

# IONIZER HEPA AIR CLEANER

## Model 90953

### ASSEMBLY AND OPERATING INSTRUCTIONS



3491 Mission Oaks Blvd., Camarillo, CA 93011

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For technical questions and replacement parts, please call 1-800-444-3353

## Specification

ITEM	DESCRIPTION
Construction	Thermoplastic Housing, Open Cell Foam, & HEPA Filter
Color	Navajo White and Grey
Output Volume	100 M/H (High) 50 M/H (Low)
Input Power	110 VAC/ 60 Hz
Dimensions	9" Dia. (Top) -11-1/2" Dia. (Bottom) X 12-3/4" H

**Air Cleaner Effective Coverage: 1696 Cubic Feet**

### Save This Manual

You will need the manual for the safety warnings and precautions, assembly instructions, operating and maintenance procedures, parts list and diagram. Keep your invoice with this manual. Write the invoice number on the inside of the front cover. Keep the manual and invoice in a safe and dry place for future reference.

### Safety Warnings and Precautions

**WARNING: When using this product, basic safety precautions should always be followed to reduce the risk of personal injury and damage to equipment.**

**Read all instructions before using this product!**

1. **Keep children away.** Children must never be allowed to handle this product. Do not allow anyone to insert anything into the machine body.
2. **Disconnect power.** Unplug this product when not in use. When in use, place the Air Cleaner a minimum of 12 inches from the wall.
3. **Avoid unintentional starting.** Be sure the switch is in the OFF position when not in use and before plugging in. Be sure the switch is OFF and the unit is unplugged when replacing the filter and cleaning.
4. **Stay alert.** Watch what you are doing. Use common sense. Do not change filters on this product when you are tired.
5. **Check for damaged parts.** Before using this product, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Replace or repair any broken parts and any other condition that may affect proper operation. Any part that is damaged should be properly repaired or replaced by a qualified technician. Do not use this product if any switch does not turn ON and OFF properly.

6. **Replacement parts and accessories.** When servicing, use only identical replacement parts. Use of any other parts will void the warranty. Only use accessories intended for use with this product.
7. **Avoid electrical accidents.** This Cleaner is intended for indoor areas only and is not to be used in damp areas. Never use this product in a bathroom or any other area where accidents involving water and electric shocks could occur. Check with your Physician before using this Air Cleaner in a nursery.

## Unpacking

When unpacking, check to make sure the following parts (shown on page 5) are included. If any parts are missing or broken, please call Harbor Freight Tools at the number on the cover of this manual.

## Operation

The HEPA filter silently removes dust, smoke, pollen, and odors from pets or cooking. The Control Panel (7) has a Speed Control and a Programmable Timer. The Programmable Timer allows operating time from 1/2 hour to 7-1/2 hours.

### Operating Instructions

1. Locate the Air Cleaner on a flat, solid surface such as a table or floor. Plug the Air Filter into an electrical outlet. Press the ON switch on the Control Panel (7). The Power Light on the Control Panel will come on indicating that the Air Filter is operating. *(See Figure 1).*
2. To set the timer: press the "Timer Control" button until the desired Timing Light (or combination of lights) lights up on the Control Panel (7). You can set the Speed Control to High or Low by pressing the Speed Control button once or twice until the desired speed is indicated by the light. *(See Figure 1).*

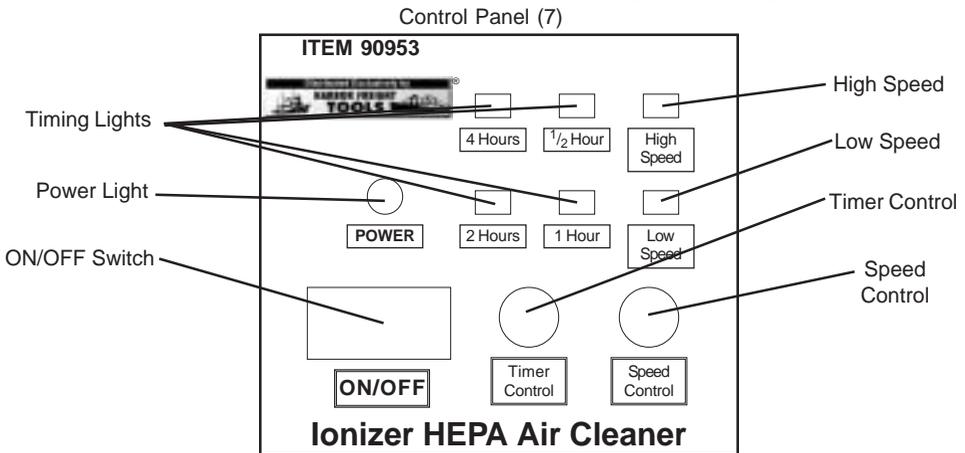
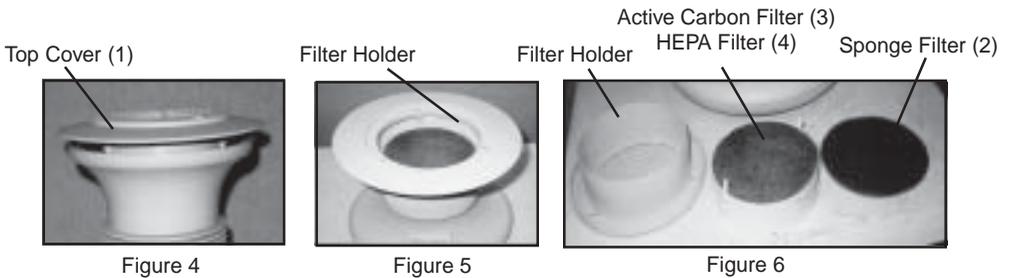


