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> GeneralAire 12758 MERV 11 Air Filter Instruction Manual for AC-1, AC-22, AC-3, Carrier, and Bryant Systems

GeneralAire 12758

GeneralAire 12758 MERV 11 Air Filter Instruction Manual

For Models AC-1, AC-3, AC-22, Carrier 31MF020/31MF120, and Bryant 902BX

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1. INTRODUCTION

This manual provides essential instructions for the proper installation and maintenance of your GeneralAire 12758 MERV 11 Replacement Air Filters. These filters are designed to improve indoor air quality by capturing various airborne particles. Please read this manual thoroughly before proceeding with installation or maintenance.

2. PRODUCT OVERVIEW

The GeneralAire 12758 is a MERV 11 rated pleated media air filter designed for use in various HVAC systems. It effectively captures particles such as pollen, dust, spores, bacteria, and other impurities, contributing to cleaner indoor air. This product is supplied as a 2-pack of replacement filters.

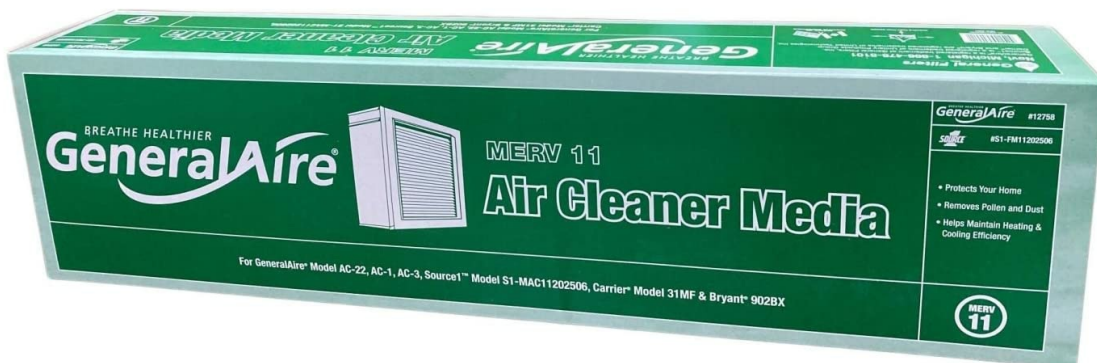


Image 2.1: GeneralAire 12758 MERV 11 Air Filter, showing the green packaging and the collapsed pleated filter media.

2.1 Compatibility

This filter is compatible with the following air cleaner models:

- GeneralAire AC-1
- GeneralAire AC-3
- GeneralAire AC-22
- Carrier 31MF020/31MF120
- Bryant 902BX

2.2 Filter Benefits

The MERV 11 rating indicates that this filter is highly effective at capturing a wide range of airborne contaminants, including:

- Lead dust
- Auto emission particles
- Humidifier dust
- Legionella
- Milled flour
- Pollen, dust, spores, and bacteria

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Video 2.2: An overview of MERV 11 filters, explaining their benefits in capturing various airborne particles like dust mites, fungi, bacteria, viruses, mold, pollen, spores, and allergens to improve indoor air quality.

3. INSTALLATION INSTRUCTIONS

The GeneralAire 12758 filter is shipped in a collapsed, accordion-like state and must be expanded into your existing air cleaner frame. This process requires careful attention to ensure proper fit and function.



Image 3.1: GeneralAire 12758 MERV 11 Air Filter, showing the pleated media fully expanded.

3.1 Safety Precautions

- Always turn off your HVAC system at the thermostat and the main power switch before attempting to replace the filter.
- Wear appropriate personal protective equipment, such as gloves and a dust mask, especially when handling used filters.

- Ensure the area around the air cleaner is clear and well-lit.

3.2 Step-by-Step Installation

1. **Locate the Air Cleaner:** Identify the air cleaner unit in your HVAC system. This is typically located near the furnace or air handler.
2. **Open the Access Panel:** Carefully open the access panel or door to the air cleaner housing. You may need to unlatch clips or remove screws.
3. **Remove Old Filter:** Slide out the old, dirty filter media from its frame. Dispose of the old filter according to local regulations.
4. **Inspect and Clean Frame:** Inspect the existing filter frame for any damage or debris. Clean the frame and pleat spacers if necessary.
5. **Expand New Filter Media:** The new GeneralAire 12758 filter comes compressed. Gently expand the pleated media into the existing frame. This process can be tedious as you need to carefully feed each fold into the frame's dividers and pleat spacers. Take your time to ensure each pleat is properly seated.
6. **Address Glued Folds (if applicable):** Some filters may have the last fold partially glued to an end fold. If this occurs, carefully separate them to allow for full expansion and proper fit within the frame.
7. **Slide into Housing:** Once the new filter media is fully expanded and seated in the frame, carefully slide the entire assembly back into the air cleaner housing. Ensure it is oriented correctly, usually indicated by an airflow arrow on the filter or frame.
8. **Secure Access Panel:** Close and secure the access panel or door.
9. **Restore Power:** Turn the main power switch and thermostat back on.

4. MAINTENANCE

Regular filter replacement is crucial for maintaining optimal indoor air quality and HVAC system efficiency. The GeneralAire 12758 MERV 11 filter is designed for extended use, but its lifespan depends on various factors.

4.1 Replacement Frequency

- It is recommended to inspect your filter every 3-6 months.
- Replace the filter at least once a year under normal operating conditions.
- In homes with pets, allergies, or high dust levels, more frequent replacement (e.g., every 6-9 months) may be necessary.

A dirty filter can restrict airflow, reduce system efficiency, and negatively impact air quality. Replace the filter when you observe significant accumulation of debris on the pleats.

5. TROUBLESHOOTING

If you encounter issues after replacing your GeneralAire 12758 filter, consider the following:

5.1 Reduced Airflow

- **Check Filter Expansion:** Ensure the pleated media is fully expanded and properly seated within the frame, with no collapsed sections or gaps.
- **Verify Orientation:** Confirm the filter is installed with the correct airflow direction (if indicated).
- **Obstructions:** Check for any obstructions in the air cleaner housing or ductwork.

5.2 Filter Not Fitting Correctly

- **Re-check Expansion:** The filter must be fully expanded. If folds are stuck together or not fully extended, it will not fit properly.
- **Verify Model Number:** Double-check that you have the correct replacement filter (Model 12758) for your specific air cleaner unit.

If problems persist, consult a qualified HVAC technician.

6. SPECIFICATIONS

Feature	Detail
Brand	GeneralAire
Model Number	12758
MERV Rating	11
Product Dimensions (Expanded)	19 5/8" L x 25" W x 6" Th
Material	Fiberglass
Air Filter Construction	Pleated
Number of Items (per pack)	2
Compatible Devices	GeneralAire AC-1, AC-3, AC-22, Carrier 31MF020/31MF120, Bryant 902BX

7. WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your GeneralAire 12758 MERV 11 Air Filters, please refer to the official GeneralAire website or contact their customer service directly. Keep your purchase receipt for any warranty claims.

GeneralAire Customer Service: [Visit GeneralAire Contact Page](#)