



# Medical Grade Air Purifier Medical Grade Air Purifier XL

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model #MCAP004US, #MCAP005US



### ATTACH YOUR RECEIPT HERE

**Purchase Date** \_\_\_\_\_ **Serial Number** (located on bottom of unit) \_\_\_\_\_



Questions, problems, missing parts? Contact technical support department at 1-866-484-2066, 8:00 a.m. - 5 p.m., CST, Monday - Friday or visit us online at [www.lifesmartproducts.com](http://www.lifesmartproducts.com)

Please have your model and serial number ready

## TABLE OF CONTENTS

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Package Contents . . . . .	3
Choosing a Location . . . . .	4
Preparation . . . . .	4
Control Panel . . . . .	4
Operating Instructions . . . . .	4
Care and Maintenance . . . . .	5
Changing the Filter . . . . .	6
Safety Information . . . . .	7
Frequently Asked Questions . . . . .	9
Five Year Limited Warranty . . . . .	11
Five Year Pro-Rated Filter Warranty . . . . .	12
Replacement Parts List . . . . .	12

## THANK YOU FOR CHOOSING LIFESMART MEDICAL GRADE AIR PURIFIER

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You've made an excellent choice; Lifesmart Medical Grade Air Purifiers remain the world's most trusted name in portable room air cleaners.

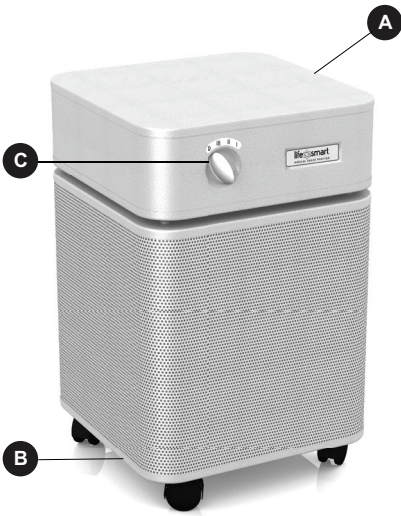
Whether you are using your Lifesmart Medical Grade Air Purifier for relief of asthma and allergy symptoms, or to provide deep, restful sleep, we are confident that you will be completely satisfied with your purchase.

Please take a few minutes to familiarize yourself with important details and safety guidelines outlined in this manual.

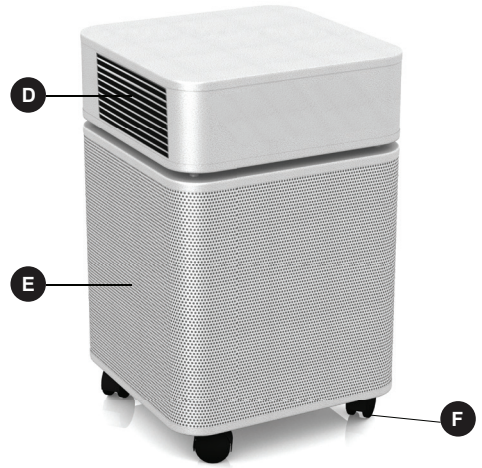
Be sure to register your new air purifier with us online at [www.lifesmartproducts.com](http://www.lifesmartproducts.com).

**You've made a wise choice! Enjoy your Clean Air.**

**PACKAGE CONTENTS**



**Front View**



**Back View**

PART	DESCRIPTION	QUANTITY
A	Air Purifier	1
B	Bottom Cover	1
C	3-Speed Control Switch	1
D	Air Output Vent	1
E	360° Air Intake	4
F	Easy Glide Casters (*XL model only, standard unit has pegs)	1

## CHOOSING A LOCATION

From years of research and experience, we recommend that you place your Lifesmart Medical Grade Air Purifier in your bedroom for several reasons.

Pollution is everywhere and the bedroom is no exception. Today, homes are sealed more tightly to conserve energy. Unfortunately, this seals in allergens, mold, bacteria, chemicals and other contaminants.

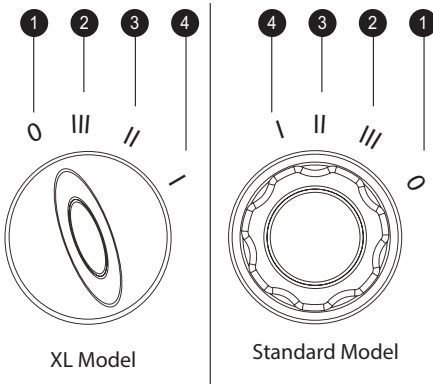
Having your Lifesmart Medical Grade Air Purifier in your bedroom will allow you to wake up rested and refreshed without cold like symptoms, such as a stuffy nose, soar throat or cough; the body symptoms that occur as a result of your body's reaction to a night of breathing contaminated air.

