li> <li>2. Replace switch</li> <li>3. Check phase</li> <li>4. Check voltage</li> </ol>
Excessive noise	<ol style="list-style-type: none"> <li>1. Fan blade dirty, deformed or damaged</li> <li>2. Motor wear</li> <li>3. Blockages the outlet</li> </ol>	<ol style="list-style-type: none"> <li>1. Change fan blade or adjust bracket</li> <li>2. Replace motor</li> <li>3. Remove objects</li> </ol>
Fuse burnt out	<ol style="list-style-type: none"> <li>1. Water pump damage</li> <li>2. Synchronous motor damage</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace water pump</li> <li>2. Replace synchronous motor</li> </ol>
Water leakage	<ol style="list-style-type: none"> <li>1. Machine leaning, not on level surface</li> <li>2. Leaking from the tank</li> <li>3. Drainage valve damage</li> <li>4. Water inlet damage</li> <li>5. Water level is too high</li> <li>6. Water distribution system is damaged</li> <li>7. Cooling pads are dirty</li> </ol>	<ol style="list-style-type: none"> <li>1. Move to level surface</li> <li>2. Repair or replace tank</li> <li>3. Replace drainage valve</li> <li>4. Replace the water inlet</li> <li>5. Adjust the float valve</li> <li>6. Check or replace</li> <li>7. Clean cooling pads</li> </ol>
No air supply	<ol style="list-style-type: none"> <li>1. Cooling pad or filter is blocked</li> <li>2. Control panel is damaged</li> <li>3. Mainboard is damaged</li> <li>4. Fan button doesn't work</li> <li>5. Motor phase</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean or replace</li> <li>2. Replace control panel</li> <li>3. Replace circuit board</li> <li>4. Check the motor</li> <li>5. Check the phase</li> </ol>
No cooling	<ol style="list-style-type: none"> <li>1. Shortage of water</li> <li>2. Water level system failure</li> <li>3. Water pumped damaged</li> <li>4. Cool button doesn't work</li> <li>5. Mainboard is damaged</li> </ol>	<ol style="list-style-type: none"> <li>1. Check water levels</li> <li>2. Replace water level sensor</li> <li>3. Replace water pump</li> <li>4. Replace control panel</li> <li>5. Replace circuit board</li> </ol>
Water tank & filter with precipitation	<ol style="list-style-type: none"> <li>1. High control mineral in water supplier</li> </ol>	<ol style="list-style-type: none"> <li>1. Increase drainage frequency</li> </ol>

## 7. WIRING DIAGRAM



## 8. WARRANTY

Any claim under this warranty must be made within 12 months of the date of purchase of the product. To make a claim under the warranty, take the product (with proof of purchase) to the store where you purchased the product or go to <https://www.fanmaster.com.au/support>.

This warranty is given by Fanmaster Pty Ltd  
ABN: 45 353 934 457  
Unit 1/6-8 Yalgar Rd, KIRRAWEE NSW 2232  
P: 1300 900 345  
E: [support@fanmaster.com.au](mailto:support@fanmaster.com.au)

This warranty is provided in addition to other rights and remedies you have under law: Our goods come with guarantees which cannot be excluded under the Australian Consumer Law. You are entitled to replacement or refund for a major failure and to compensation for other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Exclusions: This warranty does not cover:

- Any defects caused by an accident, misuse, abuse, improper installation or operation, lack of reasonable care, unauthorized modification, loss of parts, tampering or attempted repair by a person not authorized by the distributor.
- Any product that has not been installed, operated or maintained to a satisfactory level.
- Any damage caused by improper power input or improper cable connection.

## 9. WARRANTY VALIDATION

Register Your Product

### > **Warranty Management**

Validate your warranty, and receive notification 14 days prior to expiration.

### > **Warranty Extension Available**

Add extended warranty to give you peace of mind.

### > **Product Updates**

Latest news and updates on Fanmaster products.



**REGISTER**

[www.fanmaster.com.au/warranty-registration](http://www.fanmaster.com.au/warranty-registration)







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