Owner’s Manual – Viking IAQ 7000 Air Scrubber

The Viking IAQ 7000 is the most powerful, dependable, and cost efficient air scrubber in its class. Delivering an industry leading 700+ CFM while drawing a mere 2.1 amps, this true HEPA filtration unit does the job quicker and more efficiently than others.

With up to 3 stages of air-filtration available, this multi-function system is ideal for a variety of projects. Documented HEPA performance removes hazardous items from air. With the flexibility of this system, hand-changed filters allow for efficient clearance of dust, mold, pollen, pet-dander, and other debris. Add in its ability for advanced odor and gas filtration and the IAQ 7000 is the most capable unit in its field.

Stackability, strapability and durability make the IAQ 7000 easy to transport, to use on site and to store.

### IAQ 7000 Product Specifications

<table>
<thead>
<tr>
<th>Model Standard</th>
<th>IAQ 7000 with 2 Speed Rocker Switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Optional</td>
<td>IAQ 7000 with Variable Speed Control</td>
</tr>
<tr>
<td>Power</td>
<td>2.1 Amps, 115 V, 60 HZ</td>
</tr>
<tr>
<td>Filtered Air Flow</td>
<td>700 CFM</td>
</tr>
<tr>
<td>Motor</td>
<td>UL Approved</td>
</tr>
<tr>
<td>Duct Sizes</td>
<td>Output 10 inches, Intake 16 inches diameter.</td>
</tr>
<tr>
<td>Primary Filter</td>
<td>HEPA 16 x 20 x 2 inches</td>
</tr>
<tr>
<td>Secondary Filter</td>
<td>Pre-Filter or Odor Filter 16 x 20 x 1 inches</td>
</tr>
<tr>
<td>Optional Filter (In Door)</td>
<td>Odor, Pre-Filter, or Other Filter 16 x 16 x 1 inches</td>
</tr>
<tr>
<td>Dimensions</td>
<td>25.18 x 24.75 x 17.87 inches</td>
</tr>
<tr>
<td>Weight</td>
<td>57.5 lbs</td>
</tr>
<tr>
<td>Power Cord</td>
<td>25 feet</td>
</tr>
<tr>
<td>Auxiliary Outlets</td>
<td>Daisy chain up to 3 units, or connect other equipment</td>
</tr>
<tr>
<td>Circuit Breaker</td>
<td>Resettable GFCI</td>
</tr>
<tr>
<td>Safety Certifications</td>
<td>UL/C pending</td>
</tr>
<tr>
<td>Part Number</td>
<td>IAQ7000CPR (2 Speed) or IAQ7000CPV (Variable)</td>
</tr>
</tbody>
</table>

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Key Features of the IAQ 7000

Usage Basics

Transportation

At Site: The IAQ 7000 may be transported using its Handle. On site, 2 units may be stacked and rolled for transport.

To/From Site: Up to 3 units may be stacked within transportation vehicles. Be certain units are securely placed to avoid movement and possible damage during transport.

On Site Set-Up

Positioning: Place unit with Air Inlet on the side. Unit may be set EITHER on the Wheels opposite its Handle so Air Outlet faces up, or on the Feet opposite its Door Latch so Air Outlet faces out from its side.

Ducting: Both Air Inlet and Air Outlet use standard ducting methods.

Negative Air Ducting: Attach specific required ducting to Air Outlet as needed.

Electrical: Unwrap the power cord completely prior to usage on site. Connect to standard 115 Volt, 60 Hz, grounded outlet. Daisy-Chain up to 3 units using auxiliary outlets on units.

! KEY SAFETY WARNINGS !

When using any electrical equipment, basic precautions should always be practiced, including:

- Never operate electrical equipment in standing water
- Use only as described in this manual
- Unplug unit before changing filters or performing any type of servicing
- Not intended for outdoor use
- Never sit or stand on unit
- Never use unit with damaged power cord
- Never use extension cord with unit
- Always use a GFCI outlet

Read and fully understand these instructions before use. Any questions, please contact your IAQ 7000 distributor for assistance. Or contact Viking Equipment directly at 800-252-5201.
Unit Operation

Manage IAQ 7000 using its Control Panel

**Power Switch:**

*Hi/Low button* is standard. Push to side of desired flow rate.

*Variable Speed Dial* is an option. Rotate to desired flow rate. If fan does not start at very low rate, rotate switch higher until fan starts and back down to desired speed.

**Power Indicator Light:**

Lights up in BLUE when unit is plugged in.

**HEPA Change Light:**

Illuminates when HEPA filter change is required.

