



FANMASTER

COOLING EXTRACTION VENTILATION HEATING

INSTRUCTION MANUAL



PORTABLE AIR COOLER

MODEL: PAC320-A

OUBER[®]

3 YEAR WARRANTY

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

Thank you for purchasing a Fanmaster portable 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 of in accordance with 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 APPLIANCE INFORMATION SUCH AS AN INSTRUCTION MANUAL, LABELS, ETC. CONTACT FANMASTER.
- 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 STORE OR USE GASOLINE, PETROL OR ANY OTHER FLAMMABLE OR COMBUSTIBLE VAPOURS AND LIQUIDS IN THE VICINITY OF THIS APPLIANCE.
- FIRE, BURN, INHALATION, AND EXPLOSION HAZARD. KEEP SOLID COMBUSTIBLES, SUCH AS BUILDING MATERIALS, PAPER OR CARDBOARD, A SAFE DISTANCE AWAY FROM THE APPLIANCE AS RECOMMENDED BY THE INSTRUCTIONS. NEVER USE THE APPLIANCE IN SPACES WHICH DO OR MAY CONTAIN VOLATILE OR AIRBORNE COMBUSTIBLES, OR PRODUCTS SUCH AS GASOLINE, SOLVENTS, PAINT THINNER, DUST PARTICLES OR UNKNOWN CHEMICALS
- 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 COVER THE APPLIANCE.
- DO NOT LEAVE THE APPLIANCE UNATTENDED WHEN IN USE.
- NEVER USE THE APPLIANCE WITH WET HANDS OR WHEN EITHER THE APPLIANCE OR THE POWER CABLE IS WET.
- ALWAYS UNPLUG THE APPLIANCE WHEN NOT IN USE.
- ALWAYS PLUG THE APPLIANCE DIRECTLY INTO A WALL POWERPOINT. NEVER USE WITH AN EXTENSION CORD.

2. PRODUCT DESCRIPTION & SPECIFICATIONS

PRODUCT DESCRIPTION

The PAC320-A Portable Evaporative Air Cooler provides effective and economical cooling for large open and well-ventilated spaces. Ideal for warehouses, workshops, factories, gyms, hospitality venues and events.

SPECIFICATIONS

Part No.	PAC320-A
Power (kW)	0.32
Voltage / Frequency (V/Hz)	220-240 / 50
Current (A)	~1.4
Air Flow (L/s)	2,361
Fan Type	Axial
Fan Speed	9
Air Supply Distance (m)	13
Water Tank Capacity (L)	120
Noise (dB)	≤64
Material of Body	PP (Polypropylene)
Control	Digital Touch Panel & Remote Control
Outlet Size (mm)	600 × 640
Dimensions (mm)	910 x 490 x 1380
Packaging Dimensions (mm)	920 x 490 x 1280
Net / Gross Weight (kg)	38 / 43
Barcode	9344253004196

CONDITIONS OF USE

1. Ambient Temperature: 25°C to 45°C
2. Relative Humidity: ≤ 90%
3. Water Supply Requirements:
 - The water supply should be softened or appropriately treated.
 - Water temperature: 0°C to 45°C
 - Water supply pressure: 0.15 to 0.6 MPa
4. Power Supply: The supply voltage must remain within ±10% of the rated voltage.

3. GETTING TO KNOW YOUR APPLIANCE

PACKAGE CONTENTS

1	Evaporative Cooler
2	Instruction Manual
3	Remote Control



4. ASSEMBLY & OPERATING INSTRUCTIONS

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

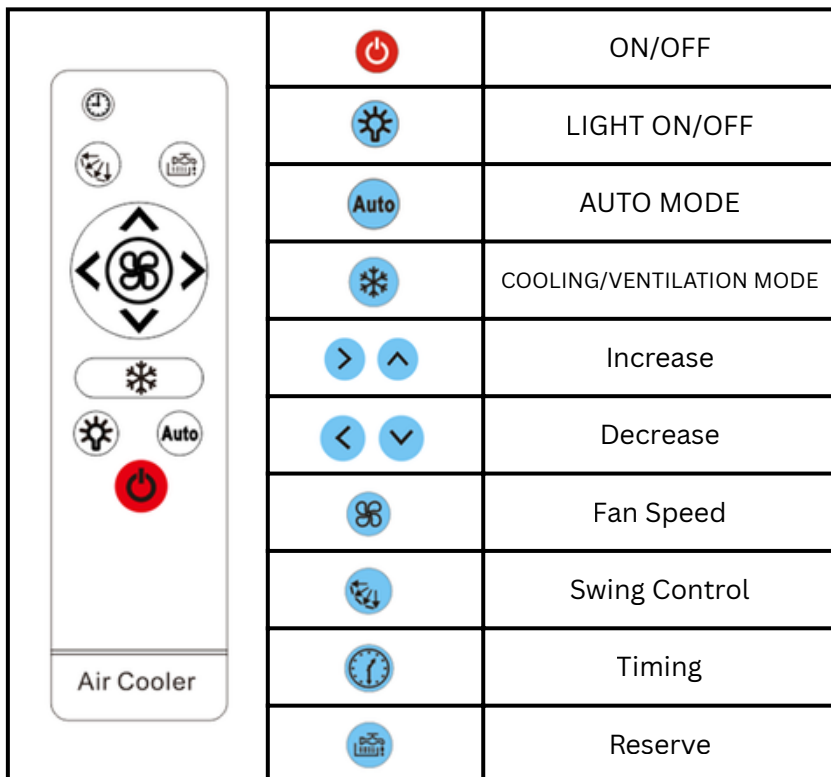
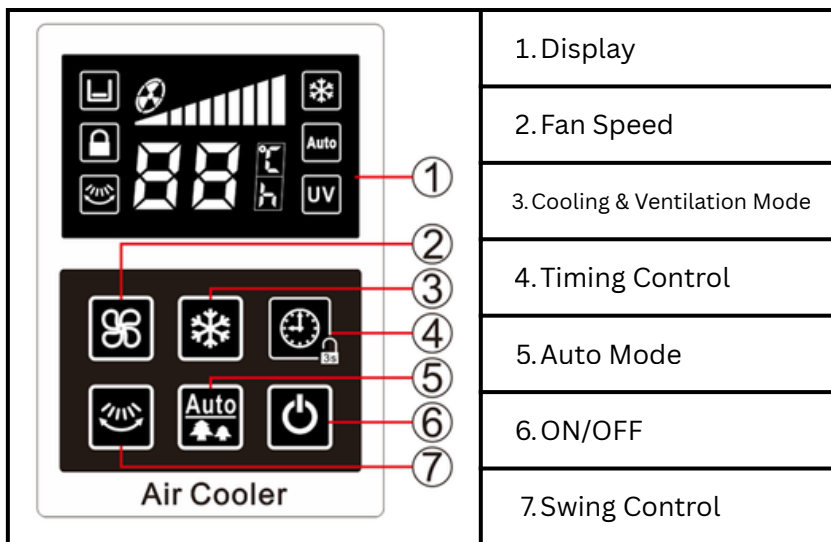
ASSEMBLE

- Remove the Appliance from its packaging and place it upright on a stable, level surface.
- Open the water inlet and fill the water tank with clean water. Do not fill the water tank above the MAX water level indicator.
- Before connecting the Appliance to the power supply, ensure the supply voltage and frequency match the electrical ratings specified on the Appliance rating label.
- Connect the Appliance to a suitable power outlet. Press the Power button on the control panel, select the required fan speed and operating mode, and check that the Appliance is operating correctly.

SAFETY PRECAUTIONS

- Do not handle the power plug or operate the Appliance with wet hands, as this may result in electric shock.
- Always switch off and unplug the Appliance before moving, cleaning, servicing or refilling the water tank.
- Ensure the power plug is fully inserted into the power outlet and the connection is secure.
- Keep the power cord and plug away from water and other liquids.
- If water is spilled on or around the Appliance, immediately switch off the Appliance and disconnect it from the power supply.
- Do not operate the Appliance if the power cord, plug or Appliance is damaged.
- Ensure the Appliance and surrounding area are dry before reconnecting it to the power supply.

4. ASSEMBLY & OPERATING INSTRUCTIONS



OPERATING INSTRUCTIONS

1. Standby Mode

When the Appliance is connected to the power supply, it will enter Standby Mode. The display will show the current ambient temperature.

