

## Who We Are

- Nature's Air and Water is a purification and filtration brand based in the United States, focused on engineered filtration and advanced purification technology.
- Nature's Air and Water promotes the philosophy of a minimalist lifestyle, returning to nature with clean water and fresh air.
- Nature's Air and Water designs products to be smart, easy to operate, and practical in appearance and functionality.

## Contact Us

If you require assistance, please contact our customer support at:

Email: support@naturesairandwater.com  
Web: www.naturesairandwater.com

# PureHome Mini



W-P-00-UC-001-02



Retain owner's manual for future reference

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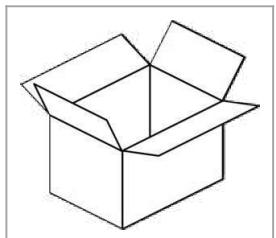
# Overview

## Getting Started



- Introduction
- Warnings
- Operating Guidelines
- Typical Installation

## Installation Guide



- Installation Kit
- Installation Guide
- Installation Steps
- Assemble Components

## Operation Guide



- Operation & Maintenance Guide
- Replacement Filter
- Frequently asked questions
- Warranty

# Getting Started

## Introduction

Thank you for purchasing the Nature's Air and Water PureHome Mini water filtration system, delivering filtered water to your home or office. Please refer to the Nature's Air and Water website for the latest product information, including manuals, product videos, support materials, and where to purchase product and consumables.



The PureHome Mini is a piece of durable equipment, with proper care it will last for many years. This owner's handbook outlines the installation, operation, and maintenance requirements to sustain perfect product performance.

The PureHome Mini features a five-stage composite filtration system to produce clean water for your family

- Polypropylene fiber
- Activated Carbon
- KDF
- Activated Carbon
- Polypropylene fiber

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The PureHome Mini can filter out impurities and give water an improved taste. This includes filtering out particles from your water such as sediment, dirt, rust, chlorine, odors, lead, organic matter, and heavy metals.

## Warning

Nature's Air and Water products are designed with safety in mind. Anyone working on these units must be familiar with any potential dangers. All safety information detailed in this handbook should be reviewed before installing and operating this water filtration system.

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*This product is not a toy, please keep children away from the system or use under adult supervision. Please keep packing materials out of children's reach.*

*The system has been designed for indoor use only. Install the system out of direct sunlight and secure it to a vertical surface such as a wall or inside a cupboard at ambient room temperature.*

*Do not move the system without first shutting off the water supply, draining, and releasing the water pressure.*

*The unit is for use with cold municipal tap water or potable well water that has been tested safe by a certified laboratory. Never use hot water or unknown/unsafe sources of water.*

*The installation of your system must comply with local and state regulations. Please check on system compliance before installing.*

*In case of malfunction, shut-off the water supply to the system. If any part of the system is damaged or missing, replace the item before use.*

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Failing to observe the instructions could result in damage to the equipment, associated parts, surroundings, or personal injury.

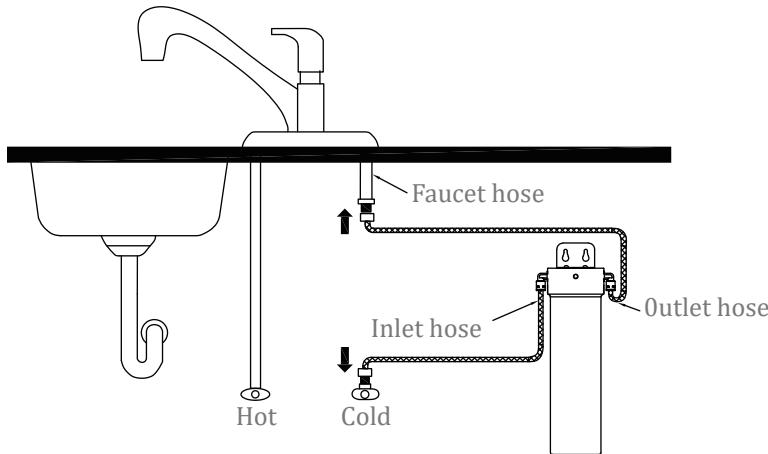
## Operating Guidelines

The following table lists the operating parameters for this product. Operating this product outside these specifications may cause system performance issues and may even lead to personal injury and void any warranty. Please contact Nature's Air and Water for further advice and support if you are unsure about the requirements.

