



FANMASTER

COOLING HEATING VENTILATION EXTRACTION

INSTRUCTION MANUAL



MASTERFILTER AIR SCRUBBER PURIFIER

MODEL: ASP-500-MF3



SCAN ME

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 a Fanmaster Masterfilter air scrubber purifier. 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, ASPHYXIATION, 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 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 EITHER THE APPLIANCE OR 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.
- PLEASE MAKE SURE ALL PLASTIC PACKAGING IS REMOVED FROM ALL FILTERS BEFORE OPERATION.
- THIS APPLIANCE CONTAINS A UV EMITTER. DO NOT STARE AT THE LIGHT SOURCE.
- DO NOT USE AN ADAPTER WITH THIS APPLIANCE.
- BREATHING HAZARD - WHEN USING THIS APPLIANCE IN A CONTAINMENT AREA, ALWAYS TURN OFF POWER TO OPEN COMBUSTION APPLIANCES SUCH AS FIREPLACES, FURNACES, WATER HEATERS & HVAC SYSTEMS TO AVOID THE RISK OF BACK-FLOW CARBON MONOXIDE FUMES.
- IF THE FILTER CHANGE LIGHT ILLUMINATES DURING THE REMEDIATION PROCESS, IMMEDIATELY CHANGE THE HEPA/ACTIVATED CARBON FILTER.
- TIPPING HAZARD - USE CAUTION WHEN STACKING THIS APPLIANCE. DO NOT STACK MORE THAN THREE (3) UNITS ON TOP OF EACH OTHER.
- THIS APPLIANCE IS NOT DESIGNED TO BE CONTINUOUSLY USED 24 HOURS 7 DAYS A WEEK AS IT WILL SHORTEN THE PRODUCT LIFE.

2. PRODUCT DESCRIPTION & SPECIFICATIONS

PRODUCT DESCRIPTION

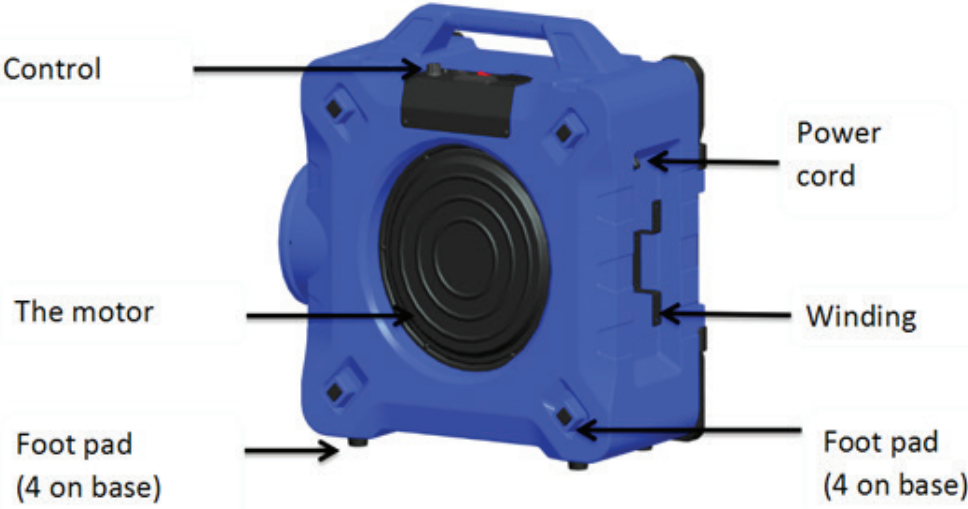
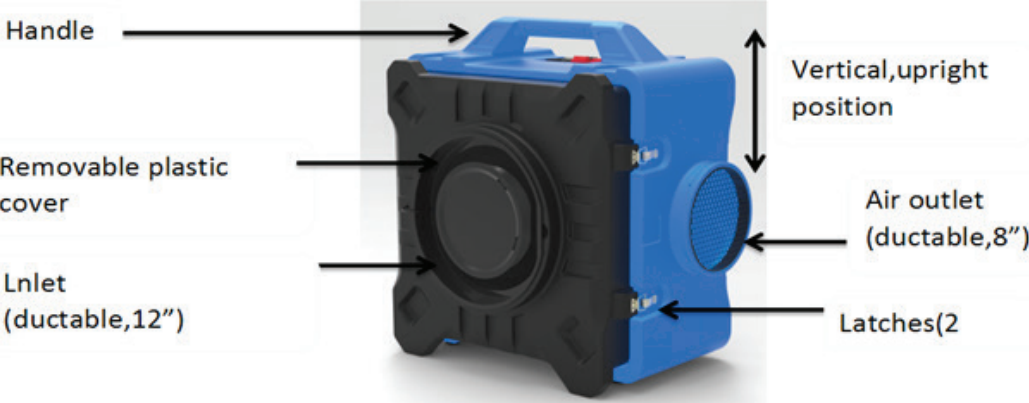
Industrial air scrubber purifier designed to remove particles from the air and surrounding surfaces and odours.