**Get the most from your Lifesmart Medical Grade Air Purifier.**

## PREPARATION

Completely unravel the power cord and place your Medical Grade Air Purifier on a flat, dry, stable surface. Be sure to place your Medical Grade Air Purifier at least four inches from any wall and so the Air Output Vent is facing towards the room. Failure to do so may reduce the air cleaning efficiency. Inspect the power cord for signs of damage before use. If the cord is damaged, **DO NOT use**.

## CONTROL PANEL



PART	NAME	DESCRIPTION
1	OFF Position	Powers OFF the air purifier
2	High Fan Speed	Engages the high fan speed setting
3	Medium Fan Speed	Engages the medium fan speed setting
4	Low Fan Speed	Engages the low fan speed setting

## OPERATING INSTRUCTIONS

1. Unpack and remove all packing material. Be sure to remove your Medical Grade Air Purifier from the plastic bag.
2. Make sure the Speed Control Switch is in the OFF (0) position and plug the power cord into a 120VAC/60Hz wall outlet.
3. Turn the dial on the control panel to one of the three speed settings, High (III), Medium (II), or Low (I). The highest setting will provide the fastest, most powerful air cleaning.

**Note:** It is IMPORTANT that you allow your Air Purifier to operate on High (III) for at least the first hour of use. After the first hour, turn the Speed Control Switch to the desired setting.

## CARE AND MAINTENANCE

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**⚠ WARNING:** Before performing any maintenance task, turn off and unplug the unit.

1. To keep the air purifier clean, clean the outer shell with a soft dry cloth.
2. To remove the dust buildup on the 360-Degree Air Intake, use the brush attachment of your vacuum cleaner.

**CAUTION:** DO NOT let liquid enter the unit.

3. DO NOT use alcohol, gasoline, abrasive powders, furniture polish, or rough brushes to clean the unit. This may cause damage or deterioration to the surface of the unit.
4. DO NOT immerse the air purifier in water.
5. Wait until the unit is completely dry before use.
6. Store the air purifier in a cool, dry location when not in use. To prevent dust and dirt build-up, use the original packaging to repack the unit.

### CHANGING THE FILTER

**⚠ WARNING:** Do not attempt to clean the filter. Washing or cleaning the filter will void the warranty and may cause injury.

**⚠ WARNING:** Do not use the air purifier without the filter assembly in place.

## CHANGING THE FILTER

You will require a large plastic trash bag, a pair of work gloves and a Phillips screwdriver.



**1**

Unplug your air cleaner from the power outlet.



**2**

Turn your air cleaner upside down on a soft surface.



**3**

Using a Phillips screwdriver, remove the four retaining screws from the bottom cover.



**4**

Wearing a protective pair of work gloves, lift the bottom cover off and set aside.



**5**

Carefully remove the filter and dispose in a plastic trash bag.



**6**

Remove the outer pre-filter and dispose in the same plastic trash bag.



**7**

Turn your air cleaner upside down on a soft surface.



**8**

Turn your air cleaner upside down on a soft surface.



**9**

Replace the bottom cover and screw down tightly.



**10**

Turn your air purifier right side up and operate on the High (III) setting for at least one hour.



## SAFETY INFORMATION

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Please read and understand this entire manual before attempting to assemble, operate, or install the product.

