Pentek 150578

Pentair Pentek 150578 MC-1A Mounting Bracket Kit Instruction Manual

Introduction

This manual provides instructions for the installation and maintenance of the Pentair Pentek 150578 MC-1A Mounting Bracket Kit. This bracket is designed to securely mount compatible filter housings to a vertical surface, ensuring stability and reducing strain on plumbing connections. It is suitable for use with Pentek #10 and #20 3G MB housings that feature 3/4-inch connections, commonly found in various water filtration applications.

Setup and Installation

Before beginning installation, ensure you have all components and necessary tools. The kit includes the mounting bracket and mounting screws.

Components Included:

- Pentek MC-1A filter housing bracket
- (4) Mounting screws for the filter housing

Note: *Filter housing, cap, cartridge, and wrench are not included with this bracket kit.*

Compatibility:

The MC-1A bracket is designed for the following standard housing families:

- Pentair 3G Standard
- Pentek Traditional Standard
- All Naturals
- Dura-Series Standard housings

It supports both 10-inch and 20-inch lengths with 3/4-inch ports.**Important:** This bracket is specifically for housings that utilize a separate mounting-bracket cap. Housings with an integral (molded-in) bracket cap do not require this kit.

Installation Steps:

1. **Identify Mounting Location:** Choose a sturdy vertical surface, preferably a wall stud, capable of supporting the weight of the filter housing when full of water.
2. **Attach Bracket to Housing:** Align the bracket with the top of your compatible filter housing. Use the provided mounting screws to securely fasten the bracket to the filter housing cap. Ensure a tight fit.
3. **Mount Housing Assembly:** Position the filter housing assembly (with bracket attached) against the chosen vertical surface. Mark the locations for the wall mounting screws.
4. **Secure to Wall:** Drill pilot holes if necessary. Use appropriate screws (not included for wall mounting, as wall materials vary) to firmly attach the bracket to the wall or stud. Ensure the housing is level and stable.



Image: The Pentair Pentek 150578 MC-1A Mounting Bracket Kit, showing the zinc-plated metal bracket and included screws.

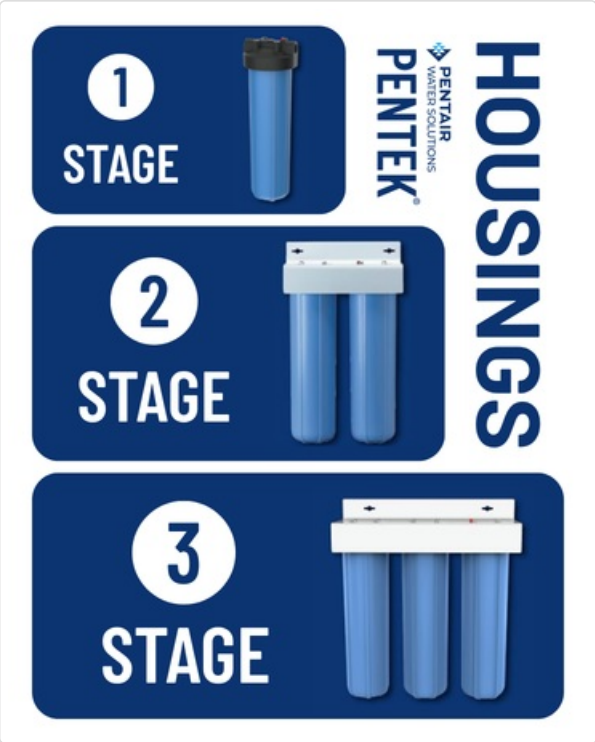


Image: A visual representation of 1, 2, and 3 stage Pentek filter housings, illustrating how mounting brackets support the units.

Operating Instructions

The Pentair Pentek 150578 MC-1A Mounting Bracket is a passive component designed to provide structural support for your filter housing. Once properly installed, it requires no active operation. Its function is to securely hold the filter housing in place, preventing strain on your plumbing system and ensuring the filter operates effectively within its intended position.

Maintenance

To ensure the long-term stability and performance of your mounting bracket, consider the following maintenance points:

- **Periodic Inspection:** Regularly check all mounting screws (both to the housing and to the wall) for tightness. Vibrations or changes in temperature can sometimes cause screws to loosen over time.
- **Corrosion Check:** The bracket features a zinc-plated finish for corrosion resistance. However, in damp environments, inspect the bracket periodically for any signs of rust or degradation. Clean as needed with a mild detergent and soft cloth.
- **Structural Integrity:** Ensure the wall or stud to which the bracket is mounted remains sound and free from damage.

Troubleshooting

Issue: Bracket does not fit the filter housing.

Solution: The MC-1A bracket is designed for specific Pentek standard filter housings (3G Standard, Traditional Standard, All Naturals, Dura-Series Standard) with 3/4-inch ports and a separate mounting-bracket cap. It is not compatible with all filter housings, particularly larger 'Big Blue' type housings or those with an integral molded-in bracket. Verify your filter housing model and cap style against the compatibility information in the Setup section.

Issue: Bracket appears to flex or sag after installation.

Solution: Ensure the bracket is mounted to a sufficiently strong and stable vertical surface, ideally a wall stud. If mounted to drywall, ensure appropriate heavy-duty anchors are used, though direct stud mounting is always recommended for optimal support. Verify that all screws are tightened securely. For very heavy filter housing setups, additional support or a bracket designed for heavier loads may be necessary.

Specifications

Attribute	Detail
Model Number	150578 (Manufacturer Part Number)
Material	Metal
Finish	Zinc Plated
Color	Metal
Item Dimensions (L x W x H)	5 x 3 x 2.13 inches
Item Weight	3.2 ounces
Mounting Type	Wall Mount
Included Components	Bracket and screws
Compatible Housing Port Size	3/4 inch

Warranty Information

Pentair products are manufactured to high-quality standards. For specific warranty details regarding the Pentek 150578 MC-1A Mounting Bracket Kit, please refer to the official Pentair website or contact their customer service directly. Warranty terms and conditions may vary and are subject to change.

Customer Support

If you require further assistance, have questions about installation, or need to report an issue, please contact Pentair customer support. You can find contact information and additional resources on the official Pentair website:

Visit the Pentek Store on Amazon

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.

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

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