SPECIFICATIONS

MODEL	ASP-500-MF3
Air Flow (L/s) (CFM)	238
Rated Power	0.18KW
Voltage (V/Hz)	AC220-240V/50
Current Rating (A)	0.80
Plug Connection	3 Pin 10amp
Cable Length (m)	3
Filters	1st stage: G4 Pleated Disposable Cardboard Filter 2nd stage: G4 Activated Carbon Filter 3rd stage: H13 HEPA Filter UV-C Light Sterilisation
Filter Size (mm)	Pre Filter: 400x400x20 ACF: 400x400x20 H13: 450x430x56
Air outlet Dia (mm)	195
Filtered Aream (m2)	up to 100
Fan Speed	Variable
Hour Meter	Yes
Filter Replacement/Clean Indicator Light	Yes
Noise (dBa)	65
Weight (kg)	16.5 / 18.5
Product Dimensions (mm)	(W)620x(D)410x(H)645
Packaged Dimensions (mm)	(W)635x(D)415x(H)670

- When the unit total working time adds up to 2000 hours, the filter warning light will flash with an alarm on the control panel. (To reset the machine, push the UV-C light switch 3 times continuously in 5 seconds after Reset the filter service time)
- UV-C sterilization lamp fault detection function: when the UV-C sterilization lamp does not work, the alarm will keep ringing.

3. GETTING TO KNOW YOUR APPLIANCE



4. HOW IT WORKS

The ASP-500-M3 works by drawing the contaminated air into the air inlet which passes through a 3 stage filtration process that removes 99.97% of airborne particles and is then sterilised with a UV-C Light with the clean filtered air is then expelled back out via the air outlet. It removes dust particles and other airborne contaminants that carry mould spores, germs, and viruses from the air and surrounding surfaces.

The ASP-500-M3 is fitted with a filter replacement indicator which will light up when the HEPA filter needs to be replaced. The ASP-500-M3 can be positioned vertically or horizontally and can be multi-stacked (horizontally) in storage. Ducting (200mm) can be attached.

Three (3) stage filtration & UV-C Light process:

1st Stage: Pre-filter G4 Pleated Disposable Cardboard Filter – captures initial dust & allergen particles.

2nd Stage: G4 Activated Carbon Filter – multi-pore activated carbon filter adsorbs & removes Volatile Organic Compounds (VOCs), odours, formaldehyde and other gaseous pollutants.

3rd Stage: H13 HEPA Filter – captures even smaller particles, up to 0.3 microns. Helps control and prevent the growth of bacteria and mould. Capturing 99.97% of dust & allergen particles.

UV-C Light: UV-C Light sterilises the filtered air. UV-C technology works by deactivating the DNA of microorganisms like bacteria & viruses disrupting their ability to multiply & spread.

5. USES & APPLICATIONS

USES

- Air purification
- Dust control
- Odour control
- Remediation & Restoration works (wate, fire & mould damage)

APPLICATIONS

- Constructions sites
- Offices
- Commerical - hotels, kitchens
- Warehouses, workshops, factories
- Rental/Hire

6. ASSEMBLY & OPERATING INSTRUCTIONS

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

ASSEMBLY

There is minimal assembly required. **REMOVE PLASTIC PACKAGING FROM FILTERS** - open the cover via releasing the two (2) latches and remove the plastic packaging from all three filters. *Failure to do so will cause risks or damage to the appliance. The appliance will not work.*

OPERATING INSTRUCTIONS

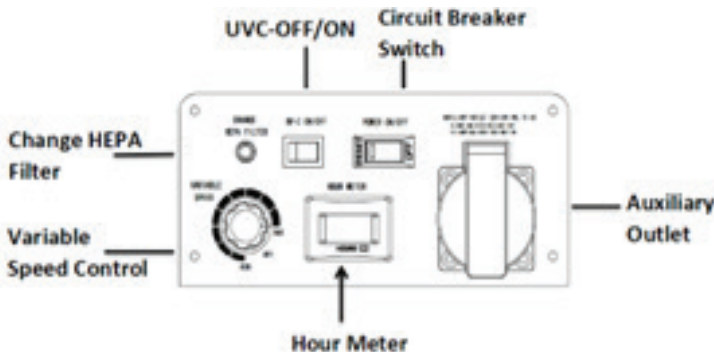
1. Place the appliance so that it is in an upright vertical position (placed on the rubber feet).
2. Connect the plug to the relevant power source.
3. Open the air inlet cover on the opposite side of the control panel (filters)
4. Turn the appliance on by turning the Variable Speed Control.
5. The appliance can be operated in their vertical or horizontal position.
6. To turn appliance off turn the Variable Speed Control anti-clockwise.

