

MUELLER 104-827HC

Mueller Industries 1/2" X 10" Wall Hydrant Instruction Manual

Model: 104-827HC

Brand: MUELLER

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Mueller Industries 1/2" X 10" B & K 104-827HC Wall Hydrant. Designed for residential and commercial applications, this frost-free sillcock valve offers convenient outdoor water access with built-in features for reliable performance.

SAFETY INFORMATION

WARNING:

- Always shut off the main water supply before beginning any installation or maintenance.
- Wear appropriate personal protective equipment, including safety glasses and gloves, during installation.
- If you are unsure about any step, consult a qualified plumber.
- This product may expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

PRODUCT OVERVIEW AND COMPONENTS

The Mueller Industries 104-827HC Wall Hydrant is a robust plumbing fixture designed for outdoor use. Key components and features include:

- **Sillcock Valve:** The main body of the faucet.
- **Quarter-Turn Handle:** Allows for easy and quick water flow control. The handle is a neutral putty color to blend with siding or brick.
- **Built-in Backflow Preventer:** Prevents siphoning of contaminated water back into the main water supply.
- **Frost-Free Design:** The valve drains automatically when water is shut off, preventing freezing in cold weather.
- **Chrome Plated Solid Brass Body and Tube:** Provides durability and corrosion resistance.
- **Notched Flange:** Designed for stable installation on various siding types.
- **Water Supply Connection:** Supports both solder and threaded connections.



Image: Mueller Industries 1/2" X 10" Wall Hydrant. This image displays the complete wall hydrant assembly, showing the main body, the quarter-turn handle, the chrome-plated tube, and the threaded connection end.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your wall hydrant. It is recommended that installation be performed by a qualified professional.

1. **Prepare Water Supply:** Ensure the main water supply to the installation area is completely shut off. Drain any residual water from the pipes.
2. **Select Location:** Choose a suitable exterior wall location, ensuring there is adequate space inside the wall for the hydrant's length (10 inches).
3. **Create Opening:** Drill or cut a single hole through the exterior wall, large enough to accommodate the hydrant's body.
4. **Connect to Water Line:**
 - For **threaded connections**, apply Teflon tape or pipe sealant to the threads of the water supply line.
 - For **solder connections**, properly clean and flux the pipe and the hydrant's connection point before soldering.

Note: A mark on the top of the threaded end indicates the correct alignment for the faucet.

5. **Mount the Hydrant:** Insert the hydrant through the wall opening. Use the notched flange to secure the hydrant stably against the siding or brick. Fasten it securely to the wall structure using appropriate screws (not included).
6. **Check for Leaks:** Once installed, slowly turn on the main water supply and carefully inspect all connections for any signs of leaks.

OPERATING INSTRUCTIONS

Operating your Mueller Industries Wall Hydrant is straightforward:

1. **To Turn On:** Rotate the handle a quarter turn counter-clockwise. Water will begin to flow from the spout.
2. **To Turn Off:** Rotate the handle a quarter turn clockwise until it stops. The water flow will cease, and the sillcock will automatically drain any remaining water from the tube, ensuring its frost-free function.
3. **Backflow Prevention:** The integrated backflow preventer automatically protects your potable water supply from contamination by preventing water from flowing back into the system.

MAINTENANCE

Regular maintenance ensures the longevity and proper function of your wall hydrant:

- **Winterization:** Due to its frost-free design, the hydrant automatically drains when shut off. However, for extreme cold conditions, it is advisable to disconnect any hoses from the spout to ensure complete drainage.
- **Leak Checks:** Periodically inspect the connections and the body of the hydrant for any signs of leaks or drips. Address any leaks promptly to prevent water damage.
- **Handle Operation:** If the quarter-turn handle becomes stiff or difficult to operate, a small amount of silicone-based lubricant can be applied to the stem (after shutting off water and disassembling the handle, if necessary).
- **Cleaning:** Clean the exterior of the hydrant with a soft cloth and mild soap as needed to maintain its appearance. Avoid abrasive cleaners.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No water flow or low pressure	Main water supply off; Clogged line; Valve not fully open.	Ensure main water supply is on; Check for obstructions in the line; Fully open the valve with a quarter turn.
Water drips from spout after shut-off	Hose connected; Internal valve issue; Incomplete drainage.	Disconnect any attached hoses to allow complete drainage; If problem persists, internal components may need inspection by a plumber.
Leak at connections	Loose connection; Damaged threads/sealant.	Tighten connections (do not overtighten); Reapply Teflon tape or pipe sealant if necessary.
Handle is broken or loose	Physical damage; Loose screw.	Inspect the handle and its attachment screw. Tighten the screw if loose. If broken, contact Mueller Industries for replacement parts.

