

Hydronix HYDRONIX-ICF-10

Hydronix ICF-10 Inline Coconut GAC Water Filter User Manual

Model: HYDRONIX-ICF-10

1. PRODUCT OVERVIEW

The Hydronix ICF-10 is an inline coconut granular activated carbon (GAC) water filter designed for various point-of-use applications. It effectively reduces chlorine, taste, and odor from water, providing clean and great-tasting water.

- **Service Life:** 2,000 gallons or one year, whichever comes first.
- **Filtration:** Effective Chlorine, Taste, and Odor Reduction.
- **Material:** Made with NSF Certified Coconut Shell Carbon.
- **Connections:** Features 1/4" NPT Ports for easy integration.
- **Applications:** Ideal for Post/Polish RO Systems, Fridge, Ice Makers, and other point-of-use water filtration needs.



Figure 1: Hydronix ICF-10 Inline Coconut GAC Water Filter. This image shows the cylindrical filter with flow arrows and product information labels.

2. PRODUCT SPECIFICATIONS

Table 1: Hydronix ICF-10 Specifications

Specification	Value
Model Number	HYDRONIX-ICF-10
Product Dimensions (D x W x H)	2" x 2" x 10"

Specification	Value
Item Weight	0.8 Pounds
Service Life	2,000 Gallons or 1 Year
Maximum Flow	0.50 GPM (1.9 LPM)
Maximum Pressure	125 PSI (8.6 BAR)
Maximum Temperature	100°F (38°C)
Connections	1/4" NPT Ports
Filtration Media	Coconut Shell Granular Activated Carbon (GAC)
Certifications	NSF Certified Component (against NSF/ANSI Standard 42)

PRODUCT DIMENSIONS
Part Number: ICF-10



THREADED



SPECIFICATIONS

Product Width	2 inches
Product Height	10 inches
Product Weight	1 pound
Connections	1/4 inch



Figure 2: Detailed product dimensions and specifications for the Hydronix ICF-10 filter, including its 1/4" threaded connection.

PRODUCT BENEFITS

Part Number: ICF-10

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COCONUT SHELL GRANULAR ACTIVATED CARBON

NSF certified coconut shell carbon effectively removes over 20 different types of contaminants to provide clean and great tasting water.



Soil



Taste



Odors



Chlorine



Sediment



This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372

Made with NSF certified coconut shell carbon



Figure 3: Illustration of the coconut shell granular activated carbon media, highlighting its effectiveness in removing soil, taste, odors, chlorine, and sediment.

3. INSTALLATION AND SETUP

Follow these steps for proper installation of your Hydronix ICF-10 inline water filter. Ensure all connections are secure to prevent leaks.

Important Notes Before Installation:

- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the unit.
- Observe the **FLOW DIRECTION** on the filter label.

- For threaded connections, wrap Teflon tape around the male threaded end into the fitting until it bottoms.
- Turn on water slowly and check for leaks. If leaks persist, turn off water and re-tighten connections.
- Flush filter for 10 minutes before use to remove carbon fines.

Installation Steps:

1. **Prepare for Replacement:** If replacing an old filter, turn off the water supply to the system. Relieve any pressure in the lines. Remove the tubing from both ends of the old filter.
2. **Remove Old Fittings (if applicable):** If your old filter used threaded fittings, remove them from both ends after detaching the tubing.
3. **Prepare New Filter:** Unwrap the new Hydronix ICF-10 filter. If using threaded fittings, clean the threads on the fittings and apply new Teflon tape.
4. **Install Fittings:** Install the appropriate threaded fittings (if not already integrated) onto both ends of the new filter. Ensure they are tightened securely but do not overtighten.
5. **Connect Tubing:** Insert the water supply tubing approximately 1/2 inch into the fittings on both ends of the filter. Ensure the tubing is fully seated and secure. Pay attention to the flow direction indicated on the filter.
6. **Flush and Check for Leaks:** Slowly turn on the water supply. Allow water to flow through the filter for at least 10 minutes to flush out any carbon fines. During this flushing period, carefully check all connections for any signs of leaks. If leaks are observed, turn off the water, re-tighten the connections, and re-check.

PRODUCT CONNECTION

Part Number: ICF-10

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1
Remove the tube from both ends of the old filter.



2
Remove the threaded fitting from both ends after removing the tubes.



3
Unwrap the new filter and clean the thread on the fittings.



4
Install the threaded fitting on both ends of the filter.



5
Insert the tubing approximately 1/2" into the fittings on both ends.



6
Turn on water, flush out carbon, and check for leaks.

Figure 4: Visual guide for connecting the Hydronix ICF-10 filter, showing steps from removing old tubing to flushing the new filter.



Figure 5: Close-up of the Hydronix ICF-10 filter label, detailing chlorine, taste, and odor reduction, service life, flow rates, and application instructions.

4. OPERATION

Once installed and flushed, the Hydronix ICF-10 filter operates automatically as water flows through your system. It requires no manual intervention during normal use.

- Ensure the water supply is consistently on for continuous filtration.
- The filter is designed for cold water applications only, with a maximum temperature of 100°F (38°C).
- Maintain water pressure within the specified range of 125 PSI (8.6 BAR) maximum.

5. MAINTENANCE

Regular maintenance, primarily filter replacement, is crucial to ensure optimal performance and water quality.

Filter Replacement:

- The Hydronix ICF-10 filter has a service life of **2,000 gallons or one year**, whichever comes first.
- Replace the filter when the rated capacity is reached or when a noticeable decrease in water flow or quality (taste/odor) occurs.
- Refer to the "Installation and Setup" section for detailed steps on replacing the filter.

Cleaning:

The filter itself does not require cleaning. It is a disposable component that should be replaced at the end of its service life.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Hydronix ICF-10 filter.

Table 2: Troubleshooting Guide

Problem	Possible Cause	Solution
Water Leaks at Connections	Loose fittings, improperly seated tubing, damaged O-rings/threads.	Turn off water supply. Re-tighten fittings. Ensure tubing is fully inserted. Inspect O-rings/threads for damage and replace if necessary. Apply new Teflon tape to threaded connections.
Reduced Water Flow	Filter is clogged or at end of service life, kinked tubing, low water pressure.	Replace the filter if it has reached its capacity or if flow is significantly reduced. Check tubing for kinks. Verify adequate incoming water pressure.
Bad Taste or Odor in Water	Filter is exhausted and needs replacement, initial carbon fines not fully flushed.	Replace the filter. If newly installed, flush the filter for a longer period (e.g., 15-20 minutes) to ensure all carbon fines are removed.
Black Particles in Water (initial setup)	Carbon fines from the new filter.	This is normal during initial setup. Continue flushing the filter until water runs clear.

7. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Hydronix ICF-10 filter, please contact Hydronix directly. Details are typically available on the product packaging or the official Hydronix website.

Hydronix aims to design and develop cost-effective high-quality water filtration products. For over a decade, Hydronix has been providing filtration solutions. All Hydronix products are manufactured under the specialized support of their experienced team of product experts based in the U.S.

You can find more information and contact details by visiting the [Hydronix brand page on Amazon](#) or their official website.

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Name

Anonymous

Email

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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