

3M HF60-S

3M Cuno HF60-S Replacement Cartridge User Manual

For ICE160-S Water Filtration System

1. PRODUCT OVERVIEW

The 3M Cuno HF60-S Replacement Cartridge is designed for use with the 3M ICE160-S Water Filtration System. This cartridge provides advanced filtration, reducing sediment, chlorine taste and odor, and cysts, ensuring high-quality water for various applications. It features a 0.2 micron filtration rating and a flow rate of 3.34 gallons per minute (GPM).

This manual provides essential information for the safe and effective installation, operation, and maintenance of your replacement cartridge.



Image: The 3M Cuno HF60-S Replacement Cartridge, a cylindrical filter with a white body and blue cap, designed for water filtration systems.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or replacing the filter cartridge. Failure to follow these instructions could result in property damage or personal injury.

- Always turn off the water supply to the filtration system before attempting any maintenance or cartridge replacement.
- Depressurize the system before removing the old cartridge to prevent water spray.
- Use only genuine 3M Cuno replacement cartridges to ensure proper fit and performance.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- Ensure all connections are secure to prevent leaks.

3. SETUP (CARTRIDGE INSTALLATION)

Follow these steps to properly install your new 3M Cuno HF60-S replacement cartridge:

1. **Turn off Water Supply:** Locate the shut-off valve for your ICE160-S water filtration system and turn it off.
2. **Depressurize System:** Open a downstream faucet to relieve pressure in the system. Allow water to drain until flow stops.
3. **Remove Old Cartridge:** Rotate the old cartridge counter-clockwise approximately a quarter turn until it disengages from the filter head. Pull the cartridge straight down and remove it. Dispose of the old cartridge responsibly.
4. **Prepare New Cartridge:** Remove the new HF60-S cartridge from its packaging. Ensure the O-rings are properly seated on the cartridge.
5. **Install New Cartridge:** Align the new cartridge with the filter head. Push the cartridge up into the head and rotate it clockwise approximately a quarter turn until it locks securely into place. You may feel a slight resistance as the O-rings seal.
6. **Restore Water Supply:** Slowly turn on the water supply to the filtration system. Check for any leaks around the filter head.
7. **Flush System:** Open a downstream faucet and allow water to run for approximately 5 minutes to flush out any air and carbon fines from the new cartridge. Initial water may appear cloudy; this is normal.
8. **Check for Leaks:** After flushing, close the faucet and re-check for leaks around the filter head.

4. OPERATING INSTRUCTIONS

Once the 3M Cuno HF60-S replacement cartridge is installed and flushed, the ICE160-S system is ready for normal operation. The system will continuously filter water as it passes through the cartridge.

- The cartridge is designed for continuous use.
- Monitor water flow rate. A noticeable decrease in flow rate often indicates that the cartridge is nearing the end of its service life and requires replacement.
- The system operates silently and requires no user interaction during normal filtration.

5. MAINTENANCE

Regular maintenance is crucial for optimal performance of your water filtration system. The primary maintenance task for the ICE160-S system is the timely replacement of the HF60-S cartridge.

- **Cartridge Replacement:** Replace the HF60-S cartridge every 6 to 12 months, or sooner if a noticeable reduction in flow rate or water quality (taste/odor) occurs. Actual cartridge life may vary depending on water quality and usage.
- **System Inspection:** Periodically inspect the filter head and connections for any signs of wear or leaks.

6. TROUBLESHOOTING

If you encounter issues with your 3M Cuno ICE160-S Water Filtration System after installing the HF60-S cartridge, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Low Water Flow	Clogged cartridge; air in system; partially closed shut-off valve.	Replace cartridge; flush system to remove air; ensure shut-off valve is fully open.
Water Leaks	Improperly seated cartridge; damaged O-rings; loose connections.	Re-install cartridge ensuring it's fully seated; inspect O-rings for damage and replace if necessary; tighten connections.
Unusual Taste or Odor	Cartridge nearing end of life; insufficient flushing after installation.	Replace cartridge; flush system thoroughly for 5-10 minutes.

If problems persist, contact 3M customer support for further assistance.

7. SPECIFICATIONS

- **Model:** 3M Cuno HF60-S Replacement Cartridge
- **For System:** 3M ICE160-S Water Filtration System
- **Filtration Rating:** 0.2 Micron
- **Flow Rate:** 3.34 GPM (Gallons Per Minute)
- **Material:** Water filter media
- **Product Dimensions:** Approximately 4 x 4 x 15 inches
- **Item Weight:** 4.8 pounds
- **UPC:** 016145801563

8. WARRANTY AND SUPPORT

3M products are manufactured to high-quality standards. For specific warranty information regarding your 3M Cuno HF60-S Replacement Cartridge or ICE160-S Water Filtration System, please refer to the documentation provided with your original system purchase or visit the official 3M website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact 3M Customer Service. Contact details can typically be found on the 3M website or on the product packaging.

