

AIRREX HEPA Filtration Machine

USER' S MANUAL

HSC-HEPA2000

- ▶ Thank you for purchasing an AIRREX HEPA Filtration Machine. BEFORE operation please read this user' s manual carefully.
- ▶ Keep this manual readily available.
- ▶ It is ESSENTIAL that you read the 'NOTES ON SAFETY' carefully before use and follow them at all times.
- ▶ This Machine is specified for use on a 115V, 60Hz. single phase power supply. You must check that the local electricity supply is the same and have the appropriate plug fitted by a qualified electrician.
- ▶ The Warranty form is on Page 8. Please complete it now and keep in a safe place.
- ▶ We have a policy of continual improving to our products. The contents (features and specifications) in this manual are therefore subject to change without notice.





TABLE OF CONTENTS

- Safety Instructions 3
- Specifications 4
- Wiring diagram 4
- Controller 4
- Trouble Shooting 5
- Filter 5
- Change of filter 6
- Warranty 8

Safety Instructions

The following instructions are for ensuring the user's safety and to prevent any physical injury or material damage. Please read carefully and follow all instructions. There are two sections to these instructions: WARNING and CAUTION.

CAUTIONS

- ▶ Insert the power plug into the outlet for 115V / 60Hz only.
- ▶ When inserting the power cord into the outlet, turn off the switch before use.
- ▶ Do not touch the product with a wet hand.
- ▶ Do not put a heavy thing on the power cord.
- ▶ When water enters into the product or the electricity part, pull out the power plug and dry it completely before use.
- ▶ On the day of thundering or lightning, remove the power cable, and do not use it.
- ▶ Do not put the product at the humid place. It may occur a danger such as electric leak or electric shock.
- ▶ Do not install it at the place where inflammable gas is generated. It may occur a danger of explosion.
- ▶ Remove any obstacle at the inhaling hole and the exhaling hole.
- ▶ When cleaning the surface of the product, pull the power cord out, and use soft cloth for preventing a scratch.
- ▶ Do not use wet cloth, wax or thinner.
- ▶ Do not put a hand or foreign substance into the inhaling hole or the exhaling hole. It may occur a malfunction to the product or a physical injury.



Keep this manual in a visible location near the cooler for easy reference.

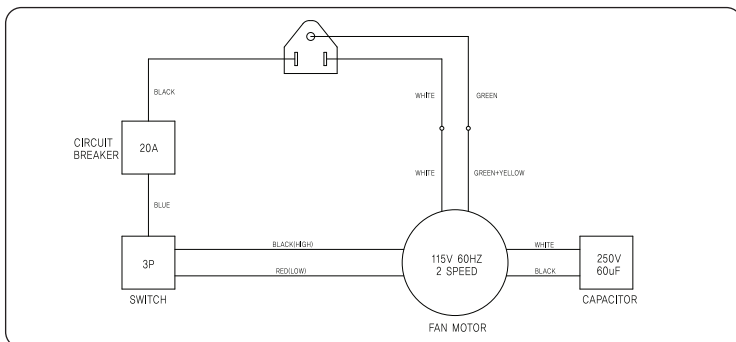
Specification

Voltage	115Va.c. 60Hz
Width	28,5 (inch)
Length	30 (inch)
Height	30 (inch)
Weight	132lb
AirFlow (High)	1,620CFM
AirFlow (Low)	1,410CFM

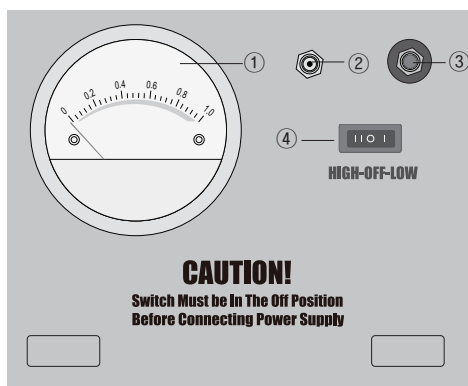
How to operate the product

1. Before connecting the power cord, confirm the switch is turned off without fail.
2. For starting the product, press the switch in the control panel to the low or high.
3. For stopping the operation, press the OFF.

Wiring diagram



Controller



1. Pressure Gauge
2. Pressur Sensing Port
3. Circuit Breaker
4. High-Off-Low Switch

CAUTION!
Switch Must be In The Off Position
Before Connecting Power Supply

Trouble Shooting

Trouble	Check & Remedy
The machine cannot be operated	· Confirm that the power cord is correctly connected with the outlet.
After operating, the power turns off.	· Due to an over electric current, the power source is being cut. Please check the circuit breaker.
Inhaling/ exhaling is weak.	· Check if the filter is damaged or contaminated.
Dust is flowed out of the exhaling hole.	· Check if the filter is damaged or correctly installed.

