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› Lennox Healthy Climate X6675 20x25x5 MERV 16 Air Filter Instruction Manual

## HEALTHY CLIMATE X6675

# Lennox Healthy Climate X6675 20x25x5 MERV 16 Air Filter Instruction Manual

Model: X6675 | Brand: HEALTHY CLIMATE

## INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Lennox Healthy Climate X6675 20x25x5 MERV 16 Air Filter. Designed for furnaces, air conditioners, and HVAC systems, this high-efficiency filter helps maintain optimal indoor air quality by capturing a wide range of airborne particles.

The X6675 filter features a carbon-coated fiber matrix, providing enhanced filtration and odor control. Its robust design ensures durability and effective performance in various residential and commercial environments.

## INSTALLATION INSTRUCTIONS

Follow these steps to correctly install your new air filter:

- Power Off:** Before beginning, ensure your HVAC system (furnace or air conditioner) is completely powered off at the thermostat and the main power switch. This is a critical safety step.
- Locate Filter Slot:** Identify the filter slot in your furnace or air handler. This is typically located in the return air duct or within the furnace unit itself.
- Remove Old Filter:** Carefully slide out the old filter. Note the direction of the airflow arrow on the old filter.
- Clean Filter Area:** Use the included Wholesalehome cleaning cloth to wipe down any dust or debris from the filter housing and surrounding areas before inserting the new filter.
- Orient New Filter:** Locate the airflow arrow on the frame of the new Lennox Healthy Climate X6675 filter. This arrow must point in the direction of the airflow towards the furnace/air handler.
- Insert New Filter:** Slide the new filter into the slot, ensuring it fits snugly without bending or forcing. The dimensions of this filter are approximately 19.75 inches x 24.94 inches x 4.38 inches, designed for a nominal 20x25x5 inch slot.
- Restore Power:** Once the new filter is securely in place, close the filter compartment door (if applicable) and restore power to your HVAC system.

**ONLY  
PERIODIC  
MAINTENANCE  
REQUIRED**

(up to 1 Year in Many  
Homes)

**SUPER  
EASY,  
IN-AND-  
OUT**

**BONUS**

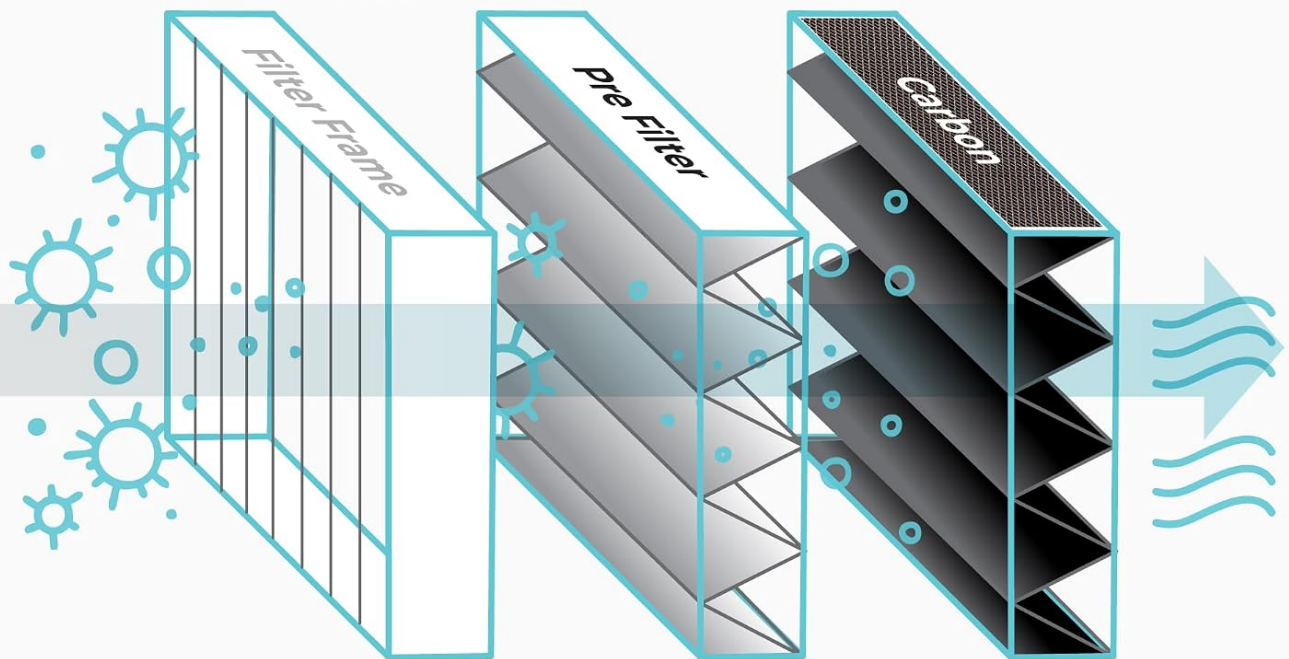
Cleaning Cloth  
Included



**Figure 1: Filter Installation.** This image illustrates the process of inserting the new air filter into the HVAC system. The filter is shown with its pleats visible, and a blue cleaning cloth is positioned next to the unit, emphasizing the importance of cleaning the housing before installation. The filter's sturdy frame ensures a secure fit.

# Multi-Layer Filtering

MERV 16 filter, your superior choice for air purification



**Figure 2: Filter Dimensions.** This image provides the exact measurements of the filter, crucial for ensuring a correct fit in your HVAC system. The "True Fit" dimensions are 19.75" x 24.94" x 4.38", corresponding to a nominal size of 20" x 25" x 5". An airflow arrow is also visible on the filter's frame.

# DIRECT REPLACEMENT

for “Healthy Climate”  
and “Honeywell” systems



**Compatible  
With:**

## **Healthy Climate**

Model #:

- HCC20-28

## **Honeywell**

Model #:

- F25A1068
- F25F1067
- F350F1024
- F100F1038
- F150E1034
- F200E1037

**Figure 3: System Compatibility.** This image illustrates the filter's compatibility as a direct replacement for various Healthy Climate and Honeywell systems. Compatible models include Healthy Climate HCC20-28 and Honeywell F25A1068, F25F1067, F35F1024, F100F1038, F150E1034, and F200E1037.

## OPERATING PRINCIPLES AND BENEFITS

The Lennox Healthy Climate X6675 filter is designed to significantly improve indoor air quality through its advanced filtration technology.

### MERV 16 Filtration

This filter boasts a MERV 16 (Minimum Efficiency Reporting Value) rating, indicating its superior ability to capture microscopic particles. A MERV 16 filter is considered hospital-grade and is highly effective at removing a broad spectrum of airborne contaminants.

- Captures 99.97% of particles as small as 0.3 microns.
- Removes over 95% of particles greater than 0.01 microns.
- Effective against household dust, debris, dust mites, pet dander, pollen, mold spores, lint, and smoke/smog particles.

### Carbon Clean Technology

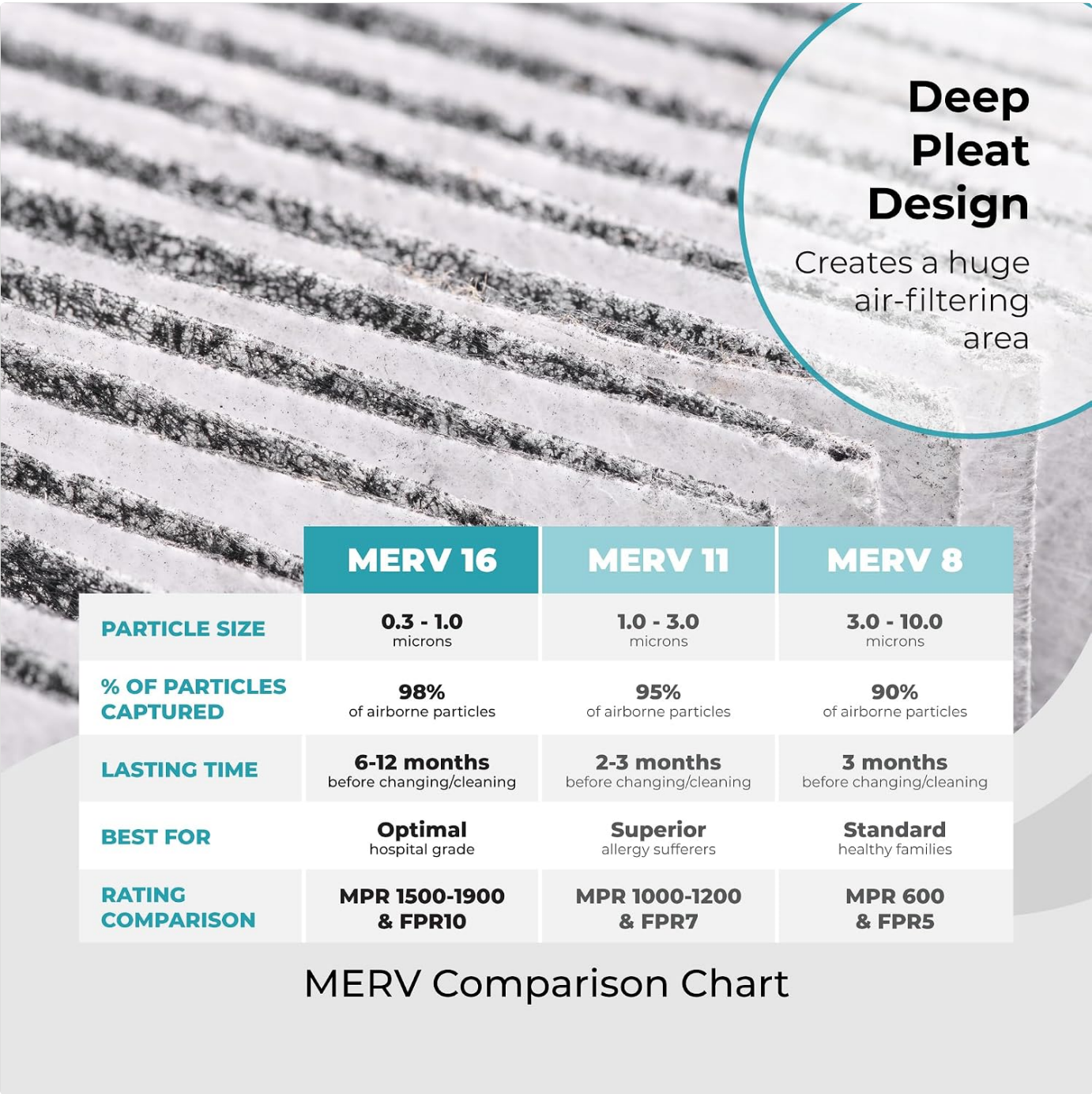
The integrated carbon-coated fiber matrix not only filters particulate matter but also helps to absorb and reduce common household odors, contributing to a fresher indoor environment.

# Breathe Fresh

Removes contaminants throughout your entire home

DIRECT REPLACEMENT  
FOR SYSTEMS  
"HEALTHY CLIMATE"  
AND "HONEYWELL"

**Figure 4: Multi-Layer Filtering.** This diagram visually explains how the filter works, showcasing its multi-layer design including a filter frame, a pre-filter layer, and a carbon layer, all working in conjunction to capture various airborne particles and purify the air.



**Figure 5: MERV 16 Protection.** This infographic highlights the comprehensive protection offered by the MERV 16 filter, detailing its effectiveness against common indoor allergens and pollutants such as household dust, dust mites, pollen, mold, lint, pet dander, and smoke/smog. It emphasizes the filter's high efficiency in capturing particles as small as 0.3 microns.

# MERV Comparison Chart

|                         | MERV 16                              | MERV 11                             | MERV 8                            |
|-------------------------|--------------------------------------|-------------------------------------|-----------------------------------|
| PARTICLE SIZE           | 0.3 - 1.0 microns                    | 1.0 - 3.0 microns                   | 3.0 - 10.0 microns                |
| % OF PARTICLES CAPTURED | 98% of airborne particles            | 95% of airborne particles           | 90% of airborne particles         |
| LASTING TIME            | 6-12 months before changing/cleaning | 2-3 months before changing/cleaning | 3 months before changing/cleaning |
| BEST FOR                | Optimal hospital grade               | Superior allergy sufferers          | Standard healthy families         |
| RATING COMPARISON       | MPR 1500-1900 & FPR10                | MPR 1000-1200 & FPR7                | MPR 600 & FPR5                    |

**Figure 6: MERV Comparison Chart.** This chart provides a detailed comparison of MERV 16, MERV 11, and MERV 8 filters, outlining differences in particle size captured, percentage of airborne particles removed, typical lasting times, and recommended applications. It demonstrates the superior performance of MERV 16 for optimal hospital-grade air quality.

## MAINTENANCE

Regular filter replacement is crucial for maintaining optimal HVAC system performance and indoor air quality.

### Replacement Frequency

The Lennox Healthy Climate X6675 filter is designed for extended use. Depending on environmental conditions, pet presence, and system usage, the filter typically lasts:

- **Standard Use:** 6 to 12 months.
- **Heavy Use (e.g., dusty environments, multiple pets):** Consider checking and potentially replacing every 6 months.

It is recommended to visually inspect the filter periodically. A heavily soiled filter will appear dark gray or black and may restrict airflow, reducing system efficiency.

### Cleaning

The Lennox Healthy Climate X6675 is a disposable filter and is not designed to be cleaned or washed. Attempting to clean the filter can damage its filtration media and reduce its effectiveness. Always replace with a new filter when necessary.

## TROUBLESHOOTING

While air filters are generally straightforward, some issues may arise:

- **Reduced Airflow:** If you notice a significant reduction in airflow after installing a new filter, ensure the filter is correctly oriented with the airflow arrow pointing towards the furnace. Also, check if your HVAC system is older or lower-powered, as MERV 16 filters have higher air resistance than lower MERV filters. Consult your HVAC professional if issues persist.
- **Increased System Noise:** An increase in furnace fan noise after filter replacement might indicate that your system is struggling

with the higher resistance of a MERV 16 filter. Some older systems are not designed for such high-efficiency filters. If this occurs, consult your HVAC system's manual or a professional to determine if a lower MERV rating filter is more suitable for your specific system.

- **Filter Not Fitting:** Double-check the dimensions of your filter slot against the filter's actual dimensions (19.75" x 24.94" x 4.38"). Ensure no debris is obstructing the slot.

## SPECIFICATIONS

|                     |                                                                                                                                                                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Brand Name          | HEALTHY CLIMATE                                                                                                                                                                                                                         |
| Model Number        | X6675                                                                                                                                                                                                                                   |
| Nominal Dimensions  | 20 x 25 x 5 inches                                                                                                                                                                                                                      |
| Actual Dimensions   | 19.75 x 24.94 x 4.38 inches                                                                                                                                                                                                             |
| MERV Rating         | 16                                                                                                                                                                                                                                      |
| Material Type       | Carbon Fiber                                                                                                                                                                                                                            |
| Item Weight         | 8 pounds (approximate, per filter)                                                                                                                                                                                                      |
| Compatible Devices  | Air Conditioner, Furnace, Honeywell: F25A1068, F25F1067, F35F1024, F100F1038, F150E1034, F200E1039, Lennox: HCC20-28, Carrier: EZXCAB020, MACA020, MPKA020, FILCAB022, Trion Air Bear: 453000-001, Supreme 2000, 455602-001, 447380-004 |
| Special Features    | Easy to Install, Carbon Clean, High Efficiency                                                                                                                                                                                          |
| Included Components | Lennox X6675 Furnace Filter, Wholesale Microfiber Cloth                                                                                                                                                                                 |
| UPC                 | 850067184348                                                                                                                                                                                                                            |

## WARRANTY INFORMATION

Specific warranty details for the Lennox Healthy Climate X6675 Air Filter are not provided within this manual. For comprehensive warranty information, please refer to the documentation included with your product packaging or visit the official Lennox Healthy Climate website.

## CUSTOMER SUPPORT

If you have questions regarding the installation, operation, or maintenance of your Lennox Healthy Climate X6675 Air Filter, please consult the manufacturer's official website or the contact information provided on the product packaging. For technical assistance with your HVAC system, it is recommended to contact a qualified HVAC professional.

### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

**Submit question**