

## Who we are

- Membrane Solutions® is a purification brand from the United States, focusing on engineering filtration and advanced purification technology.
- Membrane Solutions® promotes the philosophy of a minimalist lifestyle, returning to nature with clean water and fresh air.
- Membrane Solutions® design product's to be both smart, easy to operate, and practical in appearance and functionality.

## Contact Us

If you require technical assistance, please contact our friendly professional support engineers, who will be pleased to assist you.

4530 B STREET NW #A, AUBURN WA 98001, USA

Website: [www.mspurelife.com](http://www.mspurelife.com)

Phone: 1-866-528-4572

Email: [service@mspurelife.com](mailto:service@mspurelife.com)



# MSB3 Air Purifier



Please retain owner's manual for future reference

## Notes:

Membrane Solutions® MSB3 Air Purifier  
Operators and Maintenance Handbook

**Notes:**

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# Overview

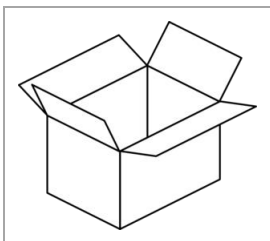
**Note:**

## Getting Started



- Introduction
- System features
- Membrane Solutions® contact details
- Warning & Caution
- Operating Guidelines

## Installation Guide



- System Contents
- Start-up
- Turning on the Purifier

## Operating Guide



- Operating Guide
- Mode Selection
- Filter Replacement
- Troubleshooting Guide
- Warranty

## Warranty

Membrane Solutions® warrants to the customer that its residential air purifiers will be free from defects in material and workmanship under normal use and service for a period of 1 year. We will replace or repair any part of the Membrane Solutions® air purifier that we find to be defective in operation due to faulty materials or workmanship within one year since the date of the original purchase. Used replaceable filter cartridges are excluded.

### General Conditions

Membrane Solutions® obligation to the customer under these warranties shall be limited, at its option, to replacement or repair of items covered by these warranties. Prior to return or repair of covered items, the customer must obtain a return goods authorization number from Membrane Solutions® and, at Membrane Solutions® option, return the item with freight prepaid by the customer.

Damage to any part of this system because of misuse, misapplication, negligence, alteration, accident, installation, or operation contrary to our instructions, this warranty does not cover incompatibility with accessories not installed by Membrane Solutions®, or damage caused by freezing, flood, fire, or Acts of God. In all such cases, regular charges will apply. This limited warranty does not include service to diagnose a claimed malfunction in this unit. This warranty is void if the claimer is not the original purchaser of the unit or if the unit is not operated under normal operating conditions. We assume no warranty liability in connection with this system other than that specified herein. This warranty is in lieu of all other warranties, expressed or implied, including warranties of fitness for a particular purpose. Membrane Solutions® liability hereunder shall not exceed the cost of the product. Under no circumstances will Membrane Solutions® be liable for any incidental or consequential damages or for any other loss, damage or expense of any kind, including loss of use, arising in connection with the installation or use or inability to use the covered items. These warranties are governed by the laws of the state of Washington, USA, and may change at any time without notice.

# Getting Started

## Introduction

Thank you for purchasing the Membrane Solutions® MSB3 Air Purifier. Please contact us for the latest product information, including operator manuals, videos, support materials, and where to purchase items.



The MSB3 is a durable piece of equipment, with proper care it will last for many years. This owner's handbook outlines the installation, operation, and maintenance requirements to sustain perfect product performance.



The MSB3 features a High-Efficiency Particulate Air Filter (HEPA) and Activated Carbon Media, which captures particles with a diameter greater than or equal to 0.3 microns.

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*Website: [www.mspurelife.com](http://www.mspurelife.com)*

*Customer Service: [service@mspurelife.com](mailto:service@mspurelife.com)*

*Toll-Free Phone: 1-866-528-4572*

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The MSB3 can filter out impurities and particles in the air, such as, dust, pollen, cigarette smoke, pet dander, off-odors, and unhealthy vapors.

