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Membrane Solutions MS601

Membrane Solutions MS601 Smart WiFi Air Purifier User Manual

Model: MS601 | Brand: Membrane Solutions

Introduction

This manual provides essential information for the safe and efficient operation of your Membrane Solutions MS601 Smart WiFi Air Purifier. Please read it thoroughly before use and retain it for future reference.

Key Features

- **Large Room Coverage:** Purifies up to 3027 ft² in 1 hour or 1410 ft² in 30 minutes (TURBO mode), suitable for various large spaces.
- **Advanced 4-Stage Filtration:** Includes Pre-Filter, H13 TRUE HEPA Air Filter, and Double Layer Activated Carbon Filter, capturing 99.97% of 0.3-micron and 98.29% of 0.01-micron airborne particles.
- **OdallerPure Technology:** Features 470g activated carbon for superior odor elimination, effective against kitchen fumes, smoke, and pet odors.
- **Real-Time Air Quality Monitoring:** AllerGuage and AllerPure technologies provide constant PM2.5 display and allergen pollution levels, with an upgraded anti-allergen filter.
- **Smart Control:** Control airflow, scene modes, set timers (0-12 hours), view filter life and AQI via the free MSPure app, and connect with Alexa voice assistant.
- **Multiple Operating Modes:** AUTO, ECO, TURBO, and SLEEP modes for convenience, energy saving, rapid purification, and quiet operation (21dB in SLEEP mode).
- **Ozone-Free & Certified:** 100% Ozone-Free with ETL, FCC, CARB, RoHS certifications, ensuring safety.

Setup

Unboxing and Initial Preparation

1. Carefully remove the air purifier from its packaging.
2. Locate the filter compartment, typically on the back or side of the unit.
3. Open the compartment and remove the filter. Ensure all plastic packaging is removed from the filter before re-inserting it.
4. Close the filter compartment securely.

Placement

For optimal performance, place the air purifier in a central location within the desired room. Ensure there is at least 15 inches of clearance on all sides of the unit to allow for proper airflow. Avoid placing it directly against walls or furniture that could obstruct air intake or output.



Image: The Membrane Solutions MS601 Air Purifier, a tall white unit with a perforated front panel, shown next to a smartphone

displaying its control app. This illustrates the product's design and smart features.

Operating Instructions

Control Panel Overview

The control panel is located on the top of the unit and features touch-sensitive buttons and a digital display for easy operation.



Image: A close-up view of the top control panel of the MS601 Air Purifier, showing various touch buttons for fan speed, mode, timer, light, Wi-Fi, and filter reset, surrounding a digital display.

Power On/Off

- Press the **Power button** (represented by a circle with a vertical line) to turn the unit on or off.

Operating Modes

- **AUTO Mode:** Adjusts fan speed and indicator brightness automatically based on air quality and ambient light.
- **ECO Mode:** Saves energy by powering off during sustained good air quality.

- **TURBO Mode:** Provides maximum fan speed for rapid air purification.
- **SLEEP Mode:** Ensures quiet operation (21dB) and minimal light for undisturbed rest.

Fan Speed Adjustment

- Press the **Fan Speed button** (represented by a fan icon) to cycle through available fan speeds (1-4).

Timer Function

- Press the **Timer button** (represented by a clock icon) to set an automatic shutdown time from 0 to 12 hours.

Smart Control via MSPure App & Alexa

Download the free MSPure app to control your air purifier remotely. The app allows you to:

- Adjust airflow and scene mode settings.
- Set timers.
- View real-time air quality index (AQI) and filter life.
- Connect with Alexa for voice control.



Image: The MS601 Air Purifier next to a smartphone displaying the MSPure app interface, highlighting the smart control capabilities.

Maintenance

Filter Replacement

The air purifier features a filter life indicator on the control panel and within the MSPure app. For optimal performance, replace the filter when indicated, typically every 6 months depending on usage and air quality.

1. Turn off and unplug the air purifier.
2. Open the filter compartment cover.
3. Remove the old filter.
4. Insert a new Membrane Solutions MS601 replacement filter (search for B0CYNP4QPY).
5. Close the filter compartment cover securely.
6. Press and hold the **Filter Reset button** (represented by a filter icon) for 3 seconds to reset the filter life indicator.



Image: The MS601 Air Purifier in a bedroom setting, with an overlay showing the filter replacement indicator on its display, suggesting a 6-month filter life.

Air Quality Sensor Cleaning

The air quality sensor should be cleaned every 2 months to ensure accurate readings.

1. Locate the air quality sensor cover on the back of the unit.
2. Open the cover and gently clean the sensor with a dry cotton swab.
3. Close the sensor cover.

Specifications

Feature	Detail
Model Number	MS601
Coverage Area (1 Hr)	Up to 3027 ft²
Coverage Area (30 Mins)	1410 ft²
CADR	376 CFM / 639 m³/h

Feature	Detail
Filtration System	4-Stage (Pre-Filter, H13 TRUE HEPA, Double Layer Activated Carbon)
Activated Carbon Weight	470g
Noise Level (SLEEP Mode)	21 Decibels
Connectivity	Smart WiFi, Alexa Compatible
Dimensions (D x W x H)	15.35"D x 14.96"W x 29.92"H
Weight	24 Pounds
Certifications	ETL, FCC, CARB, RoHS

Troubleshooting

- **Unit not turning on:** Ensure the power cord is securely plugged into both the unit and a working electrical outlet. Check if the filter is correctly installed and its compartment cover is closed.
- **Poor air purification:** Verify that the filter is clean and not expired. Replace the filter if necessary. Ensure the air quality sensor is clean and not blocked. Check for proper unit placement with adequate clearance.
- **App connectivity issues:** Ensure your Wi-Fi network is active and the air purifier is within range. Follow the app's instructions for re-pairing the device if connection is lost.
- **Unusual noise:** Check for any obstructions in the air intake or output vents. Ensure the unit is placed on a stable, flat surface.

Warranty and Support

Membrane Solutions offers two years of 100% customer satisfaction. For support or warranty inquiries, please refer to the contact information provided in your product packaging or visit the official Membrane Solutions website.

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