

## SPECIFICATIONS

The **Americaire Model 7500 HEPA Air Filtration System** is designed for indoor air quality improvement situations where high capacity is required. Following are the specifications for this model:

**CLASSIFICATION:** Central H.E.P.A. 100% Sealed Air Cleaning Device. C.S.A. Approved

**MATERIALS:** 18 gauge satin coat steel

**FINISH:** Powder coated baked enamel

**COLORS:** meteorite

**INTAKE (Section):** 14" duct fitting on top

**OUTFLOW (Section):** 8" duct fittings on side

**DIMENSIONS:** 17.25" W 28"L 33"H

**H.E.P.A. SURFACE AREA:** 200 sq.ft.

**WEIGHT:** 82 lbs.

**AIR FLOW (C.F.M.):** 1300

**POWER CONSUMPTION:** 320 Watts

**MOTOR/FAN:** Thermally protected Class "B" insulated motor  
Designed for continuous operation.

Run tested for 50,000 hours

Service: 120 Volt, 60 Hz or 200/230 Volt, 50/60 Hz

**CONTROL:** On/Off Switch

**FILTER LIFE:** Stage 1: Foam Filter: 12 months

Stage 2: H.E.P.A. Filter: 2-5 years

Stage 3: V.O.C. Filter: 6-12 months

**Manufactured by:**  
**AMERICAIRE CORPORATION**  
770 Gana Court  
Mississauga, Ontario, Canada L5S  
1P1 Tel: (905) 565-9488 Fax: (905)  
565-9866 [www.amaircare.com](http://www.amaircare.com)

# Product Information and Owner's Manual

## Model 7500 HEPA Air Filtration System

Read and keep this manual for  
reference purposes



**amaircare**  
*Cleaning the air you breathe.*

## APPLICATIONS

To optimize the performance of your AMAIRCARE HEPA AIR FILTRATION SYSTEM, it should be installed by a professional heating and ventilation contractor who is familiar with your indoor air quality situation and the operation of other heating, ventilation and air conditioning equipment that you may have.

## AMERICAIR CORPORATION - PARTS LIST

The following are the item numbers for the various filter replacement components needed to ensure long-term optimum performance from your **AMERICAIR HEPA Air Filtration System**. To order, please contact your Dealer directly or call the factory to obtain the name of the Dealer nearest to your location.

<b>ITEM NUMBER</b>	<b>REPLACEMENT PARTS DESCRIPTION</b>
<b>90-A-16ME-ET</b>	<b>16" ET HEPA Filter Replacement</b>
<b>93-A-16ST00-ET</b>	<b>16"ET Standard Annual Filter Kit</b> (Includes 1 Foam Pre-filter and 2 Carbon Inner Blanket)
<b>93-A-16PL02-ET</b>	<b>16"ET Plus Annual Filter Kit</b> (Includes 1 Foam Pre-filter and 1 100% Carbon VOC Canister)
<b>93-A-16PL05-ET</b>	<b>16"ET Plus Annual Filter Kit - Formaldezb</b> (Includes 1 Foam Pre-filter and 1 100% Formaldezb Carbon VOC Canister)
<b>94-A-1602-UL</b>	<b>16" ULTRA VOC Cartridge - 100% Carbon</b>

## FILTER MEDIA

There are three stages of filtration in the **AMAIRCARE<sup>®</sup> Air Filtration System**. Air is drawn into the unit through the pre-filter door and is exhausted through the duct opening above the fan compartment. The three stages of filtration are as follows:

**STAGE 1:** In the first stage the air passes through a foam pre-filter. This stage of filtration removes larger particles such as dust and dander.

**STAGE 2:** After passing through the pre-filter, the air then moves through a high efficiency particulate removal filter. The “**HEPA**” (High Efficiency Particulate Arrestance) filter media is laser tested to remove 99.97% of the particles in the air stream down to a size of 0.3 microns. Particles of concern which are normally in this size range include pollen, household dust, cigarette smoke, bacteria, molds, etc.

**STAGE 3:** The clean air stream then passes through a 1/2” inner blanket of activated carbon impregnated non-woven polyester filter material. This final stage of filtering adsorbs additional gaseous contaminant’s such as odors and toxic fumes.

## SERVICE LIFE

The useful service life of the filter media in the **AMAIRCARE<sup>®</sup> Air Filtration System** is directly related to the volume of air passed through the system and the amount of contaminant’s in the air. In a typical residential application, the Stage 1 pre-filter should be washed every 3 months and replaced every year (or as needed depending on the visible amount of contaminates) The Stage 2 HEPA filter should retain peak performance for a period of two to five years, again, depending on the amount of particulate in the air and the maintenance of the Stage 1 pre-filter. The Stage 3 filter media should be replaced every to six months to 1 year.