### IMPORTANT SAFETY INSTRUCTIONS



**WARNING: POTENTIAL ELECTRICAL HAZARD IF NOT ADHERED TO.** When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

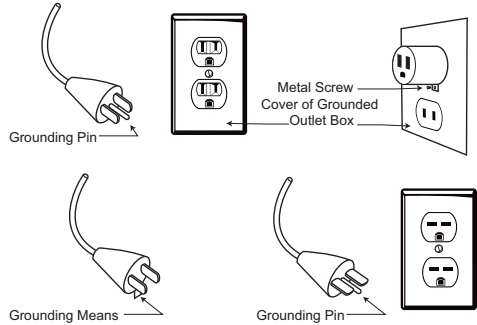
- Read all instructions before operating your Medical Grade Air Purifier.
- Always place your Medical Grade Air Purifier on a firm, flat, dry level surface.
- The Medical Grade Air Purifier must be used in its upright position.
- Keep your Medical Grade Air Purifier away from heated surfaces, open flames, and combustible gases or vapors.
- Keep your Medical Grade Air Purifier and cord out of the way, where it cannot be stepped on or tripped over.
- Before operating your Medical Grade Air Purifier, extend the cord and inspect for any signs of damage. Do not use your Medical Grade Air Purifier if the cord is or becomes damaged.
- Keep your Medical Grade Air Purifier away from water and other liquids.
- Do not run power cord under carpets, and do not cover with throw rugs.
- Always turn your Medical Grade Air Purifier to the OFF (0) position and unplug from the wall before moving it or changing the filter. Be sure to pull the plug and not the cord when disconnecting from the outlet.
- Do not drop, insert or allow any objects to enter into any openings of your Medical Grade Air Purifier. If this occurs, immediately turn off and unplug your Medical Grade Air Purifier and call technical support to speak with a service representative.
- Do not block the air openings on your Medical Grade Air Purifier. Blocking the air openings will decrease the efficiency of your Medical Grade Air Purifier and increase risk of injury.
- Do not use outdoors. Your Medical Grade Air Purifier is intended for indoor use only.
- To avoid the risk of fire, shock or personal injury, do not use an extension cord.
- Do not sit, stand or place heavy objects on your Medical Grade Air Purifier.
- Do not operate your Medical Grade Air Purifier if it malfunctions or becomes damaged in any way.
- Keep out of reach of children.
- DO NOT attempt to repair or adjust any electrical or mechanical functions on your Medical Grade Air Purifier. Doing so will void your warranty. All servicing should be performed by an Authorized Technical Support Representative only.

### SAVE THESE INSTRUCTIONS

**SAFETY INFORMATION**

**⚠ WARNING:** This unit has a voltage rating of 120 volts. The cord has a three-blade, grounding-type plug. An adapter is available for connecting three-blade grounding-type plugs to two-slot receptacles. The grounding lug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. The adapter should not be used if a three-slot grounded receptacle is available.

DO NOT DEFEAT THE SAFETY PURPOSE OF THE GROUNDED PLUG.



**⚠ WARNING:** It is normal for the power cord to feel warm to the touch. However, a loose fit between the outlet and the plug may cause overheating of the plug. If this occurs, try inserting the plug into a different outlet. Contact a qualified electrician to inspect the original outlet for damage.

Specifications: **Medical Grade Air Purifier XL Model# MCAP0004US**

Voltage Rating	120 V (60 Hz)
Power Consumption	135 W
Unit Size	14.5 in. (W) x 14.5 in. (D) x 23.0 in. (H)
Unit Weight	33 lbs.

Specifications: **Medical Grade Air Purifier model# MCAP0005US**

Voltage Rating	120 V (60 Hz)
Power Consumption	135W
Unit Size	11.0 in. (W) x 11.0 in. (D) x 16.5 in. (H)
Unit Weight	14 lbs.



## FREQUENTLY ASKED QUESTIONS

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Please review these frequently asked questions on the next two pages prior to using your air purifier.

### **Q. What exactly is a HEPA filter?**

**A.** The HEPA (High Efficiency Particle Arresting) filter was developed by the US Atomic Energy Commission to filter out sub-micron particles. All True Medical HEPA is laser-tested and must remove a minimum of 99.97% of all particulate matter greater than 0.3 microns in size. A human hair is about 300 times too large to penetrate a HEPA filter.

### **Q. What is a HEGA filter and what does it do?**

**A.** HEGA is unique and stands for High Efficiency Gas Absorption. A HEGA air cleaner combines a HEPA filtration system with an added military carbon cloth filter medium to effectively eliminate over 3,000 gases and odors from the air.

### **Q. What is the CFM rate?**

**A.** The CFM (Cubic Feet per Minute) is the measurement of how much air passes through the unit. For the Medical Grade Air Purifier XL the fan CFM is 400 cfm on high and 75cfm on low. The Medical Grade Air Purifier is 200 cfm on high and 50cfm on low.

