

Merrill VCM16

Merrill MFG VCM16 Cast Iron Well Cap Instruction Manual

Model: VCM16

INTRODUCTION

This manual provides instructions for the installation and maintenance of the Merrill MFG VCM16 Cast Iron Well Cap. This protective cover is designed for well casings with an outside diameter ranging from 5-5/8 inches to 6-1/4 inches and features a 3/4 inch conduit opening.

SAFETY INFORMATION

WARNING: This product may expose you to chemicals known to the State of California to cause cancer and reproductive harm. For more information, please visit [P65Warnings.ca.gov](https://www.P65Warnings.ca.gov).

Always wear appropriate personal protective equipment (PPE) during installation and maintenance. Ensure all local codes and regulations are followed.

PRODUCT OVERVIEW

The Merrill MFG VCM16 is a durable cast iron well cap designed to protect your well. It features a simple design for easy installation and includes a conduit opening for electrical wiring or piping.



Figure 1: Top view of the Merrill MFG VCM16 Cast Iron Well Cap, showing the main body and the conduit opening.



Figure 2: Angled view of the well cap, highlighting its cast iron construction and the side bolts for securing it to the well casing.

SPECIFICATIONS

Feature	Detail
Model	VCM16
Material	Cast Iron
Color	Red
Well Casing OD Compatibility	5-5/8 inches to 6-1/4 inches
Conduit Size	3/4 inch
Connector Type	Cap

Number of Pieces	1
Manufacturer	Merrill Manufacturing Company

Note: Some specifications in product listings may vary. Refer to the product title for the most accurate model-specific details.



Figure 3: Technical diagram showing key dimensions of the Merrill MFG VCM16 well cap, including overall width, height, and conduit size.

SETUP AND INSTALLATION

The Merrill MFG VCM16 well cap is designed for straightforward installation. Follow these steps:

1. **Prepare the Well Casing:** Ensure the top of your well casing is clean and free of debris. The casing's outside diameter must be between 5-5/8 inches and 6-1/4 inches for proper fit.
2. **Position the Well Cap:** Place the cast iron well cap over the top of the well casing. Ensure it sits flush and level.
3. **Secure the Cap:** The cap is secured using bolts located around its perimeter. Tighten these bolts evenly to create a snug and secure fit around the well casing. Do not overtighten.
4. **Connect Conduit (if applicable):** If running electrical wiring or piping, feed it through the 3/4 inch conduit opening on the side of the cap. Ensure all connections are sealed according to local codes to prevent water intrusion.



Figure 4: The Merrill MFG VCM16 well cap shown installed on a well casing in an outdoor setting, demonstrating its protective function.



Figure 5: A closer view of the installed well cap, illustrating how it fits over the well casing and the conduit connection.

OPERATING INSTRUCTIONS

The Merrill MFG VCM16 well cap is a passive protective device. Once properly installed, it operates by providing a secure and weather-resistant seal for your well casing. No active operation is required.

- Ensure the cap remains securely fastened at all times.
- Periodically inspect the cap for any signs of damage or loosening.

MAINTENANCE

Regular maintenance will ensure the longevity and effectiveness of your well cap:

- **Inspection:** Annually inspect the well cap for any signs of rust, cracks, or damage. Check the tightness of the securing bolts.
- **Cleaning:** Clean the exterior of the cap as needed to remove dirt, leaves, or other debris. A damp cloth is

usually sufficient.

- **Corrosion Protection:** As the cap is made of cast iron, minor surface rust may occur over time. This can be addressed by light sanding and applying a rust-inhibiting paint suitable for outdoor metal if desired.
- **Seal Integrity:** Ensure the seal between the cap and the well casing remains intact to prevent contaminants from entering the well.

TROUBLESHOOTING

Most issues with a well cap are related to improper installation or physical damage.

- **Loose Cap:** If the cap feels loose, check and evenly tighten the securing bolts. Do not overtighten.
- **Water Intrusion:** If water is observed entering the well from the cap area, inspect the seal and the tightness of the bolts. Ensure any conduit connections are properly sealed.
- **Physical Damage:** If the cast iron cap is cracked or severely damaged, it should be replaced to maintain well integrity.

WARRANTY INFORMATION

For specific warranty details regarding your Merrill MFG VCMI6 Cast Iron Well Cap, please refer to the documentation provided with your purchase or contact Merrill Manufacturing Company directly. General warranty terms typically cover manufacturing defects under normal use conditions.

SUPPORT

If you require further assistance or have questions not covered in this manual, please contact Merrill Manufacturing Company customer support. You can typically find contact information on the manufacturer's website or on the product packaging.

Manufacturer: Merrill Manufacturing Company

Website: www.merrillmfg.com (Note: This is a placeholder URL, please verify the official website for support)

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.

Name

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Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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