

Instruction Manual

Approved to Australian Standards

Juvenate HEPA AF500 Air Scrubber



GENERAL INFORMATION

Packaging

Please **DO NOT** dispose of any packaging until you have checked the appliance is operational.

After removing the packaging ensure the contents are intact and complete.

In the unlikely event of missing parts; contact your retailer.

DO NOT leave children unattended with any of the packaging since it is a potential source of danger. Disposal of all packaging must be carried out responsibly and safely in accordance with your local authority regulations.

ALWAYS recycle the packaging material where possible.

PLEASE READ THE INSTRUCTIONS CAREFULLY AND IN FULL BEFORE USING THE PRODUCT



WARNING! To reduce the risk of fire, electric shock or injury:

When using any electrically powered product, basic safety precautions should always be followed

IMPORTANT SAFETY INSTRUCTIONS

WARNING - to reduce the risk of fire, electrical shock or injury to persons or property:

1. Do not move or carry the Air Scrubber while it is operating, the powerful airflow can cause unpredictable movement.
2. NEVER allow children to play with or around the Air Scrubber.
3. Do not alter or modify your Air Scrubber in any way. Use only replacement parts authorised by Diamond Products. Modifications or use of unauthorised parts could create a hazard and will void your warranty.
4. Store the Air Scrubber in a clean, dry environment. Do not use outdoors or allow water inside the unit's motor. If the motor becomes wet, allow it to thoroughly dry before use.
5. The Air Scrubber should never be operated near water as it will create a risk of serious injury from electrical shock.
6. Handle the unit with care to avoid causing damage or injury.
7. The Air Scrubber should always be operated on a flat surface. Do not operate where unit could fall, or on slippery surfaces, as this could increase the chance of injury, fire or electrical shock.
8. Keep all liquids from being drawn into the Air Scrubber and never operate unit without factory installed safety inlet and outlet grills in place.
9. Do not use Air Scrubber near combustible gas, or hot air as unit could melt and cause a fire or electrical hazard.
10. Do not take the Air Scrubber apart or try to repair it unless you are qualified to do so. Never repair or service unit while Air Scrubber is plugged in.
11. Make sure the air intake and outlet are free from all materials and away from obstructions, as any restrictions may cause the Air Scrubber to overheat and cause a shock or fire hazard.
12. Unplug the Air Scrubber before performing any service or changing filters.
13. Do not stack more than 2 units high in order to avoid a tripping hazard - falling equipment can cause bodily harm.
14. This appliance is not intended for use 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 concerning use of the appliance by a person responsible for their safety.
15. Children should be supervised to ensure that they do not play with the appliance.
16. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard

OPERATING INSTRUCTIONS

The HEPA Air Scrubber is a portable filtration system that removes airborne particles including mould, pet dander, dust, pollen, drywall dust and other miscellaneous debris as small as 0.3 microns.

The AF500 utilises up to 3 stages of filtration including a pre-filter, optional 2nd stage and a HEPA filter. The AF500 will create cleaner air in any environment. The pre-filter and second stage filter capture larger particles and the HEPA filter captures smaller particles.

- 1.** Place the Air Scrubber upright on a level and stable surface with the handle up.
- 2.** Remove the dust cover.
- 3.** Plug the Air Scrubber into a grounded 220-240AC grounded outlet with the correct voltage and amperage. For maximum protection against electrical shock, always use a circuit that is protected by a ground fault circuit interrupter. If you are unsure about the outlet, check with a qualified electrician or service person. Do not use an adapter or extension cord.
- 4.** To switch the unit on, locate the control panel and turn the variable speed switch clockwise to the desired setting. Check that the air Air Scrubber operates properly before leaving it unattended.
- 5.** Operate unit until area is clear of unwanted contaminates or until filters need to be changed. The control panel has a filter change light which illuminates when the HEPA filter needs to be changed. See section on changing filters for instruction.

CHANGING FILTERS

WARNING: CONTAMINATED HAZARD

Always wear NIOSH compliant protective gear when changing filters and dispose of used filters according to local regulations.

Filters should be changed after every remediation job and whenever the filter change indicator light comes on. The unit should also be cleaned after each job to prevent cross-contamination.

Make sure the unit is dry before installing clean filters.

To change the filters:

- 1.** Unplug the Air Scrubber
- 2.** Open the door by releasing the sliding latches outward, away from the Air Scrubber body.
- 3.** Remove used filters and install new filters.
- 4.** Latch door closed and plug the unit in a grounded outlet before operating.

CIRCUIT BREAKER SWITCH

The AF500 is equipped with a circuit breaker switch to protect the Air Scrubber. It will cut off power to the unit when it detects an unsafe amount of electricity passing through the unit.

If the switch "trips" unplug the unit and look for potential hazards or anything that may be creating an overload situation. Reset the breaker by pushing the button in and continue normal operation.

SPECIFICATIONS

Juvenate HEPA AF500 Air Scrubber	
Fan Speed	2400 rpm
Certification	SAA
Motor Rating	150W
Power	220-240 Volts, 50 Hz
Current	0.65 amps
CFM	500
Pre Filter	G4
Prime-Filter	H13 (Made in Germany)

CLEANING

- Before cleaning turn the unit off and unplug from the power supply
- If very dirty use a damp cloth and wipe dry. Do not use any cleaning detergents, sprays or other chemicals, as they will damage the unit.
- Store the unit in a ventilated dry area when not in use.

TROUBLESHOOTING

Problem Shooting

Air Scrubber does not turn on

- Switch not turned - turn on.
- Circuit breaker has tripped - push reset button.
- No power to scrubber - make sure unit is plugged in; check power supply.
- Faulty switch - replace.

Air Scrubber starts and then shuts off

- Obstructed inlet/outlet - remove obstruction.
- Faulty motor - replace.

Air Scrubber vibrates

- Motor shaft is bent - replace motor
- Fan blade is bent - replace.
- Excessive dirt built up on fan blade - clean by wiping with a slightly damp cloth.

Air Scrubber change light illuminated

- HEPA filter needs replacement - replace
- Air intake restricted - remove restriction or bends/kinks in ducting.

Motor makes noise, but Air Scrubber won't turn on

- Damaged/faulty motor or motor shaft-replace
- Broken/loose wire to capacitor - replace
- Damaged/faulty capacitor - replace
- Damaged housing/fan so fan will not spin - replace housing or fan wheel
- Motor shaft set screw holding fan wheel is loose - tighten.

WARRANTY

One 12 month Warranty

Retain this warranty information

Juvenate undertakes to replace or repair at its discretion goods should they become defective within 12 months solely as a result of faulty materials and workmanship.

In the unlikely event the goods become faulty or electronically unsafe, the owner must immediately cease use of the product, advise Juvenate by contacting the help desk on **1300 030 932** and return the goods to the point of purchase with proof of purchase and a full description of the fault to validate the warranty.

It is the responsibility of the owner to cover costs related to freight to and from the approved product repairer.

If the product has not been operated, maintained or if any attempt has been made to rectify, dismantle or alter the appliance in any way the warranty will be invalidated.

In the unlikely event of a problem, please contact our help desk on 1300 030 932

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 reasonable 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.

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Juvenate[®]
SPECIALTY RESTORATION EQUIPMENT

Emergency Hotline

1300 030 932

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www.juvenate.com.au