2. Power ON/OFF

Press the Power button to switch the Appliance on or off.

When the Appliance is switched on, it will operate using the settings selected before it was last switched off.

When switching the Appliance off using the control panel, press and hold the Power button for approximately 2 seconds.

Note: When using the remote control, press the Power button once to switch the Appliance on or off.

3. Cooling / Ventilation Mode

Press the Cooling/Ventilation button to switch between Cooling Mode and Ventilation Mode. Cooling Mode

When Cooling Mode is selected:

- The water pump will operate and the cooling indicator will illuminate.
- The fan speed indicator will flash according to the selected fan speed.
- After approximately 10 seconds, the fan will begin operating at the selected speed and the fan speed indicator will remain illuminated.
- When the water level is low, the Appliance will attempt to operate the water pump for approximately 30 seconds before the pump switches off.
- The low water indicator will flash and an audible warning will sound.
- The audible warning will sound five times at one-minute intervals.
- After the water tank has been refilled, the low water indicator will switch off and the water pump will resume operation within approximately 30 seconds.

Ventilation Mode

When Ventilation Mode is selected:

- The cooling indicator will switch off.
- The water pump will stop operating.
- The low water indicator will switch off.
- The Appliance will continue to operate as a fan without evaporative cooling.

4. Fan Speed

Press the Fan Speed button to adjust the fan speed.

The Appliance has 9 fan speed settings, from 1 (lowest) to 9 (highest).

- Press the button briefly to increase the fan speed by one level.
- Press and hold the button to continuously increase the fan speed. The speed will advance approximately every 0.5 seconds.
- After Speed 9, the fan speed will return to Speed 1.

5. Swing Function

Press the Swing button to activate the automatic left-to-right oscillation of the air outlet.

Press the button again to stop the oscillation at the desired position.

Note: The swing function is disabled when the Appliance is switched off.

6. Timer / Control Panel Lock

Timer

While the Appliance is operating, press the Timer/Lock button to set the automatic switch-off timer.

The timer can be set from 1 to 8 hours.

- Each press of the button increases the timer setting.
- A setting of 0 hours cancels the timer.
- The display will show the remaining operating time.

When the selected time has elapsed, the Appliance will automatically switch off.

Control Panel Lock

Press and hold the Timer/Lock button for approximately 3 seconds to lock the control panel.

Press and hold the button again for approximately 3 seconds to unlock the control panel. The corresponding indicator will illuminate when the control panel is locked.

7. UV Function

When Cooling Mode is operating, the UV function will operate automatically and the UV indicator will illuminate.

Note: The UV function is optional and may not be fitted to all models.

8. Automatic Temperature and Natural Wind Modes

Press the Mode button to cycle through the following operating modes:

1. Natural Wind Mode
2. Automatic Temperature Mode
3. Manual Mode

Natural Wind Mode

In Natural Wind Mode, the fan speed automatically varies to simulate a natural breeze.

Automatic Temperature Mode

In Automatic Temperature Mode, the Appliance automatically adjusts the fan speed according to the ambient temperature.

Temperature	< 26°C	26°C	27°C	28°C	29°C	30°C	31°C	32°C	33°C	>34°C
Fan Speed	Stand-by	1	2	3	4	5	6	7	8	9

5. CLEANING, MAINTENANCE & STORAGE

- Always switch off and unplug the Appliance from the power outlet before cleaning or performing any maintenance.
- Do not attempt to repair, disassemble or modify the Appliance. If the Appliance requires servicing or repair, contact an authorised service agent or suitably qualified person.
- Do not immerse the Appliance, power cord or plug in water or any other liquid.
- Do not allow water or other liquids to enter the electrical components of the Appliance.
- Do not spray or pour water directly onto the Appliance.
- Do not use solvents, petrol, abrasive cleaners or harsh chemicals to clean the Appliance.
- Clean the exterior of the Appliance using a soft, damp cloth. Dry thoroughly with a clean, dry cloth.
- Regularly inspect and clean the water tank to prevent the build-up of dirt, mineral deposits and residue.
- Before extended periods of storage, drain all water from the water tank and ensure the Appliance is clean and completely dry.
- Store the Appliance in a clean, dry and well-ventilated location away from direct sunlight, moisture and excessive heat.
- Store the Appliance in an upright position where possible and protect it from dust and physical damage.