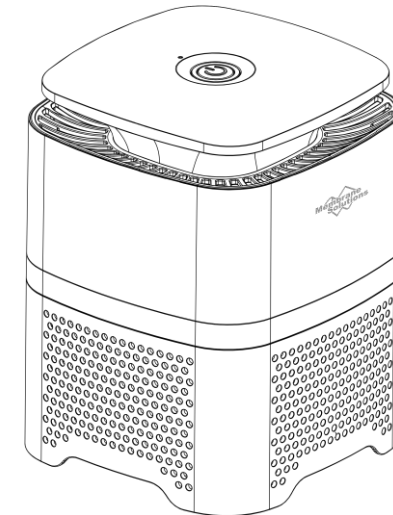
## Warning & Caution

Membrane Solutions® products are designed with safety in mind. However, personnel using this device must be familiar with any potential dangers. All safety information detailed in this handbook should be reviewed before installing and operating this air purifier.

- *This product is not a toy; children must be supervised when using the device. Keep packing materials out of children's reach.*
- *The system has been designed for indoor use only. Install the air purifier out of direct sunlight on a flat, level dry, and secure surface with average ambient room temperature.*
- *Do not touch the power plug AC adaptor with wet hands. Do not use power adaptor if the unit is damaged or the product is not working.*
- *Do not use the device in a place with heavy moisture or smoke. Please keep the device away from flammable gas appliances such as heaters of fireplaces.*
- *Clean the device and remove any dust from the power plug and inlets regular. Unplug the unit when cleaning, do not use strong corrosive detergents of chemicals as they may damage the surface of the device.*
- *Do not obstruct the air inlets or outlets on the device. Do Not wash or reuse the composite filters – Replace with new filters.*

**Warnings and Cautions are provided; Failing to observe these instructions could damage the equipment, associated parts, surroundings, or personal injury.**

Troubleshooting Guide		
	Problem	Possible Solution
6	The red change filter indicator light is flashing	The change filter indicator light will flash each time the filter needs to be changed.
7	If your problem is not listed	Please contact Membrane Solutions® Customer Service



Troubleshooting Guide		
	Problem	Possible Solution
1	The air purifier does not turn on or respond to on/off button	Confirm that unit is plugged into a powered outlet.
		Plug the air purifier power adaptor into a different electrical outlet.
2	Airflow is significantly reduced	Make sure the filter is removed from the packaging. (see page 9)
		Press power button to increase fan speed.
		Filter may be blocked, replace air filter.
3	Air Purifier makes unusual noise while the fan is on	Make sure the air purifier is being operated on a hard, flat, even surface.
		Air filter may be blocked, replace air filter.
		The air purifier may be damaged. Contact Membrane Solutions® customer support.
4	Unpleasant or musty smell coming from the purifier	Do not use in a damp or wet environment, if the filter becomes damp, replace filter and move the air purifier to a dry area.
		The carbon part of the filter may be exhausted, replace air filter.
5	Poor air purification quality	Press power button to increase fan speed.
		Close doors and windows while using the air purifier.
		Make sure the air filter is removed from its packaging. (see page 9)
		Replace the filter.

## Operating Guidelines

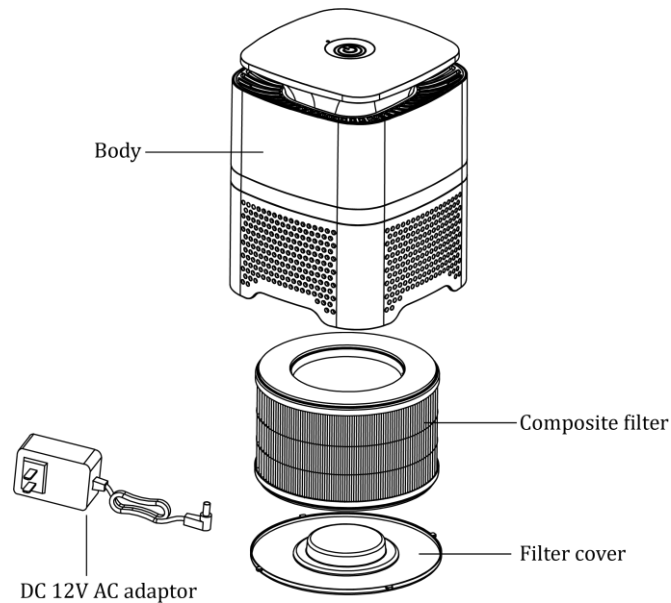
The following table lists the operating parameters for this product. Operating this product outside these specifications may cause system performance issues and may even lead to personal injury and void any warranty. Please contact Membrane Solutions® for further advice and support.