Figure 1

3. **Changing the Filter.** Unplug the Air Cleaner from the electrical outlet. Remove the Top Cover (1). Lift out the Filter Holder. The first layer is a Sponge Filter (2). (After a period of time, this Filter can be washed with slightly soapy water. Be sure to dry it completely before reinserting). The next layers are the Active Carbon Filter (3) and HEPA Filter (4). Reverse instructions to replace the Filters. After the unit is reassembled, plug the electrical cord back into the electrical outlet. Change the HEPA Filter about once every 6 months. (See Figures 4, 5, 6).



4. **Ion Testing.** With the Power ON, hold the Ion Tester (8) on the area marked for your thumb. Hold CLOSE (1 or 2 inches) to the Ionizer (6). The Light on the Ion Tester (8) should shine, indicating that the Air Filter is operating properly. **Caution: Do not insert the Ion Tester (8) into Ionizer.** If the light does not come on, replace the Ionizer (6) or see a qualified repairman. (Figure 7)

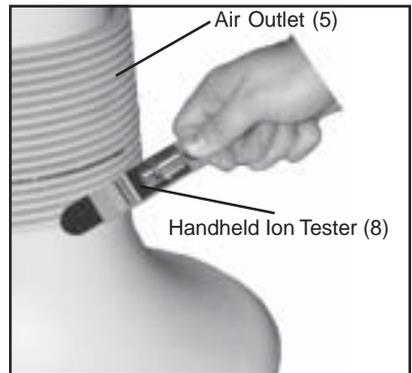


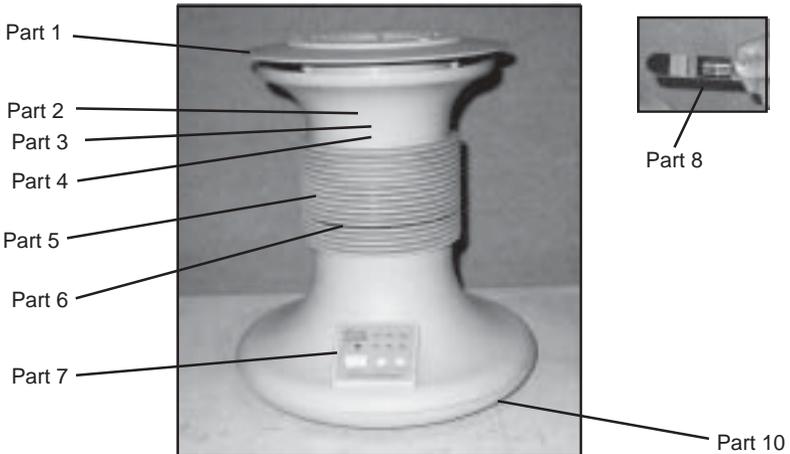
Figure 7

## Maintenance

1. When cleaning the shell, use a soft damp cloth and no chemical cleansers.
2. Avoid vibration and impact.

# PARTS LIST

PART #	DESCRIPTION	QTY.
1	Top Cover	1
2	Sponge Filter (internal, not shown)	1
3	Active Carbon Filter (internal, not shown)	1
4	HEPA Filter (internal, not shown)	1
5	Air Outlet	1
6	Ionizer	1
7	Control Panel	1
8	Ionizer Tester (handheld)	1
9	Rubber Feet (underneath)	3



**PLEASE READ THE FOLLOWING CAREFULLY**

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER NOR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

**NOTE:** Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.