**Circuit Breaker Reset Button:**

GFCI circuitry protects unit from sudden ground-out. GFCI also trips when short circuit or overload is detected. When GFCI trips, inspect unit and its surroundings. When deemed clear, push Reset button to restore unit power.

**Auxiliary Outlets:**

One may Daisy-Chain up to 3 IAQ 7000 units using these outlets. A unit may conduct up to 2.1 amps. Other equipment may be plugged into these outlets with amperage limited as described above.

Filter Management

**Filter Basics**

The IAQ 7000 is designed to employ a standard 2-stage filter system. The primary stage is the HEPA filtration level. The secondary stage filter provides for a level of initial filtration. The unit provides the option for a 3rd filtration level of a specific type as needed.

**Filter Types**

**HEPA Filter:** The primary HEPA filter of the IAQ 7000 is sized to handle over 700 CFM flow. The HEPA filter captures 99.97% of particles down to 0.3 microns.

**Secondary Filter:** The secondary filter is also sized to handle maximum air flow. This filter captures larger particles.

**Optional Filter:** The IAQ 7000 is designed to accept an optional filter placed in its door. Filter types used here include Activated Carbon, Odor, a Pre-Filter, or others.

**Filter Replacement**

The “HEPA Change Light” will illuminate when a filter change is required. NOTE: Verify the power switch on the unit is in the “OFF” position before accessing filters.

**Filter Access:** No tools are required to gain access to filters. Simply set the unit on its feet so the door latch is now on top. Unhooking this latch allows the door to be opened providing filter access.
Viking IAQ 7000
READ AND SAVE THESE INSTRUCTIONS

To change Secondary Filter: Open filter access door. Then grasp the side of the filter opposite the door hinge, slide the filter top forward, and lift it up and out. Reverse this process to install the new filter. Closing the access door holds this filter in place.

To change HEPA filter: Remove the secondary filter as per above to access HEPA filter. It is held in place by the now-visible compression frame. To open this, push down firmly on the “Press Here” tag near the edge of the frame while moving the bottom of the side clasp forward to the unlocked position. Unlock one side of frame at a time. DO NOT press down on center of frame, as this could lead to damage. With side clasps in unlocked position, pull the compression frame up as much as possible. The HEPA filter may now be replaced. To close the frame, push down firmly on the “Press Here” tags while moving the bottom of both side clasps back to locked position.

To change Optional Filter: Open filter access door. Rotate the 2 retention latches on the side of the door closest to the unit’s wheels; slide the old filter up and over the open clasps to remove. Reverse this process with a new filter to replace.

The “HEPA Change Light” will illuminate when total filter loading causes flow rate to drop below acceptable level. Changing the secondary filter will often reduce this loading as needed. If it does not, then the HEPA filter requires replacement.

To Order Replacement Filters: Contact your IAQ 7000 distributor to order replacement filters. For information on distributors in your area, call Viking Equipment at 800-252-5201.
Viking IAQ 7000
READ AND SAVE THESE INSTRUCTIONS

Maintenance

Proper maintenance of the IAQ 7000 will ensure continuing class leading performance.

Safety First: Unplug the unit before performing any maintenance. Always wear appropriate gear when installing units on site, changing filters or cleaning units.

Inspect Unit for Damage: Before each use verify that the electrical cord is undamaged. Do not use the unit with a cut or frayed cord. Verify that unit has no punctures through its casing.

Inspect Filters: Before each use inspect the pre-filter. If noticeable dust and dirt accumulation is seen, change pre-filter to ensure maximum airflow. Replace HEPA filter as needed based on indicator light.

Store Properly: Store units indoors. Do not expose to harsh weather.

Warranty

Standard IAQ 7000 Warranty Terms: 1 Year Parts and Labor, 2 Years Labor Only, and 4 Years Unit Housing. Unit must be returned at owner’s expense to:

Viking Equipment Company, INC.
17205 Eucalyptus Street #A3
Hesperia, CA 92345.

If issue is deemed warrantable, unit will be repaired and returned to owner at Viking’s expense. This shipment is available only within the Continental United States.

Warranty Terms Certificate: Find as attachment to this instructions manual. On this certificate, document your IAQ 7000 unit serial number, purchase date, and distributor name. File the completed Warranty Terms Certificate for access if needed.

