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› North Star NS917 Carbon Block Whole Home Water Filter Instruction Manual

## North Star NS917

# North Star NS917 Carbon Block Whole Home Water Filter Instruction Manual

Model: NS917

### PRODUCT OVERVIEW

The North Star NS917 Carbon Block Whole Home Water Filter is designed to improve the quality of your household water supply. This filter effectively reduces chlorine taste and odor, which is a common issue in municipal water. Additionally, it filters out sand, silt, rust, and other sediments down to 25 microns, helping to protect your plumbing and water-using appliances from damage and extending their lifespan.

Key features include:

- **Premium Filtration:** Certified to reduce chlorine taste and odor, sediment, sand, dirt, and rust down to 25 microns.
- **Appliance Protection:** Safeguards your water supply, water-using appliances, and plumbing fixtures from harmful contaminants.
- **Standard Compatibility:** This filter is a universal size, compatible with many standard whole house water filtration systems, including brands like GE, Whirlpool, Culligan, Omni, DuPont, Filtrete, 3M, and Watts.



Image: The North Star NS917 Carbon Block Whole Home Water Filter cartridge, showing its cylindrical shape and carbon block material.

## SETUP AND INSTALLATION

This section provides general guidance for installing the NS917 filter cartridge into a compatible whole home water filtration system. Always refer to your specific filter housing's instruction manual for detailed installation steps and safety precautions.

1. **Turn off Water Supply:** Locate the main water shut-off valve for your home and turn it off.
2. **Depressurize System:** Open a nearby faucet to relieve pressure in the water lines.
3. **Open Filter Housing:** Use the provided wrench (if applicable) to unscrew and remove the filter housing sump.
4. **Remove Old Filter:** Carefully remove the used filter cartridge and dispose of it properly.
5. **Clean Housing:** Clean the inside of the filter housing sump with warm, soapy water and rinse thoroughly. Inspect the O-ring for any damage and replace if necessary. Lubricate the O-ring with a silicone lubricant if recommended by your housing manufacturer.
6. **Insert New Filter:** Unwrap the new North Star NS917 filter cartridge. Ensure the filter is oriented correctly (if directional) and insert it into the housing sump.
7. **Reassemble Housing:** Carefully screw the filter housing sump back onto the cap. Hand-tighten first, then use the wrench for a snug fit, but do not overtighten.
8. **Restore Water Supply:** Slowly turn on the main water supply. Check for leaks around the filter housing.
9. **Flush System:** Open a cold water faucet downstream from the filter for several minutes to flush out any air and carbon fines. The water may appear cloudy initially; this is normal and will clear.

*Note: It is recommended to have a qualified plumber perform the installation if you are unsure about any steps.*

## OPERATING INSTRUCTIONS

Once installed, the North Star NS917 filter operates automatically as water flows through your whole home filtration system. No special user interaction is required for its operation.

- **Water Flow:** Water enters the filter housing, passes through the NS917 carbon block cartridge, and then exits to your household plumbing.
- **Filtration Process:** The carbon block material adsorbs chlorine and other organic compounds, while the filter's physical structure traps sediment particles.
- **Pressure Drop:** A slight pressure drop across the filter is normal. A significant drop in water pressure may indicate that the filter is nearing the end of its service life and requires replacement.

## MAINTENANCE

Regular maintenance, primarily filter replacement, is crucial for ensuring optimal performance of your whole home water filtration system and the quality of your water.

- **Filter Life:** For best filtration results, replace your North Star NS917 filter cartridge every **three months**.
- **Replacement Indicators:**
  - Noticeable return of chlorine taste or odor in your water.
  - Significant decrease in water flow or pressure throughout your home.
  - Visible sediment in your water (though less likely with a whole home filter).
- **Replacement Procedure:** Follow the "Setup and Installation" steps (1-8) to replace the old filter with a new NS917 cartridge.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your water filtration system after installing the NS917 filter.

| Problem                          | Possible Cause                                                   | Solution                                                                                                                                                                 |
|----------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reduced Water Pressure           | Clogged filter cartridge; air in the system.                     | Replace the filter cartridge. Flush the system by opening a faucet to release trapped air.                                                                               |
| Water Has Chlorine Taste/Odor    | Filter cartridge is exhausted.                                   | Replace the filter cartridge.                                                                                                                                            |
| Leaks Around Filter Housing      | Improperly seated O-ring; damaged O-ring; overtightened housing. | Turn off water, depressurize, remove housing. Inspect and reseal O-ring, replace if damaged. Ensure housing is hand-tightened then snug with wrench, do not overtighten. |
| Cloudy Water After Filter Change | Air trapped in the system; carbon fines from new filter.         | This is normal. Flush the system by running cold water from a faucet for several minutes until clear.                                                                    |

If issues persist after attempting these solutions, contact a qualified plumber or North Star customer support.

## SPECIFICATIONS

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| Model Number                     | NS917                                                          |
| Filter Type                      | Carbon Block Whole Home Water Filter                           |
| Micron Rating                    | 25 Microns                                                     |
| Material                         | Carbon                                                         |
| Filter Life                      | 3 Months (recommended)                                         |
| Product Benefits                 | Reduces chlorine taste and odor, sediment, sand, dirt, rust    |
| External Testing Certification   | NSF                                                            |
| Item Weight                      | 2.8 Pounds                                                     |
| Compatible Water Purifier Models | Whirlpool WHKF-GD05 and most standard size whole house systems |

## WARRANTY AND SUPPORT

For specific warranty information regarding your North Star NS917 Carbon Block Whole Home Water Filter, please refer to the documentation provided with your original purchase or visit the official North Star website.

If you require technical assistance, have questions about installation, or need to purchase replacement parts, please contact North Star customer support through their official channels. Contact information can typically be found on the product packaging or the manufacturer's website.

*Always ensure you are using genuine North Star replacement filters to maintain product performance and warranty validity.*

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