### **Q. How many filters are inside the Medical Grade Air Purifier and Purifier XL?**

**A.** There are four filters. The first filter is a pre-filter (known as Permafilt) which is a cotton cloth that lines the inside wall of the unit. The purpose of the pre-filter is to stop hair or large dust particles from clogging the HEPA filter. The second filter is a medium particle pre-filter that filters our medium size particles. The main filter is comprised of two filters, a True Medical HEPA filter and the military carbon cloth filter known as HEGA.

### **Q. What is activated carbon?**

**A.** Activated carbon is effective at removing gas molecules and odors. Activated carbon is the most common element in military gas masks. The most common method of activating carbon is a two-stage steaming process, which enlarges the carbon's surface pore size. This in turn produces a more accessible internal surface area allowing for greater odor and gas adsorption.

### **Q. Where should I place the unit for maximum effectiveness?**

**A.** It can be placed anywhere in a room, including corners, but must be at least four (4) inches from the wall to give consistent effective results. The air cleaner should be placed in the bedroom at night with the door closed in order to produce the best personal results. The best room in the house to use a single machine is the bedroom.

### **Q. Is the air cleaner noisy to operate?**

**A.** Depending on the fan setting used, the noise level ranges from less than 50 and up to 67 decibels, or from the sound of a whisper to the sound of a normal conversation.

## FREQUENTLY ASKED QUESTIONS

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### **Q. Does the unit produce any harmful substances?**

**A.** No. Lifesmart air purifiers do not produce ozone, ions, or negative ions. Ozone is active oxygen and can be dangerous to people's health. This is especially true for people with respiratory problems such as asthma, emphysema, and bronchitis.

### **Q. How much electricity is required to run the standard air cleaner?**

**A.** It uses an ordinary 120 volt outlet. Maximum draw is about 135 watts on the high setting or 1 cent per hour, average cost.

### **Q. What would cause a filter to fill up in less than 5 years?**

**A.** Using the air cleaner in an area having many pets, new carpeting, paint fumes, heavy smoking, urban pollution, photo studio, etc can diminish the filter's life.

### **Q. How do I know when the filter is full and should be replaced?**

**A.** There are two ways to know. First, if you smell a unpleasant odor coming from the unit, the carbon is probably full. Second, if you notice a significantly reduced airflow, it is probably time to replace your filter.

### **Q. Which end of the filter goes in first?**

**A.** Both ends of the filter have a rubber sealing gasket going around it. Because the filter is inserted while the machine is upside down, the end of the filter labeled "Top/Motor Side" is placed label side down into the unit. Please refer to "Changing the Filter". To ensure correct placement, one gasket is very close to the inner edge of the end cap, and the other is closer to the center. The end with the gasket that is closer to the center is the end that goes in farthest from the motor.

### **Q. How can you tell if air is being sucked into the filter if there isn't a place on the unit where you can feel the suction?**

**A.** Air moves through the unit by means of a fan. The unit has been specifically designed to utilize this fan to maximize the air velocity discharging from the unit and to minimize the energy the fan uses sucking air into the filter. This is done by use of a large open area in the screen through which air passes before it goes through the filter. In simplest of terms, air can not come out of the unit unless it passes through the screen and the filter. If you feel air coming out of the louvre, it must be going through the filter.

### **Q. How much space does the air cleaner effectively clean?**

**A.** The Medical Grade Air Purifier XL unit will clean an average bedroom in about 15 minutes with the door closed. In terms of room size, the XL model will clean an extra large room such as a media room or game room, the standard model will clean a medium size room such as a study or bedroom.

### **Q. How reliable is the construction?**

**A.** The entire body of the air cleaner is made of solid steel, which has been welded together to prevent any rattles. The paint used is powder coating, baked at 375 degrees Fahrenheit. This process eliminates any odor or off-gas emissions while enhancing durability.

### **Q. Can wheels be added to the Medical Grade Air Purifier.**

**A.** Yes, wheels can be added as a special order and an additional cost. Please contact customer service for additional information. Note: wheels are standard on the Medical Grade Air Purifier XL model.

## **FIVE-YEAR LIMITED WARRANTY**

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The manufacturer warrants this unit against defects in materials and workmanship on functional parts, for a period of 5 years from the original date of purchase. Your sales receipt showing the date of purchase of the product is your proof of purchase. Keep it in a safe place for future reference.