SPECIFICATIONS

Attribute	Detail
Manufacturer	Mueller Industries
Part Number	104-827HC
Item Weight	1.24 pounds
Product Dimensions	14.52 x 2.48 x 3.17 inches
Size	1/2" X 10"
Color	No Color (Handle is putty colored)
Finish	Plated, Chrome
Material	Brass (Body), Plastic (Handle)
Installation Method	Single Hole

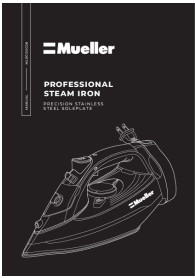


Attribute	Detail
Mounting Type	Wall Mount
Special Features	Lead Free, Frost-Free, Built-in Backflow Preventer, Quarter-Turn Operation

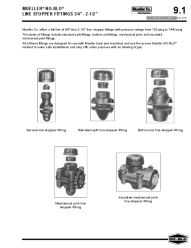
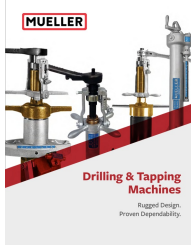

WARRANTY AND SUPPORT

This Mueller Industries product comes with a manufacturer's warranty. For specific details regarding warranty coverage, claims, or technical support, please refer to the warranty information provided with your purchase or contact Mueller Industries directly through their official website or customer service channels.

For replacement parts or further assistance, please provide your product model number (104-827HC) and purchase date when contacting support.

Related Documents - 104-827HC

	<p>Mueller Professional Steam Iron MLR010002N User Manual</p> <p>Comprehensive user manual for the Mueller Professional Steam Iron (Model MLR010002N), detailing safety instructions, parts overview, usage, cleaning, troubleshooting, and specifications for optimal performance.</p>
	<p>Mueller FoodFresh Vacuum Sealer MV-1100 Instruction Manual</p> <p>Comprehensive instruction manual for the Mueller FoodFresh Vacuum Sealer Model MV-1100, covering features, operation, safety, troubleshooting, and storage tips for optimal food preservation.</p>
	<p>Müeller ULTRA Yogurt Maker YL-470 User Manual and Guide</p> <p>Comprehensive guide for the Müeller ULTRA Yogurt Maker (Model YL-470), covering safety instructions, parts identification, ingredients, step-by-step usage, tips for best results, flavoring suggestions, cleaning, and technical specifications.</p>

	<p>Mueller NO-BLO® Line Stopper Fittings: Specifications and Selection Guide</p> <p>Comprehensive guide to Mueller NO-BLO® line stopper fittings, detailing specifications, model numbers (H-17055, H-17056, etc.), pressure ratings, sizes, and selection charts for safe and efficient pipe stopping operations.</p>
	<p>Mueller Drilling & Tapping Machines: Rugged, Dependable Water Service Equipment</p> <p>Comprehensive guide to Mueller's line of drilling and tapping machines, including models like B-101, D-5, EZ-TAP, and Mega-Lite. Learn about their features, applications, and accessories for efficient water service connections. Mueller is a leading supplier of water infrastructure products.</p>
	<p>Mueller Face Guard Application and Care Instructions</p> <p>Instructions for applying and caring for the Mueller Face Guard, model numbers 81457 and 84457. Includes multilingual support information.</p>

Documents - MUELLER – 104-827HC



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ProLine Catalog BV qxd Eric Cook THE PROFESSIONAL 39 S CHOICE UL Manual valves MHKZ Compressed Gas Shutoff valve YQNZ Flammable liquid YRBX LP YSDT FM Approved Fire Protection Conforms to MSS SP 110 Meets Fed Spec WW V 35 Type II Class A Style 3 Threaded ends comply with ANSI B1 20 1 Certified NSF 61 600 PSI 105926 Brochure content interlinebrands product document 10143

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