

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

- › [Netafim](#) /
- › [Netafim DF075-120 3/4 Inch Disc Filter Instruction Manual](#)

## Netafim DF075-120

# Netafim DF075-120 3/4" Disc Filter Instruction Manual

## INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your Netafim DF075-120 3/4" Disc Filter. Designed for drip irrigation systems, this filter ensures clean water flow by capturing fine debris, protecting your irrigation components and enhancing system longevity. Please read this manual thoroughly before use to ensure optimal performance and safety.

## SAFETY INFORMATION

- Always ensure water supply is turned off before installing or performing maintenance on the filter.
- Use appropriate tools for installation to prevent damage to the filter or plumbing.
- Do not overtighten connections, as this can cause cracks or leaks.
- Keep the filter away from direct sunlight and extreme temperatures to prolong its lifespan.
- This product is intended for water filtration in irrigation systems only. Do not use for other purposes.

## PRODUCT OVERVIEW

The Netafim DF075-120 is a 3/4-inch disc filter featuring 120 mesh (125 micron) filtration. It is designed to protect drip irrigation emitters and other components from clogging by removing suspended solids from the water supply.



*Image: The Netafim DF075-120 3/4 inch Disc Filter, showing its compact design and connection points. This filter is essential for maintaining clean water flow in irrigation systems.*

## Key Features:

- **120 Mesh (125 Micron) Filtration:** Effectively captures fine particles.
- **3/4" NPT Connections:** Standard size for easy integration into most irrigation systems.
- **Durable Construction:** Built for longevity in outdoor environments.
- **Easy Maintenance:** Simple to disassemble and clean.

## SETUP AND INSTALLATION

---

Follow these steps to properly install your Netafim DF075-120 Disc Filter into your irrigation system.

1. **Turn off Water Supply:** Locate the main water shut-off valve for your irrigation system and turn it off completely.
2. **Identify Installation Point:** The filter should be installed downstream of the main water source and upstream of any pressure regulators or emitters. This ensures maximum protection for your system components.
3. **Prepare Connections:** Ensure the 3/4" pipe or tubing ends are clean and free of debris.
4. **Apply Thread Sealant:** Apply PTFE tape or pipe thread sealant to the male threaded connections of your irrigation lines where the filter will attach.
5. **Install Filter:** Thread the filter into the irrigation line. Ensure the flow arrow on the filter body points in the direction of water flow towards your irrigation system. Hand-tighten, then use a wrench for a final quarter to half turn. **Do not overtighten.**
6. **Check for Leaks:** Slowly turn on the main water supply and inspect all connections for leaks. Tighten gently if necessary.

## OPERATION

---

Once installed, the Netafim DF075-120 Disc Filter operates automatically, continuously filtering water as it passes through your irrigation system. No manual adjustments are typically required during normal operation.

- **Initial Flush:** After installation, allow water to run through the system for a few minutes to flush out any air or loose debris.
- **Monitor Flow:** Periodically observe the water flow from your emitters. A noticeable decrease in flow may indicate a clogged filter requiring cleaning.

## MAINTENANCE

---

Regular cleaning of your disc filter is crucial for maintaining optimal performance and extending the life of your irrigation system. The frequency of cleaning depends on water quality.

### Cleaning Procedure:

1. **Turn off Water Supply:** Shut off the water supply to the filter.
2. **Relieve Pressure:** If your system has a pressure relief valve, open it to release any residual pressure.
3. **Disassemble Filter:** Unscrew the filter housing (bowl) from the head. Carefully remove the disc element assembly.
4. **Clean Disc Element:** Separate the discs by twisting them slightly. Rinse the individual discs thoroughly under running water to remove all trapped debris. A soft brush can be used for stubborn particles.
5. **Inspect O-rings:** Check the O-rings for any signs of wear, cracks, or damage. Replace if necessary. Ensure they are clean and properly seated.

6. **Reassemble Filter:** Reassemble the disc element, ensuring the discs are properly stacked. Insert the cleaned disc element back into the filter housing. Screw the housing back onto the head, hand-tightening first, then a slight turn with a wrench.
7. **Restore Water Supply:** Slowly turn on the water supply and check for leaks.

### Recommended Cleaning Frequency:

- **Clear Water Sources:** Every 1-3 months.
- **Well Water/Surface Water:** Every 2-4 weeks, or as needed based on observed flow reduction.
- **New Installations:** Clean after the first week of operation to remove any initial system debris.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your Netafim DF075-120 Disc Filter.

Problem	Possible Cause	Solution
Reduced Water Flow	Clogged disc element.	Clean the disc element as described in the Maintenance section.
Water Leaks from Housing	Loose housing connection. Damaged or improperly seated O-ring. Cracked filter housing.	Tighten the housing connection (do not overtighten). Inspect and reseal or replace the O-ring. Replace the filter housing or entire filter if cracked.
Water Leaks from Connections	Loose threaded connections. Insufficient thread sealant.	Tighten connections. Reapply PTFE tape or pipe thread sealant and re-connect.

## SPECIFICATIONS

Model Number	DF075-120
Connection Size	3/4 inch NPT (Female)
Filtration Level	120 Mesh (125 Micron)
Product Dimensions	Approximately 8 x 4 x 3 inches
Item Weight	Approximately 14.4 ounces
Manufacturer	Netafim

## WARRANTY AND SUPPORT

For specific warranty information and technical support, please refer to the official Netafim website or contact Netafim customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

**Netafim Contact Information:** Please visit [www.netafim.com](http://www.netafim.com) for the most up-to-date contact details and support resources.



© 2026 Netafim. All rights reserved. Information in this manual is subject to change without notice.