This product is made with the highest quality materials and is warranted to be free from defects in materials and workmanship at the time of purchase. This limited warranty applies to products manufactured or distributed by the manufacturer, are delivered in North America, and extends to the original purchaser, or gift recipient. This warranty becomes valid at the time of purchase and terminates either by the specified time frame listed above and/or owner transfer. Any refunds or monetary compensations must be claimed through the place of purchase (retailer), and not through the manufacturer. Any extended warranties (warranties that cover above and beyond this manufacturer warranty) that are sold through a retailer or third party, are not directly correlated with this products' limited warranty, and may be redirected to said retailer or third party for coverage.

This warranty extends through the manufacturer of the product, and covers functional parts only. Cosmetics are not covered, unless unequivocally determined it is a workmanship defect. Shipping damage should be addressed with the shipping company, retailer, or place of purchase, not the manufacturer unless the manufacturer was the direct shipper.

The manufacturer's sole obligation under this warranty shall be limited to furnishing the original purchaser replacement unit or replacement parts for units deemed repairable by the supplier's warranty department. The purchaser is responsible for insuring any parts shipped or returned, if desired. The purchaser is responsible to prepay any shipping charges (both ways) including, but not limited to taxes and duties. All exchanged parts and products replaced under this warranty will become the property of manufacturer. The manufacturer reserves the right to change manufacturers of replacement parts or products for use, in order to cover any existing warranty.

The purchaser may be asked to provide the supplier with proof of purchase documents (including the date of purchase) if requested. Any evidence of alteration, erasing, or forgery of proof of purchase documents will be just cause to VOID this limited warranty. Products, in which the serial number has been defaced or removed are not eligible for warranty coverage.

This warranty does not apply if the unit has been subject to negligence, fabrication, misuse, abuse, or repairs, alteration by non-manufacturer authorized personnel, inappropriate installations, or any case beyond the control of the manufacturer. Examples of warranty invalidation may also include, but are not limited to:

- Use of lacquer or paints in (and around) the unit
- Unit placed on non-approved surfaces
- Electrical requirement deficiencies (15-20 amp dedicated outlet)
- Use on extension cords/timers/surge protectors/GFCI
- Outdoor applications
- Normal wear/tear/weathering
- Pet/consumer accidents

The manufacturer shall not be liable for any loss due to use (or misuse) of the unit or other incidental or consequential costs, expense or damages without irrefutable foundations. Under no circumstances shall the manufacturer or any of its representatives be held liable for injury to any person or damage to any property, however arising. Any implied warranty shall have duration equal of the applicable warranty stated above. Specifications are subject to change without notice or obligation.

This limited warranty gives the original purchaser specific legal rights. Other rights may vary from state to state.

## FIVE YEAR PRO-RATED FILTER WARRANTY

The manufacturer's filter warranty is designed to provide the customer with years of worry free operation. Your filter has been designed to last up to 5-years under normal residential use, and features a 5-year pro-rated warranty.

Some household environments are more polluted than others, therefore the useful life of the filter media in your air purifier may be reduced. To address this issue, the manufacturer's pro-rated warranty allows you to receive a discount on your next filter replacement purchase, based on the length of time your filter was used.

If your air purifier is used in rooms with unusually high concentrations of tobacco smoke, sawdust, soot, chemical vapors and/or odors, your filter will need to be replaced more often. In these circumstances, you should replace your filter once your air purifier ceases to emit clean, odorless air. If the odor of the highly concentrated contaminant is present exiting the Air Output Vent, then it is time to replace your filter.

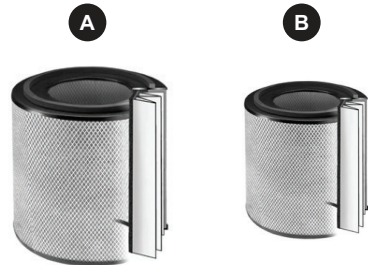
Please Note: The Pro-Rated Warranty is included with every subsequent filter replacement purchase.

To receive a replacement filter at the pro-rated price, please call technical support. If your filter is out of warranty, please contact the retailer where you originally purchased your Lifesmart Medical Grade Air Purifier or Technical Support.

## REPLACEMENT PARTS LIST

For replacement parts, call our technical support department at 1-866-484-2066, 8 a.m. - 5 p.m., CST, Monday - Friday or emails us at [warranty@lifesp.com](mailto:warranty@lifesp.com)

PART	DESCRIPTION	PART #
A	XL Filter Replacement	FR405
B	Filter Replacement	FR205



PLEASE REMEMBER TO REGISTER YOUR WARRANTY:

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email: [registration@lifesp.com](mailto:registration@lifesp.com)

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