Operating Parameters	
<b>Model</b>	Nature's Air and Water PureHome Mini
<b>Maximum Flow Rate</b>	1.6 Gallons per minute (6 L/min)
<b>Filter Capacity</b>	20,000 gallons (12 month filter life)
<b>Power Requirements</b>	Not applicable, this product only requires water pressure to operate.
<b>Feed Water Type</b>	Municipal Potable/Tap water or Well water meeting government drinking water standards
<b>Feed Water Pressure</b>	14.5-58psi (Install a pressure regulator if exceeding this feed water pressure)
<b>Feed Water Temperature</b>	40-100°F (4-38°C)
<b>Ambient Temperature</b>	40-104°F (4-40°C)
<b>Dimensions</b>	4.9 x 3.5 x 11.5 inch

## Typical Installation

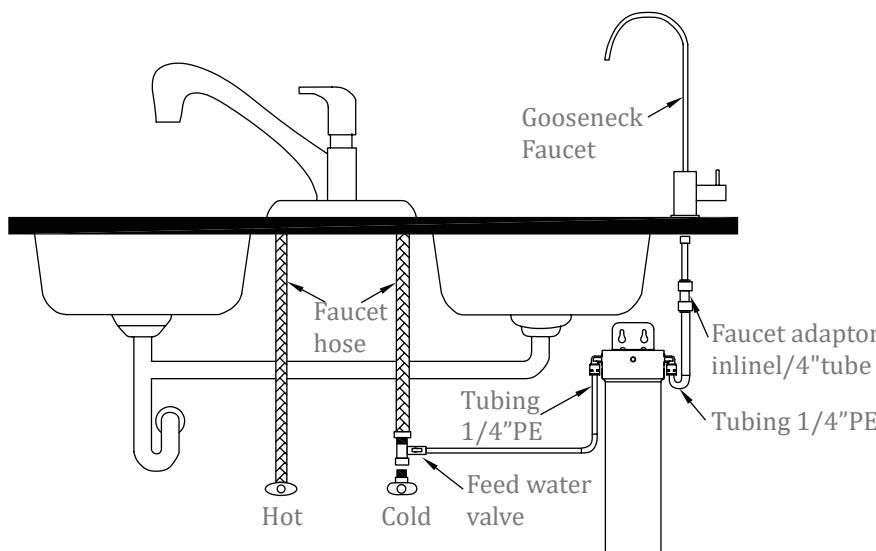
The following illustration is an example of a typical under sink installation .  
No additional accessories required.



## Atypical Installation (Need Additional Accessories)

The following illustration is an example of a typical under sink installation.  
Additional accessories are required as follows:

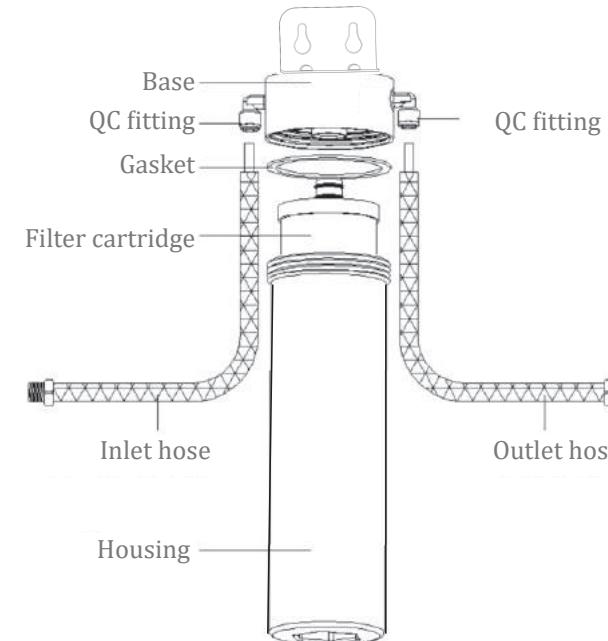
1. Feed water valve
2. Tubing 1/4" PE
3. Gooseneck faucet
4. Faucet adaptor



# Installation

## System Contents

Your Nature's Air and Water PureHome Mini water filtration system was carefully assembled, packaged and shipped complete with the parts required for a standard installation.



Unsure about something? Is there a problem?  
Please contact Nature's Air and Water through our website.

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eMail: [support@naturesairandwater.com](mailto:support@naturesairandwater.com)

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## Installation Kit

Carefully unpack your Nature's Air and Water PureHome Mini. Layout the parts so you can familiarize yourself with the components, check nothing is missing before you start the installation.

