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Accumulair X8796

Lennox X8796 MERV 16 Maintenance Kit User Manual

For PureAir Air Cleaner Model PCO16-28

1. Introduction

This manual provides essential information for the proper use and maintenance of the Lennox X8796 MERV 16 Maintenance Kit. This kit is specifically designed for the Lennox PureAir Air Cleaner Model PCO16-28, ensuring optimal performance and air quality within your environment.
Regular replacement of the components in this kit is crucial for the effective operation of your PureAir system, maintaining its ability to filter airborne particles and reduce odors.

2. Product Components

The Lennox X8796 MERV 16 Maintenance Kit includes the following genuine Lennox replacement parts:

- **1 - MERV 16 Pleated Filter (Model X8789):** This high-efficiency filter captures a wide range of airborne particles, including dust, pollen, mold spores, and pet dander.
- **1 - PCO Metal Insert (Model X8792):** This insert features a titanium dioxide catalyst surface, essential for the photocatalytic oxidation (PCO) process that breaks down odors and volatile organic compounds (VOCs).
- **2 - UV Bulbs (Model X8794):** These ultraviolet lamps work in conjunction with the PCO metal insert to neutralize airborne contaminants.



This image displays the complete Lennox X8796 MERV 16 Maintenance Kit. Visible are the large pleated MERV 16 air filter (model X8789), a foil-wrapped PCO metal insert (model X8792) to its right, and two smaller boxes containing the X8794 UV bulbs in the foreground.

3. Installation and Replacement

For optimum performance and to ensure the longevity of your Lennox PureAir system, it is essential to replace the components of this kit at the recommended intervals. Always refer to your specific Lennox PureAir Air Cleaner manual for detailed, model-specific instructions before proceeding. Ensure the unit is powered off and unplugged before beginning any maintenance.

3.1. Replacing the MERV 16 Pleated Filter (X8789)

1. Locate the filter access panel on your PureAir system.
2. Open the access panel and carefully slide out the old filter. Note the direction of the airflow arrow on the old filter.
3. Insert the new MERV 16 pleated filter (X8789) into the system, ensuring the airflow arrow on the new filter points in the same direction as the original.
4. Close and secure the filter access panel.

3.2. Replacing the PCO Metal Insert (X8792)

Important: DO NOT WASH the metal insert, as this will destroy the titanium dioxide catalyst that coats the insert

surface.

1. With the unit powered off and unplugged, locate the PCO metal insert within your PureAir system.
2. Carefully remove the old PCO metal insert.
3. Unwrap the new PCO metal insert (X8792) and gently slide it into its designated slot.
4. Ensure it is seated correctly.

3.3. Replacing the UV Bulbs (X8794)

1. Ensure the PureAir system is powered off and unplugged.
2. Locate the UV bulb housing. This may require opening an additional access panel.
3. Carefully remove the old UV bulbs. Handle them by the base to avoid touching the glass.
4. Insert the new UV bulbs (X8794) into their sockets. Do not force them.
5. Close any opened access panels.

After replacing all components, plug in and power on your Lennox PureAir Air Cleaner. Reset any maintenance indicators as per your system's instructions.

4. Maintenance Schedule

For optimal performance of your Lennox PureAir Air Cleaner, adhere to the following replacement schedule:

- **MERV 16 Pleated Filter (X8789):** Replace every 12 months, or more frequently depending on usage and environmental conditions.
- **PCO Metal Insert (X8792):** Replace every 24 months.
- **UV Bulbs (X8794):** Replace every 24 months.

Frequent filter changes may be required in high dust environments or homes with pets.

5. Troubleshooting

5.1. Significant Drop in Odor Removal Efficiency

If you notice a significant decrease in the system's ability to remove odors, it is an indication that the PCO metal insert and/or UV bulbs may need replacement sooner than the recommended 24-month interval.

- **Action:** Replace the PCO metal insert (X8792) and the UV bulbs (X8794) immediately.
- **Consideration:** If frequent replacement (more often than every 24 months) is consistently needed, evaluate potential sources of contaminants in your home. Consider implementing source reduction strategies (e.g., reducing use of strong-smelling chemicals) and/or improving ventilation to reduce the overall levels of airborne contaminants.

6. Specifications

Attribute	Detail
Brand Name	Accumulair
Model Info	X8796
Item Weight	7.4 pounds

Attribute	Detail
Product Dimensions	27.5 x 4 x 25 inches
Item Model Number	X8796
Part Number	DPFLX8796
Compatible Device	Air Cleaner (Lennox PureAir Model PCO16-28)
Material Type	Metal
MERV Rating	16
Manufacturer	Lennox
Date First Available	March 4, 2011

7. Warranty and Support

Specific warranty information for the Lennox X8796 MERV 16 Maintenance Kit components is typically provided with the original Lennox PureAir Air Cleaner system or can be obtained directly from Lennox or your authorized dealer. As this is a maintenance kit, components are consumables and may have different warranty terms than the main appliance.
For further assistance, technical support, or to inquire about warranty details, please contact Lennox customer service or visit the official Accumulair Store on Amazon for product information.

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