Operating Parameters	
<b>Model</b>	Membrane Solutions® MSB3
<b>Rated Voltage</b>	100~240 Volts AC
<b>Rated Power</b>	3.5 Watts
<b>AC Adaptor Output</b>	12VDC (Please only use the provided power adaptor)
<b>Dimensions</b>	6.7 inches x 6.7 inches x 8.5 inches (170 mm x 170 mm x 216 mm)
<b>Operational weight</b>	2.4 lb (1.1 kg)
<b>Filter Element type</b>	A single composite filter element
<b>Temperature &amp; Humidity</b>	Operating: 32-104°F (0-40°C) 20-90% Storage: 14-140°F (-10-60°C) 20-90%

# Installation guide

## System Contents

Your Membrane Solutions® MSB3 Air Purifier was carefully assembled, packaged, and shipped complete with all the parts you should require.



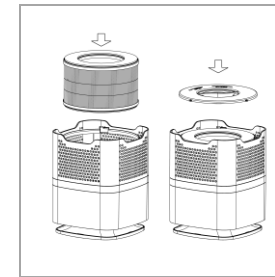
Unsure about something? Is there a problem?  
Please contact Membrane Solutions® via our service email  
or toll-free number.

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## Step 4



Slot the new filter into the base of the purifier. Replace the filter cover and twist in the closed direction to lock it in place. Turn the purifier upright. Plug in the air purifier and follow the Filter reset instructions (See Page 10).

The actual lifespan of the filter may vary depending on the amount of dust, smoke, humidity, and the concentration of other airborne particles and vapors in the air.

Please contact our customer service for purchase options:

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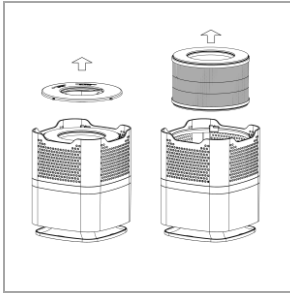
*Website: [www.mspurelife.com](http://www.mspurelife.com)  
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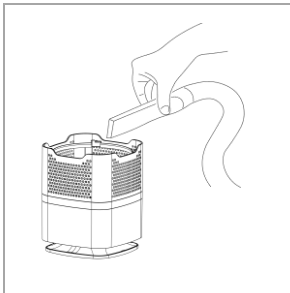
## Filter Replacement

### Step 1



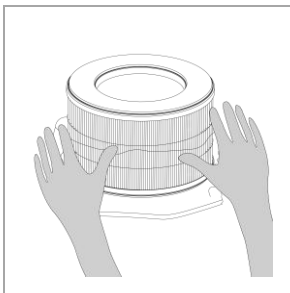
Press the power button until the indicator light turns red, Unplug the power adaptor from the powered outlet, and unplug the air purifier. Invert the air purifier on a soft surface (to avoid scratching the case). Twist the filter cover in the open direction and lift off the filter cover, then remove the old filter.

### Step 2



Clean out any accumulated dust, lint, or hair inside the air purifier using a vacuum hose of dry cloth. DO NOT use water or liquids to clean the air purifier.

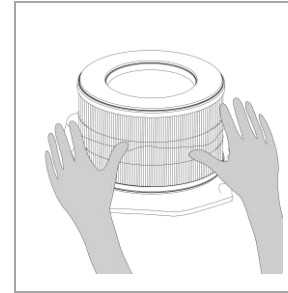
### Step 3



Remove any packing material from the new filter element.

