



Airistar® 1000 Air Purifier

Owners Manual

Warranty Information

Airistar Technologies, L.L.C. warrants that this product will be free from defects in workmanship and materials. Liability under this warranty and the buyers remedy under this warranty are limited to servicing or replacing, at Airistar Technologies'® discretion, at the factory or at an authorized Airistar® distributor; any product, which shall, under normal use and service, be determined by the company to have been defective in material or workmanship.

The complete assembly (excluding all filters, UV lamps, lamp ballast, casters and lid grill) shall be warranted for a period of 5 years from the purchase date.

Filters, UV lamps, lamp ballast, casters and the lid grill shall be warranted against defects in parts, materials and workmanship for a period of 90 days from purchase date.

A condition of this warranty is that this equipment, or any parts or accessories claimed to be defective, be returned (with Airistar Technologies' prior authorization) freight prepaid to Airistar Technologies®.

Any service other than lamp or filter replacement (using Airistar® parts) without the written authority of Airistar Technologies® or its authorized agents voids this warranty.

Damage to any assembly or part through misuse, neglect, accident or using non-standard accessory attachments or by any customer modification voids this warranty.

Airistar Technologies® shall not be liable for any incidental, special, or consequential loss, damage or expense, directly or indirectly arising from the use of its products.

This constitutes the warranty in its entirety. No agent, employee, or representative of Airistar Technologies® has the authority to bind Airistar Technologies® to any additional affirmation, representation, or warranty concerning its products. Such representation shall not be enforceable.

07/05 SPB

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Chapter

1

Product Introduction

General information on the Airistar® 1000

Congratulations on the purchase of your new Airistar® air purification unit. Your purchase of this product attests to the importance you place upon the quality of air that you and those around you breathe.

Please acquaint yourself with your new system by spending just a few minutes with this manual. Learn about the operation of your system and the small amount of maintenance required to keep your unit operating at its highest efficiency.

TROUBLESHOOTING

Troubleshooting

Unit does not operate:

- Check power switches.
- Check that the unit is plugged in.
- Check electrical outlet or circuit breakers.
- Ensure the lid is securely fastened.
- Be sure to remove bubble wrapped prefilter from the unit and re-install the pre-filter in the bottom of the unit.
- Contact your distributor or Airistar® customer service.

Unit emits unusual noises or smells:

- Turn off and unplug the unit.
- Contact your distributor or Airistar® customer service.

Note:

When contacting your distributor or Airistar® customer service for assistance or service, you will need to provide a description of the problem along with your unit's model and serial numbers, which are located on the back of your unit.

Airistar® Customer Service

+1 800-755-8006 or +1 847-775-8018

www.airistar.com

Chapter

4

Troubleshooting Procedures

Describes troubleshooting procedures for the Airistar®1000

PRODUCT INTRODUCTION

Airistar® 1000 Air Purifier



HEXAFLOW™ Purification Process:

Stage	Description
1	Electrostatic Pre-filter - Merv 8
2 & 3	Anti-microbial and Pleated Electrostatic Filters
4	HAPA™ - Rated up to 99.97% @ 0.3 microns
5	Activated Carbon Filter (Custom VOC Filters available)
6	Titanium Coated Germicidal Ultraviolet Bulb UV-C

Your new air purification unit utilizes the six stages shown above to strip smaller and smaller particles from the air, creating compounding efficiency. This efficiency is what will create the clean air environment that you require for your home or facility.

PRODUCT INTRODUCTION

Custom VOC Filters Volatile organic compounds (VOCs) are gases that are emitted from certain solids and liquids. Concentrations of many VOCs are consistently higher indoors than outdoors, as VOCs are contained in many household items such as air fresheners, carpeting, cleaning fluids, disinfectants, glues, office equipment, paints, permanent markers and varnishes.

Most VOCs can be handled by our standard Activated Carbon filter, however, there are some odors and VOCs that require an additional filter made of Zeolite material. Should you need a Zeolite filter, please contact your Airistar® distributor.