Package Contents List	
	Description
<b>A</b>	Main body (including the cartridge)
<b>B</b>	3/8" Braided stainless inlet hoses (29.5 inches)
<b>C</b>	3/8" Braided stainless outlet hoses (29.5 inches)
<b>D</b>	Spare wrench tools
<b>E</b>	Spare parts kit
<b>E1</b>	Teflon tape (roll)
<b>E2</b>	Elbow 1/4" tube QC to threaded (x2)
<b>E3</b>	3/8" male comp. x 1/2" female NPT convertor fitting
<b>E4</b>	1/2" male NPT x 3/8" female comp. convertor fitting



## Installation Guide

Read the entire manual thoroughly before beginning your installation. Take note of the safety tips and follow all steps to ensure your system is installed correctly before use. Installation needs to comply with state and local laws and regulations; you must check and comply with all local plumbing codes. Warning: Massachusetts, USA, requires installation by a licensed plumber and does not permit the use of saddle valves. (plumbing code 248-CMR of the Commonwealth of Massachusetts)

### Hand tools required

Essential hand tools are required to install the Nature's Air and Water PureHome Mini. Adjustable wrench, cross-head screwdriver (Phillips).



## Plan your Installation

Your PureHome Mini system can be installed under a sink or in a remote location. Typical remote sites are a laundry room or utility room.

### Dispense Point

The PureHome Mini is an inline purification system designed to be installed into an existing cold water dispense point, such as a faucet. Should you require a separate outlet for the PureHome Mini, please purchase a drinking faucet or other style outlet suitable for your application and follow the manufacturers installation instructions.

### Check Location and Space Requirements

Determine and check the size and position of the PureHome Mini for proper installation into the chosen space and remember to leave enough room around the system for changing filters and maintenance.

## Installation Steps:

- **Choose the Location:**

Select a suitable location under your sink that allows enough space for the PureHome Mini and has access to the water supply line. Ensure enough space to access the filter.

- **Turn Off Water Supply:**

Shut off the water supply to the sink to prevent any leaks during installation.

- **Prepare the Hanger:**

Secure the PureHome Mini to the back of the under-sink cabinet using screws. Use a level to ensure it's straight.

- **Connect the Water Supply:**

- Locate the cold-water supply line and disconnect it using a wrench.
- Use Teflon tape on the threads to prevent leaks.
- Connect the filter inlet to the water supply line using the appropriate tubing or fittings.

- **Connect the Filter Outlet:**

Connect the filter outlet to the existing water line that leads to your faucet. Again, use Teflon tape to ensure a secure fit.

- **Check for Leaks:**

- Before turning the water supply back on, double-check all connections for tightness.
- Turn the water supply back on slowly and check for any leaks. If leaks occur, tighten the connections.

- **Flush the Filter:**

Once everything is connected and leak-free, run water through the filter for a few minutes to flush out any carbon dust or impurities.

- **Final Checks:**

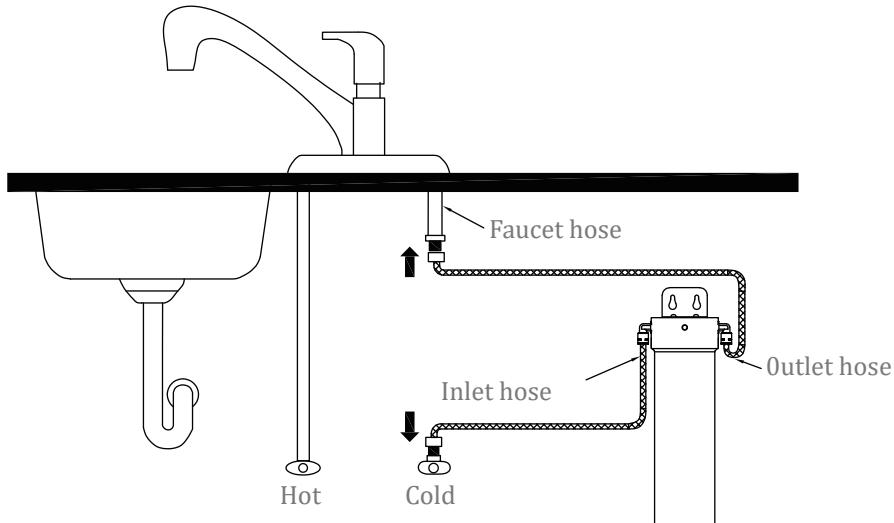
Check all connections once more for leaks. Ensure that the filter is functioning correctly.



## Maintenance Tips:

- Regularly check the filter for any signs of wear or leaks.
- Replace the filter cartridge as recommended by Nature's Air & Water.