## HEPA AIR FILTRATION SYSTEMS

Congratulations! You will quickly realize that you have purchased the most effective air cleaning and treatment system available anywhere. It incorporates “state of the art” **HEPA** (High Efficiency Particulate Arrestance) technology. This is the equipment that respiratory specialists recommend.

Your **AMAIRCARE<sup>®</sup> Air Filtration System** comes with a limited warranty. With proper attention to its care and maintenance, you will receive a lifetime optimum performance.

If your indoor air has abnormally high concentrations of particulate, odors or toxins, the life span of the filter media may be shortened. Excessive particulate in the air will reduce the expected life of the **HEPA** filter as it will ultimately restrict the flow of air through the unit. Under normal conditions the **HEPA** filter will last from two to five years, and its ability to remove very small particulate actually improves with use. The activated carbon media has a finite limit as to the amount of odor or other gaseous toxins that it can absorb. Again, the higher the concentrations, the shorter the expected life. Normally, the first stage pre-filter should be washed every 3 months and replaced every 12 months.

As indicated above, the **HEPA** filter’s particulate removal efficiency improves with use. However, the air flow through the HEPA filter media will ultimately begin to decrease, thus lowering its ability to circulate and clean as much air as when it was new. If the air flow through your unit is noticeably reduced, you can inspect the **HEPA** filter by removing it and seeing if the filter paper is darkened on the inlet or outer side. If it is, the filter cartridge should be replaced.

Please contact your local Amaircare<sup>®</sup> dealer or call **Americair** Corporation Customer Service Department at (905) 565-9488 regarding replacement of filter media, warranty information or if you have any questions or concerns about the performance of your **AMAIRCARE<sup>®</sup> Air Filtration System**.

## OPERATING INSTRUCTIONS

With proper care and maintenance, you will enjoy many years of service and dramatically improve the quality of your indoor air. The **AMAIRCARE® HEPA Air Filtration System** is designed to operate continuously.

### INSTRUCTIONS

1. Plug the unit into a grounded outlet 120 Volt, 60 Hz (or 230 Volt, 50/60 Hz depending on the area in which the unit was sold).
2. Turn the unit on by rotating the control dial clockwise until you hear or feel it click.
3. The unit will come on in the “HIGH” position. To Reduce the air flow, continue to rotate the control dial clockwise.
4. To turn the unit off, rotate the dial counter-clockwise past the “HIGH” position until you hear or feel it click.

### CAUTION!

1. Make sure that the line cord is not in the path of people walking or where anything can be rolled over it.
2. Locate the unit such that there is no possibility of moisture dripping on it. Moisture could leak into the unit and damage the filter or electrical components.
3. The Air Filtration System discharges clean air through the outflow collars on the side.

**NOTE: You may notice a slight “new” smell from the Air Filtration System when you first turn it on. This is normal and harmless and it will dissipate within a few days.**

## FILTER REPLACEMENT INSTRUCTIONS

The **AMERICAIR HEPA Air Filtration System** is designed to run continuously. To ensure optimal performance, please carefully follow the Product Information and Owner’s Manual Instructions.

### FILTER REPLACEMENT INSTRUCTIONS:

1. Read these instructions completely.
2. Turn the unit ‘off’ and unplug it from the power supply outlet.
3. Remove the safety screw from the front of the unit (located at the top)
4. Lift the front door of the unit up and pull it out to remove it from the unit. This will allow access to the filter compartment.
5. Remove the **HEPA** cartridge(s) from the unit by turning it counter clockwise and lift out. NOTE: The foam pre-filter and the HEPA filter will contain contaminants. Remove them slowly from the unit in order to avoid dusting.
6. To remove the first-stage filter simply lift the foam from the bottom, pull it off. Wash if desired, or replace with new
7. To replace the first stage filter pull the foam filter over the **HEPA** cartridge and gently pull it down until it completely covers the HEPA filter (white portion).
8. To replace the 3rd stage V.O.C. filter, fold the ends of the old Inner Blanket in, and remove it from the unit. Insert the new Inner Blanket inside the HEPA Cartridge with the edges overlapping. Once it is in position gently spread the Inner Blanket against the HEPA filter until the two ends of the blanket meet.
9. Replace the **HEPA** cartridge, complete with the new pre-filter and inner blanket (if changed) into the unit. Turn HEPA filter clockwise until it locks into position.
10. After the filter(s) has been replaced, replace the front door, and replace the safety screw.
11. Plug in the unit and turn it on.

#### **HEPA Filter Replacement**

*As the HEPA filter captures particulates, it will darken over time. Replace the HEPA filter when it darkens to example D.*