Filter

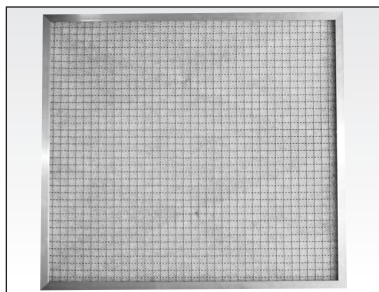
DO NOT OPERATE THE AIRREX WITHOUT THE HEPA FILTER INSTALLED! OPERATING WITHOUT THE HEPA FILTER INSTALLED OR USING NON-APPROVED POWER CORDS MAY CAUSE DAMAGE TO THE ELECTRICAL SYSTEM OR MECHANICAL COMPONENTS. FAILURE TO COMPLY WILL VOID ALL WARRANTIES.

PRE-FILTER



1. Size : 27.5 X 25.3 X 0.6 (inch)
2. The filter can collect dust of 10~30 μ m up to 20~85% in accordance with the standard of weight method

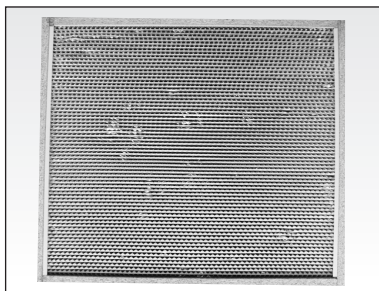
PRE-FILTER PANEL



1. Size : 24.0 X 24.0 X 0.8 (inch)
2. Aluminum frame is put around the outer edge. It can collect dust of 10~20 μ m up to 90% in accordance with the standard of weight method.

Filter

HEPA FILTER



1. Size : 24.0 X 24.0 X 5.9 (inch)
2. It can collect dust of 0.3 μ m up to 99.97% in accordance with the standard of weight method

Change of filter

Time of filter change

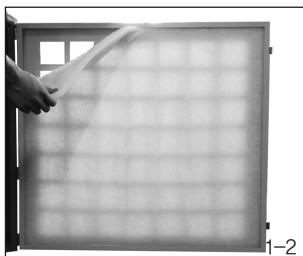
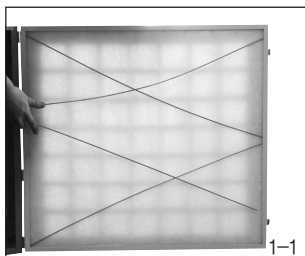
- ◆ At the time the pressure gauge value is 0.64 in high, and more than 0.56 in low.
- ◆ At the time the filter is damaged due to a long-time use.
- ◆ At the time the inhaling power falls due to a clogging in the filter.

Cautions for filter change

- ◆ As the asbestos dust attached to the filter may be scattered, do work in a closed space, wearing a protective gear
- ◆ Cut the main power, then do work.
- ◆ The removed filter after change must put in a doubled vinyl pack, then discard it legally.

How to change filter

1. Pre-Filter change



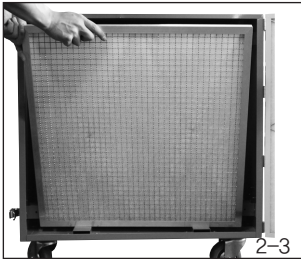
- 1-1 After opening the door, pull out the reinforced staffs.
- 1-2 Change the filter contaminated or damaged as the picture.
- Fix the filter in reverse order.

Change of filter

2. Pre-Filter Panel, Hepa Filter change



- 2-1 Open the door as the picture.
- 2-2. Using a tool as the picture, pull off the bracket fixing the filter
- 2-3 Change the contaminated or damaged pre-filter panel and hepa-filter in order.
- Fix the new filter in reverse order.



MEMO.

WARRANTY

(Applicable to first retail purchaser only)

AIRREX HEPA FILTRATION MACHINE give more reliable performance, comfort and durability the more they are used. They are built under a strict quality assurance regime which includes inspection both during and after production and exhaustive reliability testing.

In the unlikely event you have any problems, please contact your dealer or distributor. If the problem is as a result of a production fault or failure, repairs will be undertaken free of charge during the period of warranty subject to the following warranty conditions:

1. The warranty period is 12 months from the date of first purchase.
2. If the problem has been caused by customer error or misuse, abuse or damage, then all repairs will be charged for.
3. This warranty applies to your country.
4. Proof and date of purchase must be supplied.
5. Please complete the details below and keep this warranty in a safe place.
6. All transport charges back to the dealer are at the customers cost. Keep all original packaging to facilitate return. Return to customer will be at dealers cost (if genuine warranty claim).

DESCRIPTION			
MODEL	HSC-HEPA2000		
DATE OF PURCHASE		PRODUCT SERIAL NO:	

Warranty Period	() Months	
DISTRIBUTOR	Name of Company	
	Telephone No.	

CUSTOMER DETAILS	Name :	
	Address :	
	Telephone :	

USA DISTRIBUTOR
AIRREX USA
P.O BOX 340
HEWITT, TEXAS 76643
TEL : 1-888-244-5898
FAX : 1-469-574-7924
sales@airrexusa.com

HEPHZIBAH CO.,LTD.
423-5 CHUNGCHUN-DONG, BUPYUNG-KU
INCHEON, KOREA
TEL : +82-32-509-5834
FAX : +82-32-502-5519
E-mail : airrex@hdtex.com
Website : www.airrex.co.kr