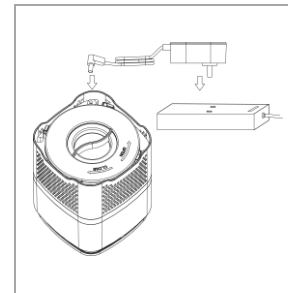
## Start up the System

### Step 1



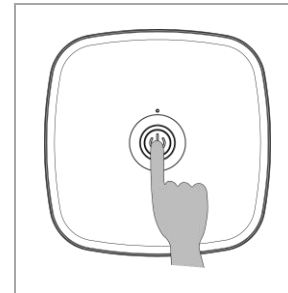
Before using the air purifier for the first time, open the filter cover and remove the composite filter. Make sure to remove any packaging material from the filter element, or the product will not function correctly.

### Step 2



Plug the output of the power adaptor into the port on the bottom of the air purifier. Plug the power adaptor into an electrical outlet, the power button will illuminate red and beep. The air purifier should now be in standby mode.

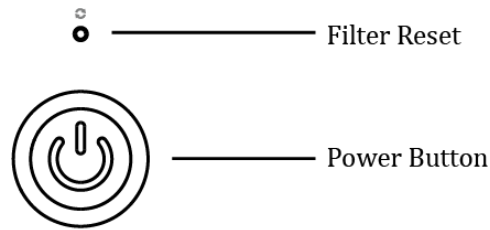
### Step 3



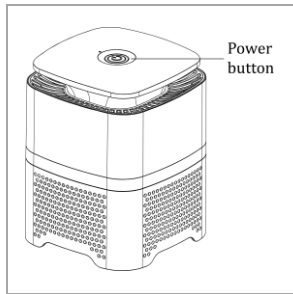
Push the power button once to turn the air purifier on. The air purifier should now be in operating mode at the low fan speed setting.

# Operating Guide

## Control Panel



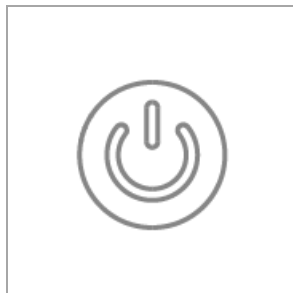
## Power Button



When the power adaptor is first connected to the purifier, the indicator light around the power button will be red, indicating the air purifier is in standby mode.

Press the power button once to turn on the air purifier; the indicator light will now be blue; the unit will operate in the default mode (low) fan speed.

## Operating Mode



Press the power button repeatedly to cycle through the different speed settings.

1 – High Speed –Lighter blue indicator light

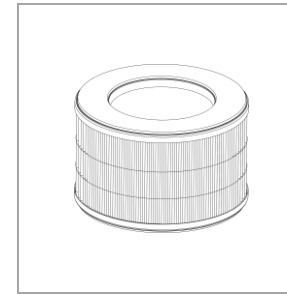
2 – Low speed – Darker blue indicator light

3 – Sleep mode (Low speed) - Blue indicator light flashes 2 times then lights off

4 – OFF – Red indicator light

The corresponding fan speed indicator light will display the current fan speed.

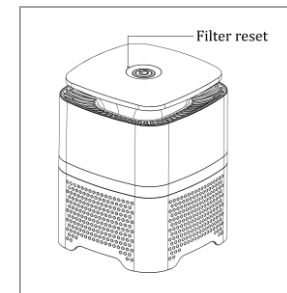
## Filter Timer



The filter element lifespan is dependent on how many hours the air purifier is utilized and which mode of operation is used.

The system automatically monitors the fan speed and operational hours, when the filter lifespan reaches 100% the filter reset button will flash red.

## Filter Reset



When the filter lifespan reaches 100%, the filter reset button will flash red while the unit is operating; Use a paperclip (straighten out the end) or something similar (e.g., toothpick) to press the filter reset button for 3 seconds while in operation mode. The filter reset button will flash red and beep 3 times, indicating the filter life timer has been successfully reset.

The actual lifespan of the filter may vary depending on the amount of dust, smoke, humidity, and the concentration of other airborne particles and vapors in the air.