Operation and Safety Guide

DefendAir HEPA 500 Air Scrubber
Model # F284

Vendor Website: HD.drieaz.com

Support Phone No. 1-800-932-3030

⚠ WARNING

SAFETY TOPICS:

Read and understand manual before use.

Please visit HD.drieaz.com

SAFETY CHECKLIST:

FIRE AND ELECTRIC SHOCK HAZARD

1. Unit must be electrically grounded.
2. Insert 3-prong plug on power cord directly into matching grounded receptacle.
3. Do not use with an adapter.
4. Do not use with an extension cord.

WARNING

1. Keep wiring and motor dry.
2. Do not operate in standing water.
3. If electrical components become wet, allow them to dry completely before using.

CONTAMINATION HAZARD

1. Wear appropriate respiratory protective gear when changing filters.
2. Change filters after every remediation job.
3. Change HEPA filter when the filter indicator light comes on.
4. Dispose of used filters according to your local regulations before returning air scrubber to Tool Rental Center.

TIPPING HAZARD

1. When stacking units, beware of tipping.
2. Do not stack more than 2 units on top of each other.
3. Falling equipment could cause bodily harm.

FILTER INSTALLATION

1. Make sure standard filters are installed in this order (from inside unit to outside):
   1) HEPA filter (F321 or F513) in inside compartment
   2) Stage Two Pre-Filter (F271) in outer lip area
   3) Stage One Pre-Filter (F270) closest to front door

Tool Application: The DefendAir® HEPA 500 is a portable air scrubber that draws air from the surrounding environment and passes it through an advanced filtration system. The unit removes airborne particles like dust, mold spores, pollen, pet dander and miscellaneous debris. Each unit can treat up to 1000 cubic feet of enclosed space. When used with the optional carbon filter, the unit can also remove odors from paint, varnish, dead animals and more.

Units Daisy Chained

Stack for twice the air scrubbing

You can stack and operate up to two units vertically. The handle of one unit fits into the bottom of another unit.

Tool Operation:

Step	Action
1	Unwrap the cord wrap completely.
2	Place the HEPA 500 upright (vertical with handle at the top).
3	Plug the unit into a standard 115V grounded outlet. Each HEPA 500 needs 3 amps to operate.
4	To switch the unit on, locate the control panel and turn the variable speed switch clockwise to start the unit. Then select airflow rate: maximum of 500 CFM down to a minimum of 250 CFM.
5	The HEPA 500 can be operated upright or on its back (with large outlet opening up). Units can also be stacked up to two high.
6	The change light illuminates when you need to change the HEPA filter.
7	You can daisy chain or interconnect up to 3 HEPA 500s to customize your air filtration needs. Each unit can conduct a maximum of 12 amps when turned off, and 9 amps when it is turned on. That means you can plug other equipment into the unit but the amperage is limited.
8	The primary purpose of the circuit breaker (red) is to protect the machine. It turns the unit off when more than 12 amps run through the on-unit circuit.
9	The GFCI helps protect the user if it detects a ground fault; the GFCI will interrupt the electric current. The GFCI will also trip when a short circuit or an overload occurs.
10	When the GFCI trips, unplug the unit, and look for potential hazards: standing water, frayed cords, etc. anything that would cause a surge of electrical current. Relocate the unit and plug it into a different outlet. Then push the “reset” button, and check to see if it’s operating if so, continue use, if not follow store procedure for reporting rental unit problems.