FILTER MAINTENANCE

Filter Change Notes:

Please use the space provided below to track your filter changes. This will aid you in determining when you last changed a filter and how often you need to change filters based on your environment.

<u>External Pre-filter</u>	<u>Internal Pre-filter</u>
<u>HAPA™</u>	<u>Activated Carbon (VOC) Filter</u>
<u>Germicidal UV-C Bulb</u>	

FILTER MAINTENANCE

Replacing the UV Lamp

Removal

- 1) Unplug the unit.
- 2) Remove all filters from the filter chamber.
- 3) Hold lamp and gently turn until the contacts release from the lamp holders.

Installation

- 1) Using a clean cloth, pick up the UV bulb.
- 2) Insert lamp contacts into socket and gently turn (1/4 turn) until the contacts are fully engaged in the lamp holders.
- 3) Re-install all filters following the instructions on pages 10-15.
- 4) Plug unit into outlet and begin operation.

Replacing the UV lamp



PRODUCT INTRODUCTION

General Precautions

- Turn off unit and disconnect it from all sources of electrical power BEFORE performing any service or maintenance.
- Observe all precaution and warning labels on the unit.
- Do not alter or modify the unit in any way.
- Never place liquids on top of the unit.
- Use non-abrasive cleaning products and do not use excessive amounts of liquid to clean your Airistar® 1000 unit.
- Always place the unit on a flat, rigid surface.
- Please use the power supply cord provided or a power supply cord with the following specifications:
UL Listed (ELBZ) SJT, No. 18 AWG (minimum), VW-1, FT-1, 300 V, 3-conductor cord terminating in a molded attachment plug rated 125 V ac, 15 A (min), grounding type; external cord measures 5.0 – 10.0 ft (1.5 – 3.0 m)
- Always contact an authorized Airistar® distributor for service, or contact Airistar® customer service at +1 800-755-8006 or www.airistar.com.

Chapter

2

Initial Setup

Describes how to turn on and setup the Airistar® 1000 for use

The Airistar® 1000 is very easy to setup for use. Setup involves removing pre-filter and bubble wrap from unit, placing the pre-filter back in the unit (see pg. 11), plugging the unit into an outlet and turning it on.

FILTER MAINTENANCE

Replacing the Charcoal Filter

Removal

- 1) To remove the charcoal filter, pull it straight up from the Airistar® 1000 unit.

Installation

- 1) Insert the new filter in the third position.
- 2) Ensure the color coded label (Red) is facing up and to the left.

Replacing the charcoal filter



FILTER MAINTENANCE

Replacing the HAPA™ Filter

Removal

- 1) To remove the HAPA™ filter, pull it straight up from the Airistar® 1000 unit.

Installation

- 1) Insert the new filter in the second position.
- 2) Ensure the color coded label (Yellow) is facing up and to the left.

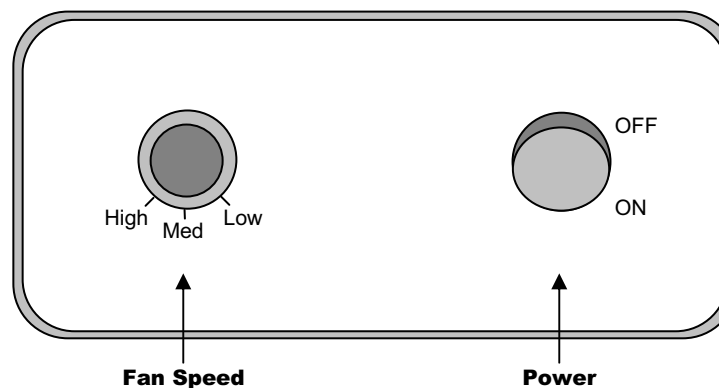
Replacing the HAPA™ filter



INITIAL SETUP

Turning on the Airistar® 1000

Push the **POWER** button down. The fan motor will start on the last setting used and a green light will go on at the front of the unit. The unit retains this setting until it is changed.



