

Viega 50063

Viega PureFlow 50063 Minibloc-Poly Alloy PEX Crimp Manifold Instruction Manual

Model: 50063

1. INTRODUCTION

The Viega PureFlow 50063 Minibloc-Poly Alloy PEX Crimp Manifold is designed to provide efficient water distribution within a plumbing system. This manifold features a compact design with multiple outlets, allowing for individual control of water supply to various fixtures. It is part of the Viega PureFlow system, known for its PEX tubing, fittings, and accessories, and is engineered for durability and performance in residential and commercial applications.

Key features of this manifold include:

- Proven quality and non-corroding materials.
- Reduced flow noise for quieter operation.
- Excellent chlorine resistance, enhancing longevity.
- PolyAlloy port adapters for secure connections.
- Functions as a zoning manifold for combination systems.

2. SAFETY PRECAUTIONS

Always observe the following safety guidelines during installation and operation:

- Turn off the main water supply before beginning any installation or maintenance.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves.
- Ensure all connections are properly secured and tested for leaks before restoring full water pressure.
- Consult local plumbing codes and regulations for proper installation practices.

3. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your Viega PureFlow manifold. This section outlines general steps for installation.

3.1 Tools Required

- PEX crimp tool
- PEX cutter
- Measuring tape
- Mounting hardware (screws, anchors suitable for your wall material)
- Pipe wrenches or adjustable wrenches
- Thread sealant or PTFE tape

3.2 Mounting the Manifold

1. Select a suitable location for the manifold, ensuring it is easily accessible for future maintenance and protected from freezing temperatures.
2. Securely mount the manifold to a sturdy surface using appropriate mounting hardware. Ensure it is level and firmly attached.

3.3 Connecting Main Supply Lines

1. Connect the main cold water supply line to the inlet port of the manifold. Use thread sealant or PTFE tape on threaded connections to ensure a watertight seal.
2. Tighten connections securely with a pipe wrench, but do not overtighten.

3.4 Connecting Branch Lines

1. Measure and cut PEX tubing to the required lengths for each fixture.
2. Insert the PEX tubing into the PolyAlloy port adapters on the manifold outlets.
3. Use a PEX crimp tool to secure the crimp rings over the PEX tubing and adapters, creating a permanent, leak-free connection.
4. Repeat for all desired outlets, connecting them to their respective fixtures (e.g., Master Bath Cold, Ice Maker Cold).

3.5 Leak Testing

1. Once all connections are made, slowly turn on the main water supply.
2. Carefully inspect all connections for any signs of leaks. Tighten any leaking connections as necessary.
3. Allow the system to pressurize and re-inspect after a short period.

4. OPERATING INSTRUCTIONS

The Viega PureFlow manifold allows for individual control of water flow to each connected fixture.

4.1 Understanding the Valves

Each outlet on the manifold is equipped with a shut-off valve. These valves are typically operated using a red key (often included with the manifold) or a similar tool.



Image: Viega PureFlow 50063 PEX Crimp Manifold. This image displays the manifold with six blue PEX lines connected to its outlets. Each outlet features a blue valve handle and a white label indicating the specific cold water destination, such as 'MASTER BATH COLD', 'BATH NO 3 TOILET COLD', 'SHOP LAV COLD', 'HOSE BIB REAR COLD', and 'ICE MAKER COLD'. The main supply lines are connected to either end of the manifold.

- **Horizontal Position:** When the valve handle is in the horizontal position, the water flow to that specific outlet is closed.
- **Vertical Position:** When the valve handle is in the vertical position, the water flow to that specific outlet is open.

4.2 Using the Shut-off Key

Insert the red key into the slot on the valve handle and rotate it 90 degrees to change the valve position between open and closed. The key can be stored in a designated hole on the side of the manifold when not in use.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and reliable operation of your manifold.

- **Periodic Inspection:** Periodically inspect all connections for any signs of leaks, corrosion, or damage. Address any issues promptly.
- **Valve Operation:** Occasionally operate each valve to ensure it moves freely and functions correctly.
- **Winterizing:** In regions prone to freezing, ensure all lines connected to the manifold are properly drained or protected from freezing temperatures to prevent damage. The manifold's individual shut-off valves can assist in isolating sections for draining.

6. TROUBLESHOOTING

This section addresses common issues you might encounter.

6.1 Leaks at Connections

- **Cause:** Improperly crimped PEX connections or loose threaded connections.
- **Solution:** Turn off water supply. For crimp connections, ensure the crimp ring is properly seated and compressed. For threaded connections, re-apply thread sealant or PTFE tape and tighten securely.

6.2 No Water Flow to an Outlet

- **Cause:** Valve is closed, or a blockage exists in the line.
- **Solution:** Check the valve position and ensure it is fully open (vertical). If the issue persists, inspect the PEX line for kinks or obstructions.

6.3 Reduced Water Flow

- **Cause:** Partially closed valve, debris in the line, or an issue with the main water supply.
- **Solution:** Ensure all relevant valves are fully open. Check for any debris in the PEX lines or fixture aerators. Verify adequate main water pressure.

7. SPECIFICATIONS

Attribute	Detail
Manufacturer	Viega PEX
Part Number	50063
Item Model Number	50063
Product Dimensions	16.5 x 6.25 x 4 inches
Item Weight	0.01 ounces
Color	Black, Blue
Material	Alloy, Lead, PEX
Item Package Quantity	1
Number Of Pieces	6 (Outlets)
Measurement System	Inch

8. WARRANTY INFORMATION

This Viega PureFlow manifold is covered by a **Limited Warranty**. For specific details regarding coverage, duration, and claims procedures, please refer to the official warranty documentation provided with your product or contact Viega customer support.

9. CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact Viega customer service through their official website or the contact information provided in your product packaging.

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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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