

Owner's Manual – Viking IAQ 7000 Air Scrubber

Read and Save These Instructions

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

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

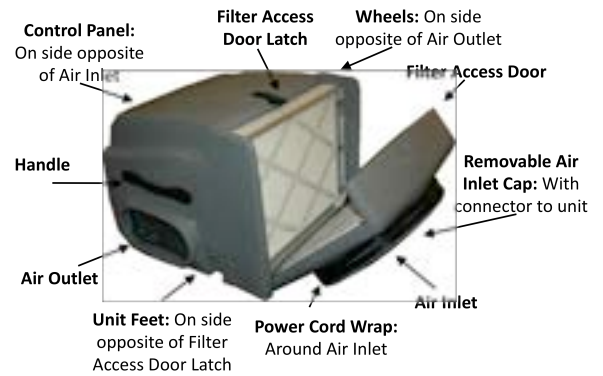
Viking IAQ 7000
READ AND SAVE THESE INSTRUCTIONS

Table of Contents

1. Introduction	Page 1
2. IAQ 7000 Product Specifications	1
3. Key Safety Warnings	2
4. Key Features of the IAQ 7000	2
5. Usage Basics	
a. Transportation	2
b. On Site Set-Up	2
c. Unit Operation	3
6. Filter Management	
a. Filter Types	3
b. Filter replacement	3-4
7. Maintenance	5
8. Troubleshooting	5
9. Warranty Information	5

Key Features of the IAQ 7000

See photo for location of Key Features:



Usage Basics

! 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.

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.

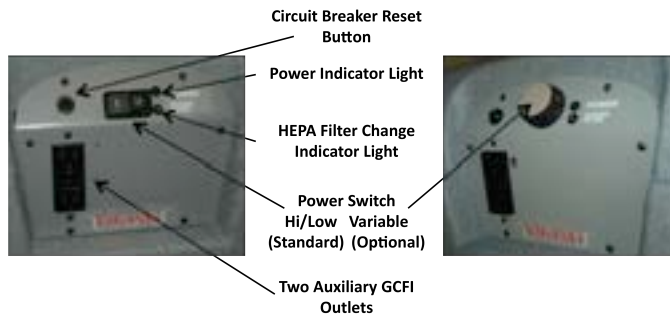
Electrical: Unwrap the power cord completely prior to usage on site. Connect to standard 115 Volt, 60 Hz, grounded outlet. Daisy-Chain up to 3 units using auxiliary outlets on units.

Viking IAQ 7000

READ AND SAVE THESE INSTRUCTIONS

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.

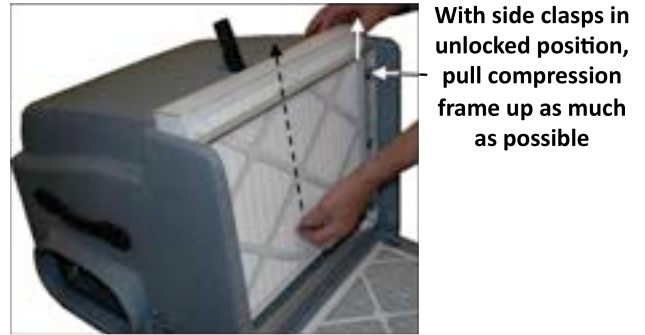
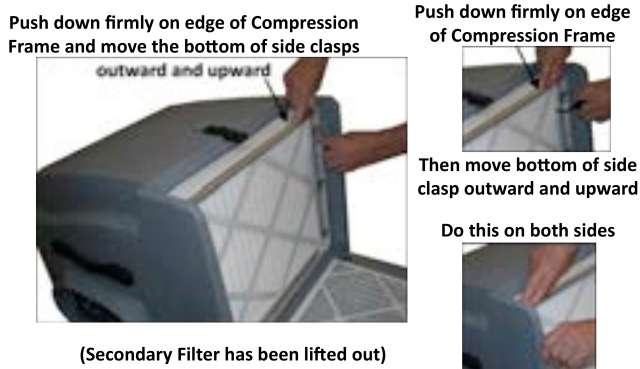
Viking IAQ 7000

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.

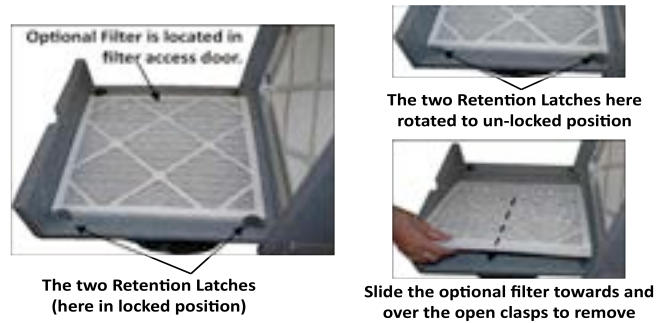


To change HEPA filter: Remove the secondary filter as per above to access HEPA filter. It is held in place by the now-visible compression frame. To open this, push down firmly on the “Press Here” tag near the edge of the frame while moving the bottom of the side clasp forward to the unlocked position. 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.



Remove HEPA Filter by sliding it out from behind raised compression frame through the top

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

Symptom	Problem	Solution
Unit will not turn on	Not plugged in GFCI tripped Motor capacitor is damaged	Plug in unit. Reset GFCI Replace motor
Unit will not operate on all speeds	Switch is worn Motor capacitor is damaged	Replace switch Replace motor
Unit is making strange noises	Foreign object in motor Fan is rubbing	Turn off motor & remove object Replace fan

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.

- 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.

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.



www.vikingairmovers.com

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: