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Atomic X6673

Atomic X6673 MERV 11 Air Filter Media for Lennox HCC20-28 Instruction Manual

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of your Atomic X6673 MERV 11 Air Filter Media. Designed for compatibility with Lennox HCC20-28 systems, this filter helps improve indoor air quality by capturing various airborne particles. Please read these instructions thoroughly before proceeding with installation or maintenance.

2. Safety Information

- **Always turn off your HVAC system's power** at the thermostat and the circuit breaker before attempting to replace the air filter.
- Wear appropriate personal protective equipment, such as gloves, to avoid contact with dust and debris from the old filter.
- Keep new and used filters out of reach of children and pets.
- Dispose of used filters according to local regulations.

3. Product Overview

The Atomic X6673 MERV 11 Air Filter is a high-quality replacement filter designed to fit Lennox HCC20-28 air cleaner systems. It is manufactured in the USA and offers superior filtration performance.

3.1 Key Features

- **MERV 11 Rating:** Effectively captures airborne particles as small as 1 micron, including lint, dust, dust mites, pollen, pet dander, mold spores, and smoke.
- **Compatibility:** Direct replacement for Lennox part numbers X5426, X6661, X6673, X6675, X7751, X8304, and X8307.
- **Dimensions:** Nominal size 20" x 25" x 5". Actual size approximately 19.75" x 24.75" x 4.38".
- **Quantity:** Available in a 2-pack for convenient replacement.

- **Made in the USA:** Ensures quality and reliability.

3.2 Filtration Capabilities

The MERV 11 rating indicates the filter's efficiency in capturing microscopic particles. This helps to maintain cleaner indoor air and can be beneficial for individuals with allergies or respiratory sensitivities.



Image: Diagram illustrating the superior filtration quality of MERV 11 filters, showing capture of lint, dust, dust mites, pollen, pet dander, virus carriers, smoke, and mold spores.