**By following these steps, your PureHome Mini should be installed and ready for use!**



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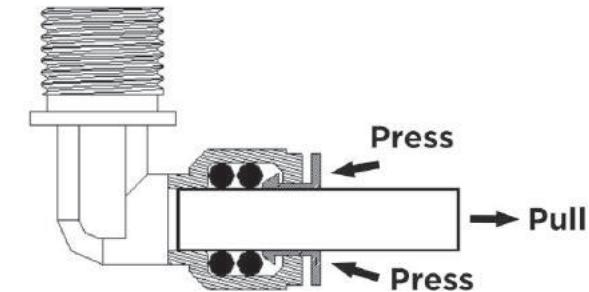
**CONGRATULATIONS!**  
**You have completed the installation!**

## Assemble the Components



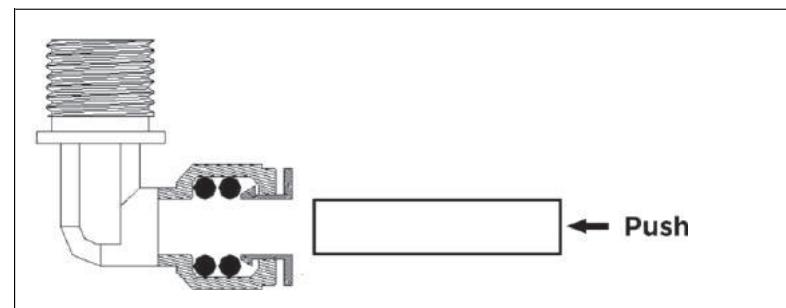
### How to use the Quick-Connect (QC) fittings

The PureHome Mini system uses quick-connect (QC) fittings making the installation simple and easy.



### How to release a tube from a quick-connect.

- (1) Push the collet down onto the fitting (closing the gap between the collet and fitting) and hold.
- (2) While holding the collet down, gently pull the tube in the opposite direction at the same time to release.



### How to insert the tube into a quick-connect.

- (1) Make sure the tube has a clean square cut with no bur present.
- (2) Push the tube firmly into the QC fitting, making sure it is located correctly (you will feel the tube 'jump' into position as you push it into the fitting). The tube is secure once it has traveled  $\frac{3}{8}$ " (15mm) into the fitting.

## Frequently Asked Questions

### **Q: Why doesn't the TDS value lower after filtration?**

**A:** The main purpose of this PureHome Mini filter is not to remove TDS. TDS stands for total dissolved solids, and it is composed of inorganic salts and a small amount of organic matter. The filter can remove harmful substances while keeping beneficial trace elements.

### **Q: When should I replace the cartridge?**

**A:** The filter's service life is related to the water quality. If the flow rate is significantly reduced or if the water has a peculiar smell, we suggest that you replace the cartridge.

### **Q: Why does black water come out during flushing?**

**A:** It's normal that black water comes out when flushing. The purpose is to remove carbon powder remaining on the surface of filter materials. You can normally use it after flushing for 5 minutes.

### **Q: What should I do if the filter is leaking?**

**A:** Turn off shut off valve first.

1. If the QC fitting is leaking, remove the tube, clean and re-insert.
2. If threaded fitting, tighten or re-tape with Teflon Tape.
3. If between the housing and base, clean the dirt inside the base, make sure the gasket is clean, and tighten it.

### **Q: What should I do if there is no water from the faucet?**

**A:** Make sure the shut off valve is open, and there is water available. If using Teflon Tape make sure it has not blocked the water supply (re-tape fittings if necessary)

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## Warranty

Nature's Air and Water warrants to the customer that its' PureHome Mini will be free from defects in material and workmanship under normal use and service for a period of one year. Nature's Air & Water will replace or repair any part of the PureHome Mini that is found to be defective in operation due to faulty materials or workmanship within one year from the date of the original purchase. Used replaceable filter cartridges and membranes are excluded.

### General Conditions

Nature's Air and Water's obligation to the customer under these warranties shall be limited, at its' option, to replacement or repair of items covered by these warranties. Prior to return or repair of covered items, the customer must obtain a return goods authorization number from Nature's Air and Water and, at Nature's Air and Water option, return the item with freight prepaid by the customer.

Damage to any part of this system because of misuse, misapplication, negligence, alteration, accident, installation, or operation contrary to our instructions, incompatibility with accessories not installed by Nature's Air and Water, or damage caused by freezing, flood, fire, or Acts of God are not covered by this warranty. In all such cases, regular charges will apply. This limited warranty does not include service to diagnose a claimed malfunction in this unit. This warranty is void if the claimer is not the original purchaser of the unit or if the unit is not operated under normal municipal water or well water conditions. Nature's Air & Water assumes no warranty liability in connection with this system other than that specified herein. This warranty is in lieu of all other warranties, expressed or implied, including warranties of fitness or a particular purpose. Nature's Air & Water liability herunder shall not exceed the cost of the product. Under no circumstances will Nature's Air and Water be liable for any incidental or consequential damages or for any other loss, damage or expense of any kind, including loss of use, arising in connection with the installation or use or inability to use the covered items. These warranties are governed by the laws of the state of Mississippi, USA, and may change at any time without notice.

# Our Products & Services

## Products



A full selection of items to maintain your Nature's Air and Water air purifier are available online at Nature's Air and Water website.