NOTE: Ensure the water tank is completely drained and dry before storing the Appliance for an extended period.



6. TROUBLESHOOTING

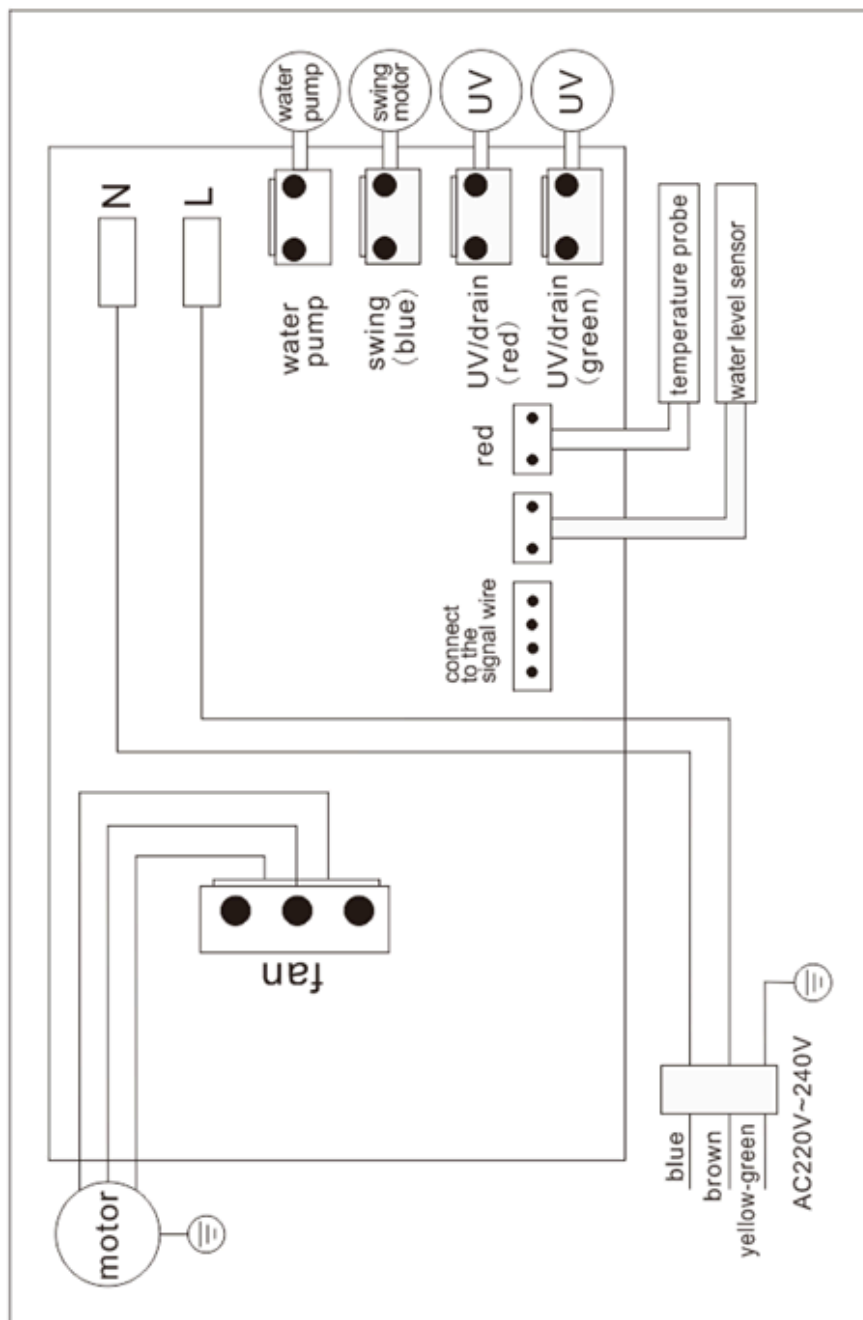
PROBLEM	POSSIBLE CAUSE	SOLUTION
Appliance does not operate	Appliance is not connected to the power supply.	Check that the power plug is securely connected to a suitable power outlet and that the power outlet is switched on.
	Power supply voltage is incorrect.	Check that the power supply matches the electrical ratings specified on the Appliance rating label.
	Control panel is not responding.	Switch off and unplug the Appliance. If the problem continues after restarting, contact an authorised service agent or suitably qualified person.
Appliance repeatedly stops operating	Water pump or fan motor may be faulty.	Switch off and unplug the Appliance. Contact an authorised service agent or suitably qualified person for inspection.
Water leaking from the Appliance	Appliance is not positioned on a level surface.	Place the Appliance upright on a stable, level surface.
	Water tank is overfilled.	Drain excess water and ensure the water level does not exceed the MAX water level indicator.
	Water tank or internal water system may be damaged.	Stop using the Appliance and contact an authorised service agent or suitably qualified person.
	Cooling pads are dirty or incorrectly fitted.	Check and clean the cooling pads. Ensure they are correctly installed before operating the Appliance.
Excessive or unusual noise	Air inlet or outlet is obstructed.	Switch off the Appliance and remove any obstructions from the air inlet and outlet.
	Fan is dirty or damaged.	Switch off and unplug the Appliance. Clean accessible areas as described in the Cleaning, Maintenance & Storage section. If the noise continues, contact an authorised service agent or suitably qualified person.
	Fan motor may be faulty.	Stop using the Appliance and contact an authorised service agent or suitably qualified person.

6. TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Low or no airflow	Cooling pads or air inlet are blocked by dust or debris.	Clean the cooling pads and air inlet.
	Fan speed is set too low.	Increase the fan speed using the control panel or remote control.
	Air inlet or outlet is obstructed.	Remove any obstructions and ensure there is sufficient clearance around the Appliance.
	Control panel or fan motor may be faulty.	Contact an authorised service agent or suitably qualified person.
Cooling performance is poor or there is no cooling	Water level is too low.	Fill the water tank with clean water. Do not exceed the MAX water level indicator.
	Cooling Mode is not selected.	Select Cooling Mode and check that the cooling indicator is illuminated.
	Cooling pads are dirty or blocked.	Clean the cooling pads in accordance with the maintenance instructions.
	Water pump is not operating correctly.	Switch off and unplug the Appliance. Contact an authorised service agent or suitably qualified person if the problem continues.
White mineral deposits appear in the water tank or on the cooling pads	Mineral content or hardness of the water supply is too high.	Drain and clean the water tank and cooling pads more frequently. Use clean, softened water where required to help reduce mineral and scale build-up.

WARNING: Do not disassemble the Appliance or attempt to repair internal electrical or mechanical components yourself. If the above troubleshooting steps do not resolve the problem, discontinue use and contact an authorised service agent or suitably qualified person.

7. WIRING DIAGRAM



8. WARRANTY

This product is covered by a 36-month manufacturer's warranty from the original date of purchase, subject to the Fanmaster General Warranty Terms.

Fanmaster Pty Ltd warrants this product against defects in materials and workmanship that appear during the 36-month warranty period.

If a defect covered by this manufacturer's warranty occurs during the warranty period, Fanmaster will, at its option and subject to applicable law, repair or replace the defective product or component.

Making a Warranty Claim

To make a claim under this manufacturer's warranty, you must provide proof of purchase and information reasonably required by Fanmaster to assess the claim.

You may make a claim by returning the product to the retailer from which it was purchased or by contacting Fanmaster:

Fanmaster Pty Ltd
ABN 45 353 934 457
Unit 1/6-8 Yalgar Rd
Kirrawee NSW 2232, Australia
P: 1300 900 345
E: support@fanmaster.com.au
W: <https://www.fanmaster.com.au/support>

Unless otherwise required by law, you are responsible for expenses incurred in making a claim under this manufacturer's warranty.

Australian Consumer Law

The benefits provided by this manufacturer's warranty are in addition to other rights and remedies available to you under applicable law.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any 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.

Nothing in this manufacturer's warranty excludes, restricts or modifies any rights or remedies that cannot lawfully be excluded, restricted or modified.

Full General Warranty Terms

For full warranty terms, conditions, exclusions and further information about making a warranty claim, please refer to the Fanmaster General Warranty Terms at:
<https://www.fanmaster.com.au/wp-content/uploads/General-Warranty-Terms.pdf>

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

COOLING EXTRACTION VENTILATION HEATING

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