



FANMASTER

COOLING HEATING VENTILATION EXTRACTION

INSTRUCTION MANUAL



OUBER[®]

PORTABLE EVAPORATIVE AIR COOLER

MODEL: PAC280-A

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.

SPECIFICATIONS

MODEL	PAC280-A
Air Flow (L/s)	2111
dBa	<63
Motor (K/W)	0.28
Voltage (V/Hz)	220-240V/50
Current (A)	1.3
Plug Connection	3 Pin 10A
Fan Speed	3
Cooling Area (m²)	up to 50
Tank Size (L)	120
Consumption (L/H)	10
Air Outlet Size (mm)	600x640
Air Distance (m)	11
Motor IP	IP64
Machine IP	IPX4
Dimensions (mm)	910x490x1380
Pack Dimensions (mm)	920x490x1280
Weight (KG)	38 / 43

DUST/RAIN COVER

PART NO: SP-PAC280-COVER



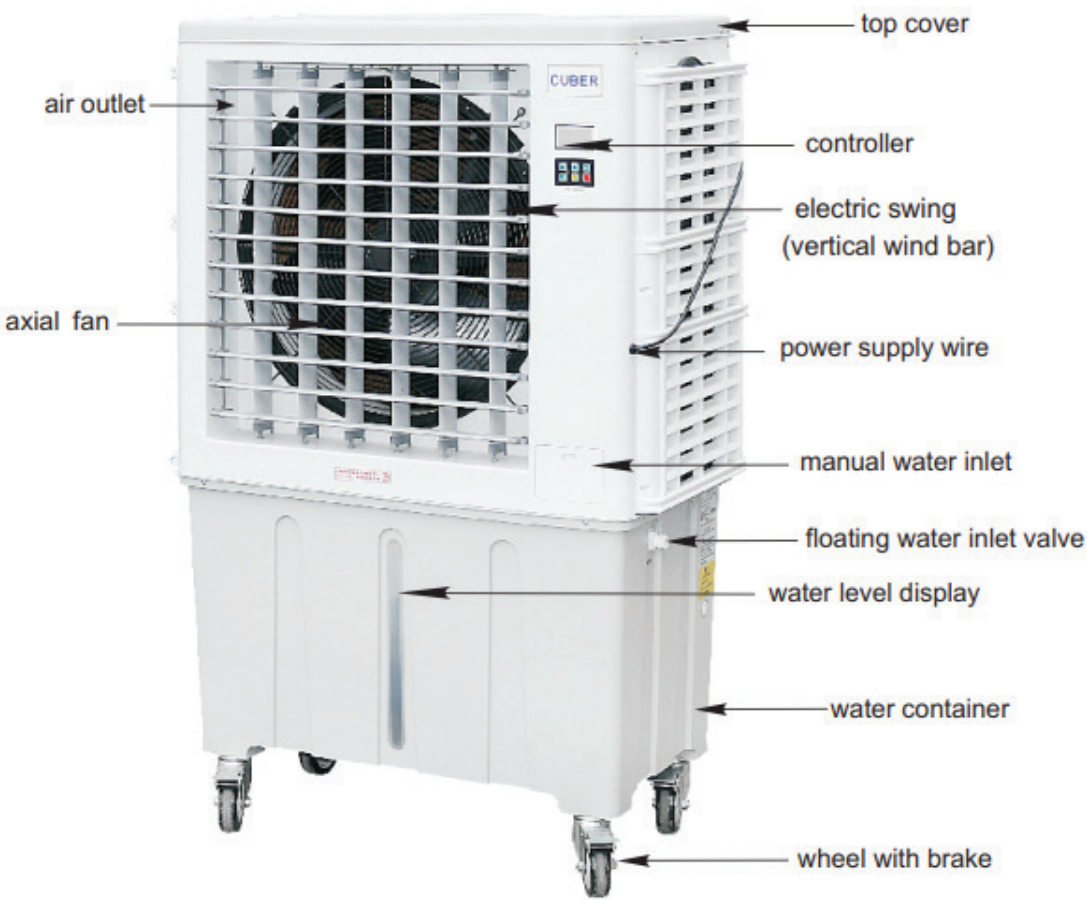
SAFETY DEVICES

- 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

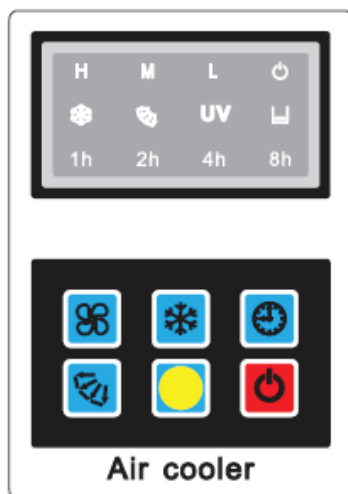
3. GETTING TO KNOW YOUR APPLIANCE



PACKING LIST

DESCRIPTION	QTY
AIR COOLER	1
REMOTE CONTROL	1
HOSE CONNECTION	1
INSTRUCTION MANUAL	1

3. GETTING TO KNOW YOUR APPLIANCE - CONT



LED Light definition LED

- "H" High wind speed
- "M" Medium wind speed
- "L" Low wind speed
- "Power" Power
- "1h 2h 4h 8h" Time setting
- "Cooling" Cooling
- "Wind swing" Wind swing
- "UV" UV
- "Water shortage" Water shortage

Button definition

- "Wind speed" Wind speed
- "Cooling" Cooling
- "Time setting" Time setting
- "Wind swing" Wind swing
- "Signal" Signal
- "ON/OFF" ON/OFF






LCD remote control

1. "ON/OFF" ON/OFF
2. "Increase the air flow" Increase the air flow
3. "Reduce the air flow" Reduce the air flow
4. "Cooling mode" Cooling mode
5. "Fan mode" Fan mode
6. "Disabled" Disabled
7. "Control the swing" Control the swing
8. "Time setting" Time setting

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 or connect to the water inlet valve for continuous water supply.
- Connect the plug to the relevant power source.
- The appliance will be in standby mode.
- Press the ON/OFF “” button to turn on or off.
- Press the cooling mode “” button to start the cooling process.
You will hear water rising & being distributed over the cooling pads, once saturated the fan will start. If there is no water or the water has run out, the water pump will not turn on but the fan will continue to work.
- For Fan Only option, press this button “” . There are 3 speed settings.

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 (black)	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 6 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