AUXILIARY OUTLET/DAISY CHAIN

Maximum Amps: 10A
Maximum Units: Link up to 3 air scrubber purifiers

CONTROL PANEL

- Variable Speed Control** - controls the air flow (clockwise to increase)
- Circuit Breaker Switch** - protects the unit if there is more than 10amps passing through the circuit, the unit will cut off the power.
- Hour Meter** - indicates the running time of the unit
- UVC On/Off** - controls the UV-C Lamp
- Change HEPA Filter** - indicates when to replace/clean the HEPA Filter



7. CLEANING, MAINTENANCE & STORAGE

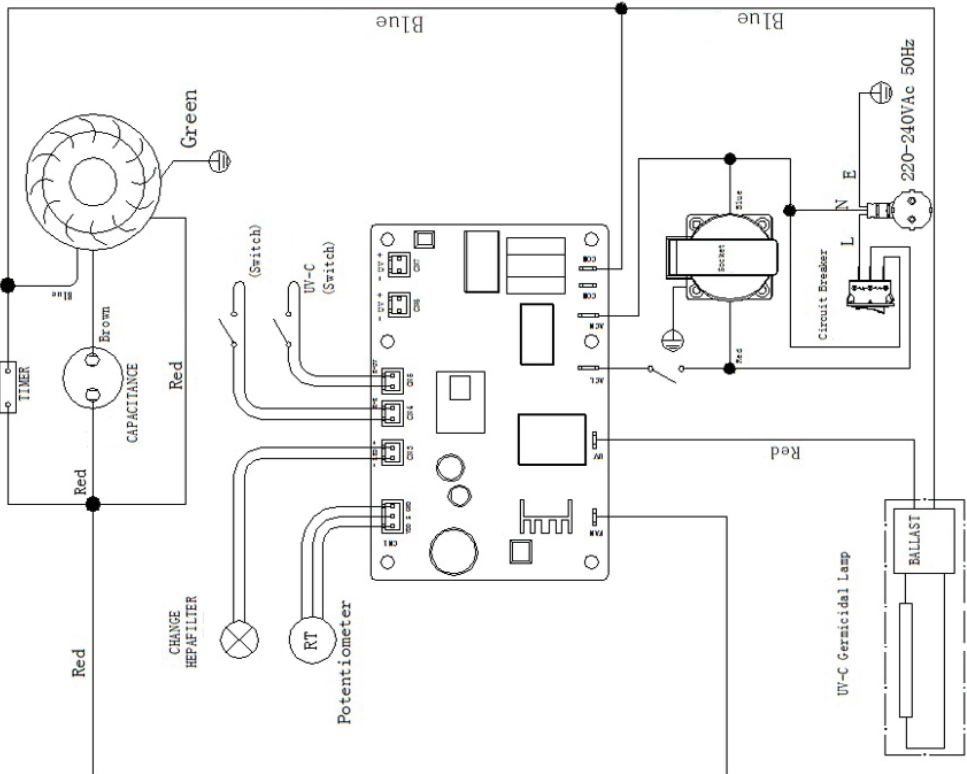
- Before starting any maintenance task, shut down, unplug the appliance.
- Do not attempt any electrical repair yourself. If the appliance needs service or repair, contact a qualified person.
- When cleaning, make sure that water does not enter the unit.
- Do not open the enclosure to clean the inner parts. Do not spray water into the appliance.
- Never use solvents, gasoline, toluene and similar aggressive chemicals to clean the appliance.

Regularly wipe the enclosure using a soft sponge or cloth. For very dirty parts, use a sponge wetted with lukewarm water and a mild detergent, then dry using a clean cloth. Clean or replace the filters as required. Check the power cord and plug for any damages, if damaged replace the cord or plug immediately by a qualified person only.

STORAGE

- Clean the unit before storing for long periods of time.
- Keep stored inside.

8. WIRING DIAGRAM



9. TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
No Power	Plug is loose or not connected correctly	Check plug connection
	Faulty or damaged power cord	Check & replace
No air flow	Filters are blocked	Replace filters
	Air inlet or outlet is blocked	Check for blockages
UV-C Lamp not working	Drain pipe is clogged	Clean out drain pipe
	Faulty	Replace
	Not positioned correctly	Check placement

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10. 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.





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