To turn off the unit, push the **POWER** button again.

INITIAL SETUP

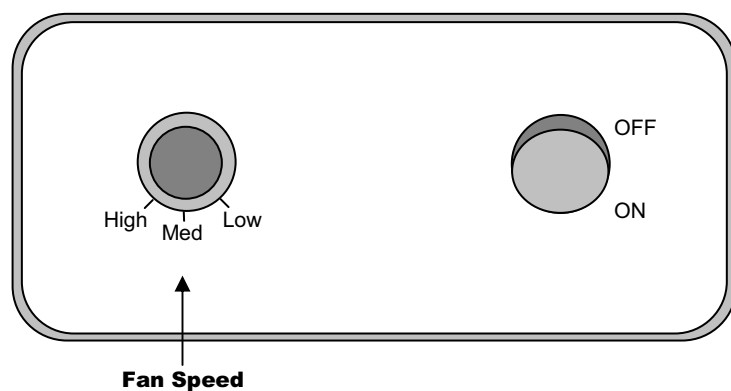
Changing the Fan Speed

The Airistar® 1000 has a manual knob to change the fan speed setting. To change the fan speed, turn the knob clockwise to increase the fan speed and counter-clockwise to decrease the fan speed.

The Airistar® 1000 retains the fan speed setting until it is changed.

A1000 Control Panel

A1000 Control Panel



FILTER MAINTENANCE

Replacing the Internal Pre-Filter

Removal

- 1) To remove the internal pre-filter, pull it straight up from the Airistar® 1000 unit.

Installation

- 1) Insert the new filter in the first position.
- 2) Ensure the color coded label (Green) is facing up and to the left.

Replacing the Internal Pre-filter



Replacing the External Pre-Filter

Removal

- 1) To remove the external pre-filter, pull it out from the bottom of the Airistar® 1000 unit.

Installation

- 1) Position the wire and gasket side of the new filter at the top, or “up” position.
- 2) Slide the filter into the guide rails at the bottom of the unit.

Replacing the External Pre-filter



Filter Maintenance

Information for maintaining and replacing the filters in the Airistar® 1000

The Airistar® 1000 filters should be changed on a regular schedule. The table on the following page lists the part numbers of each filter and the recommended replacement schedules for heavy-duty use environments and lighter-duty use environments.

Heavy-duty use: Heavy Smoke Environments, Casinos, Off-Track Betting, Pool Halls, Bingo Halls, Hospitals, Construction, etc.

Lighter-duty use: Homes, Salons, Offices, Banks, Small Restaurants, Assisted Living, etc.

Filter Replacement Schedule

Filter Type	Filter Part No.	Replacement Schedule Annual Quantity			
		Residential		Commercial	
	Airistar® 1000	Heavy Use	Light Use	Heavy Use	Light Use
External Pre-filter	AF101-1	18/12*	12	24/12**	12
Internal Pre-filter	AF102-1	6	3	4	4
HAPA™ Filter	AF103-1	1	***	2	1
Activated Carbon VOC Filter	AF104-1	4	2	4	3
UV-C Bulb	AE 116	2	2	2	2
* Depends on number/type of pets and smoking. ** Depends on environmental factors such as smoking and other particulate. *** Recommended replacement every 18 to 24 months. Note: Replacement recommendations are based on a 24/7/365 run rate					

Filter Replacement – General Procedures

Follow the procedures below whenever you replace any of the filters or the UV lamps.

- 1) Turn off the unit and disconnect it from all sources of electrical power.
- 2) Allow the blower to stop fully.
- 3) Put gloves on for your protection.
- 4) Unlatch and lift the lid of the unit.
- 5) Unlatch the internal filter lid.
- 6) Remove filters and place in plastic bags for disposal.
- 7) Place new filters in unit; matching color code on filters with the color stickers on the unit to ensure proper installation.
- 8) Close and re-latch lids, re-connect to electrical power and turn the unit on.

Filter Locations

Align filters with associated color guides.

