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.
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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.

- 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 anything heavy 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.
- Unplug the unit when during heavy lightning or electrical storms.
- 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 unit for easy access.

SPECIFICATION

<table>
<thead>
<tr>
<th>Voltage</th>
<th>115Vac 60Hz 1Ph</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>28.5 (inch)</td>
</tr>
<tr>
<td>Length</td>
<td>30 (inch)</td>
</tr>
<tr>
<td>Height</td>
<td>30 (inch)</td>
</tr>
<tr>
<td>Weight</td>
<td>132 lb</td>
</tr>
<tr>
<td>AirFlow (High)</td>
<td>1,950 CFM</td>
</tr>
<tr>
<td>AirFlow (Low)</td>
<td>1,410 CFM</td>
</tr>
</tbody>
</table>
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. Pressure Sensing Port
3. Circuit Breaker
4. High–Off–Low Switch

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

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

## 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㎛ 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㎛ up to 90% in accordance with the standard of weight method.
HEPA FILTER

1. Size : 24.0 X 24.0 X 5.9 (inch)
2. It can collect dust of 0.3㎛ 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 0.72 in high, and more than 0.62 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.
2. Pre–Filter Panel, Hepa Filter change

- 2–1 Open the door as

- 2–2. As the picture, unscrew by hand, and 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.
WARRANTY
(Applicable to first retail purchaser only)

AIRREX HEAT PUMP give the 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. If the problem has been caused by customer error or misuse, abuse or damage, then all repairs will be charged for.

2. This warranty applies to your country.

3. Proof and date of purchase must be supplied.

4. Please complete the details below and keep this warranty in a safe place.

5. All transport charges back to the dealer are at customer’s cost. Keep all original packaging to facilitate return. Return to customer will be at dealer's cost (if genuine warranty claim).

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>HSC-HEPA2000</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODEL</td>
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<tr>
<td>DATE OF PURCHASE</td>
<td>PRODUCT SERIAL NO</td>
</tr>
<tr>
<td>DISTRIBUTOR</td>
<td>Name of Company</td>
</tr>
<tr>
<td></td>
<td>Telephone No.</td>
</tr>
<tr>
<td>CUSTOMER DETAILS</td>
<td>Name :</td>
</tr>
<tr>
<td></td>
<td>Address :</td>
</tr>
<tr>
<td></td>
<td>Telephone :</td>
</tr>
</tbody>
</table>

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* Designs and specifications of products are subject to change without prior notice for the improvement of products.*