Troubleshooting

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit will not turn on</td>
<td>Not plugged in GFCI tripped</td>
<td>Plug in unit.</td>
</tr>
<tr>
<td></td>
<td>Motor capacitor is damaged</td>
<td>Reset GFCI</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Replace motor</td>
</tr>
<tr>
<td>Unit will not operate on</td>
<td>Switch is worn</td>
<td>Replace switch</td>
</tr>
<tr>
<td>all speeds</td>
<td>Motor capacitor is damaged</td>
<td>Replace motor</td>
</tr>
<tr>
<td>Unit is making strange</td>
<td>Foreign object in motor</td>
<td>Turn off motor</td>
</tr>
<tr>
<td>noises</td>
<td>Fan is rubbing</td>
<td>&amp; remove object</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Replace fan</td>
</tr>
</tbody>
</table>
Viking IAQ 7000
READ AND SAVE THESE INSTRUCTIONS
Viking IAQ 7000
Limited Warranty Terms Certificate

Document the following items at time of purchase.

IAQ 7000 Unit Serial No. __________________________

Purchase Date: __________________________

Distributor’s Name: __________________________

File this completed Warranty Terms Certificate for access if needed.

WARRANTY INFORMATION
All equipment for warranty MUST be returned to your distributor

WARRANTOR:
VIKING EQUIPMENT COMPANY, INC.
17205 Eucalyptus Street #A3
Hesperia, CA 92345
Toll Free: (800) 252-5201

WARRANTY AND LIMITATION OF LIABILITY
Viking Equipment Co., Inc. (the "Company") warrants to the first end-user purchaser that the equipment and parts thereof, when shipped, will be free from defects in materials and the Company's workmanship. If any such defects exist or later appear, the Company shall provide prompt remedial action, as stated herein, to correct the defect. The Company shall have no obligation or liability under this Warranty unless the customer has obtained a Return Material Authorization (RMA). To get an RMA you must present proof of purchase, by the use of the original sales receipt, Internet Product Registration, or other reasonable and reliable means. To obtain an RMA, call Viking Equipment Company at (800) 252-5201 and ask for the Customer Service Department, which will then issue an RMA number and will arrange for repair or replacement, at our option, according to the following schedule:

This warranty covers Viking Centrifugal Air Movers.

Plastic fan wheels shall be warranted for 90 days from original purchase date.

Year One – 100% labor and parts (all components other than that noted above).

Year Two – Labor only.

Year(s) Three through Four – Only materials and workmanship of the housing are covered

Warranty service shall only be performed by a service provider authorized by the Company.

Freight to the Company is the responsibility of the end-user. The end-user is responsible for normal care and proper return packaging.

Equipment or Parts thereof, manufactured by others are warranted hereunder only to the extent of such manufacturer’s warranty to the Company.

Since after purchase, the Equipment and Parts thereof are under the sole control of the Purchaser, this Warranty is subject to, and shall be applicable only if, the following conditions are met:

a. The Company's instructions as to usage, operation and maintenance have been followed;

b. The Equipment and Parts thereof, have been used under normal indoor operating conditions.

c. The Equipment and Parts thereof have been correctly operated and maintained and have not been damaged by misuse, neglect, or accident.

d. The purchaser has not attempted or performed corrective work or change on the Equipment and/or Parts thereof.

e. The Company shall have received notice (RMA Request) of any defect no later than thirty (30) days after the Purchaser first had knowledge of the same.

This warranty is in lieu of any and all other warranties, expressed, implied or statutory including, without limitation, warranties of merchantability and fitness for a particular purpose or use.

LIMITATION OF LIABILITY
THE COMPANY SHALL HAVE NO LIABILITY WHATSOEVER IN ANY EVENT FOR PAYMENT OF ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, WITHOUT LIMITATION, WATER DAMAGE (THE END-USER SHOULD TAKE PRECAUTIONS AGAINST SAME), LOST PROFITS, DELAY, OR LOSS OF USE, OR DAMAGES FOR INJURY TO ANY PERSON OR PROPERTY. BY ACCEPTING THE EQUIPMENT AND/OR PARTS THEREOF, THE FIRST END-USER PURCHASER OR SUBSEQUENT USER AGREES THAT THE COMPANY SHALL NOT BE LIABLE FOR INDEMNIFICATION OR CONTRIBUTION (IN WHOLE OR IN PART) EITHER EXPRESSLY OR BY IMPLICATION.

IF FOR ANY REASON ANY OF THE FOREGOING PROVISIONS SHALL BE INEFFECTIVE, THE COMPANY'S LIABILITY FOR DAMAGES ARISING OUT OF ITS MANUFACTURE OR SALE OF ITS EQUIPMENT OR PARTS, OR USE THEREOF, WHETHER SUCH LIABILITY IS BASED ON WARRANTY, CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL NOT IN ANY EVENT EXCEED THE FULL PURCHASE PRICE OF SUCH EQUIPMENT AND PARTS THEREOF.

Any action against the Company based upon any liability or obligation arising from or under any law applicable to the sale of its Equipment or Parts, or the use thereof, must be commenced within six months after the cause of such action arises.

www.vikingairmovers.com