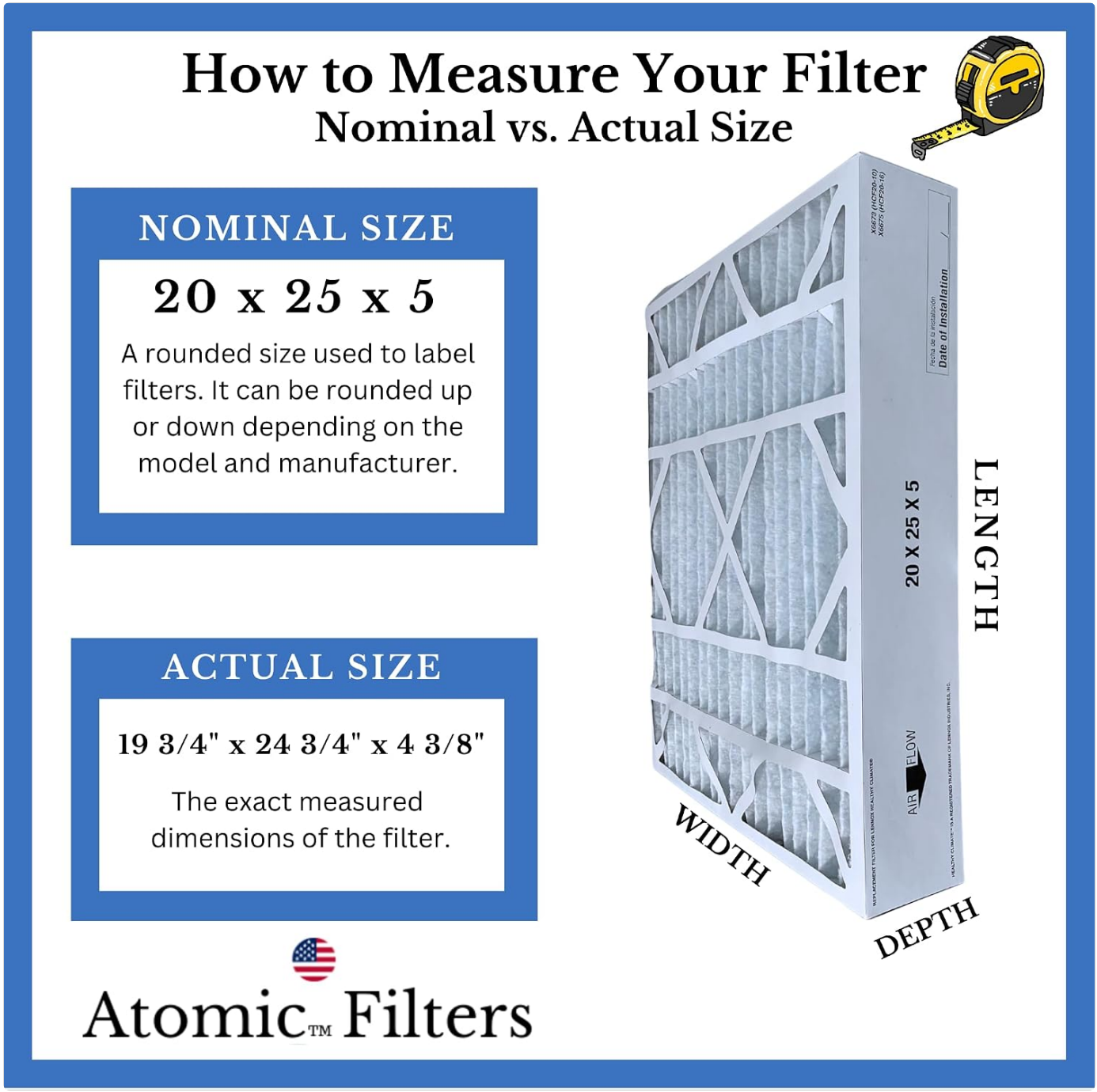


Image: Visual guide explaining the difference between nominal filter size (20x25x5) and actual filter size (19 3/4" x 24 3/4" x 4 3/8"), with arrows indicating length, width, and depth.

4. Installation Instructions

Follow these steps to safely replace your HVAC system's air filter:

1. **Turn off Power:** Locate your HVAC system's thermostat and the main power switch (usually near the furnace or air handler) and turn them off. For added safety, switch off the corresponding circuit breaker.
2. **Locate Filter Slot:** Identify the filter slot in your furnace or air handler. This is typically a rectangular opening on the return air duct.
3. **Remove Old Filter:** Carefully slide out the old, dirty filter. Note the direction of the "Air Flow" arrow on the old filter.
4. **Prepare New Filter:** Unpack your new Atomic X6673 MERV 11 filter. Locate the "Air Flow" arrow printed on the filter frame.
5. **Insert New Filter:** Slide the new filter into the slot, ensuring the "Air Flow" arrow points in the same direction as the airflow in your system (typically towards the furnace/air handler).

6. **Secure Filter Slot:** Close the filter slot cover securely.
7. **Restore Power:** Turn the power back on at the circuit breaker and the thermostat.





Image: Two Atomic X6673 MERV 11 air filters, still in their packaging, clearly displaying the "Air Flow" arrow and dimensions.

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Video: An influencer demonstrates the process of replacing a Lennox-compatible furnace filter, highlighting the air flow direction and the difference between a new and a dirty filter.

5. Operating Instructions

Once the new filter is installed and power is restored, your HVAC system can resume normal operation. The MERV 11 filter will continuously work to clean the air circulating through your home.

- Ensure your thermostat is set to your desired temperature and operating mode (heating or cooling).
- Monitor your system for any unusual noises or reduced airflow, which could indicate an issue.

6. Maintenance

Regular filter replacement is crucial for maintaining optimal indoor air quality and the efficiency of your HVAC system. A dirty filter can restrict airflow, reduce system efficiency, and potentially damage your equipment.

- **Replacement Frequency:** It is recommended to check your filter monthly and replace it every 3 to 4 months, or more frequently in homes with pets, smokers, or high dust levels.
- **Visual Inspection:** A visual inspection will show if the filter media is heavily soiled with dust and debris, indicating it's time for a change.





Image: A side-by-side comparison of a heavily soiled, dark brown air filter next to a clean, white air filter, demonstrating the accumulation of dust and debris over time.

7. Troubleshooting

If you encounter issues after replacing your filter, consider the following:

- **Reduced Airflow:** Double-check that the "Air Flow" arrow on the filter is pointing in the correct direction. Ensure the filter is fully seated in the slot and the cover is properly closed.
- **Filter Doesn't Fit:** Verify both the nominal and actual dimensions of your filter slot against the product specifications. Slight variations in actual size can occur between brands.
- **Unusual Noises:** Ensure the filter is installed correctly and not vibrating within the slot. If noises persist, consult an HVAC professional.

8. Specifications

Feature	Detail
Brand	Atomic
Model Number	X6673
MERV Rating	11
Nominal Dimensions	20" L x 25" W x 5" Th
Actual Dimensions	19.75" L x 24.75" W x 4.38" Th
Compatible Devices	Air Conditioner, Furnace, Heat Pump (Lennox HCC20-28 compatible)
Replaces Part Numbers	X5426, X6661, X6673, X6675, X7751, X8304, X8307
Number of Items	2
Country of Origin	USA

9. Warranty and Support

For specific warranty information or technical support, please refer to the product packaging or contact Atomic Filters LLC directly. Ensure you retain your proof of purchase for any warranty claims.
For additional resources and product information, visit theAtomic Filters Store on Amazon.

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