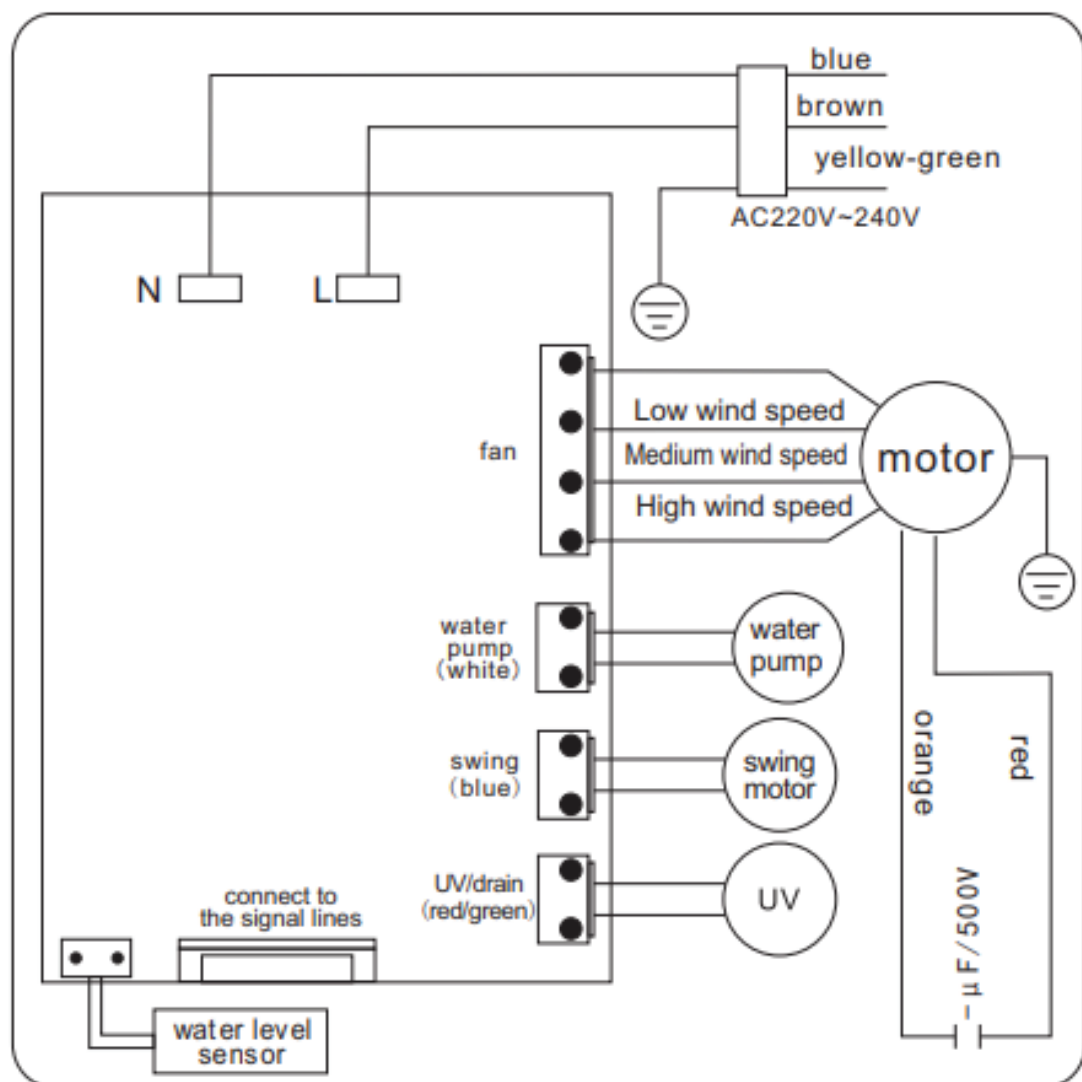
STORAGE

- 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

ISSUE	CAUSES	SOLUTION
Unable to turn on	<ol style="list-style-type: none">1. No Power Connection2. Switch Failure3. Phase Failure4. Low voltage	<ol style="list-style-type: none">1. Check power supply2. Replace switch3. Check phase4. Check voltage
Excessive noise	<ol style="list-style-type: none">1. Fan blade dirty, deformed or damaged2. Motor wear3. Blockages the outlet	<ol style="list-style-type: none">1. Change fan blade or adjust bracket2. Replace motor3. Remove objects
Fuse burnt out	<ol style="list-style-type: none">1. Water pump damage2. Synchronous motor damage	<ol style="list-style-type: none">1. Replace water pump2. Replace synchronous motor
Water leakage	<ol style="list-style-type: none">1. Machine leaning, not on level surface2. Leaking from the tank3. Drainage valve damage4. Water inlet damage5. Water level is too high6. Water distribution system is damaged7. Cooling pads are dirty	<ol style="list-style-type: none">1. Move to level surface2. Repair or replace tank3. Replace drainage valve4. Replace the water inlet5. Adjust the float valve6. Check or replace7. Clean cooling pads
No air supply	<ol style="list-style-type: none">1. Cooling pad or filter is blocked2. Control panel is damaged3. Mainboard is damaged4. Fan button doesn't work5. Motor phase	<ol style="list-style-type: none">1. Clean or replace2. Replace control panel3. Replace circuit board4. Check the motor5. Check the phase
No cooling	<ol style="list-style-type: none">1. Shortage of water2. Water level system failure3. Water pumped damaged4. Cool button doesn't work5. Mainboard is damaged	<ol style="list-style-type: none">1. Check water levels2. Replace water level sensor3. Replace water pump4. Replace control panel5. Replace circuit board
Water tank & filter with precipitation	<ol style="list-style-type: none">1. High control mineral in water supplier	<ol style="list-style-type: none">1. Increase drainage frequency

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

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



Fanmaster Pty Ltd | 1/6-8 Yalgar Road, KIRRAWEE NSW 2232
1300 900 345 | sales@fanmaster.com.au | www.fanmaster.com.au



N11664
MADE IN CHINA