

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 Max



W-P-00-WH-002-02

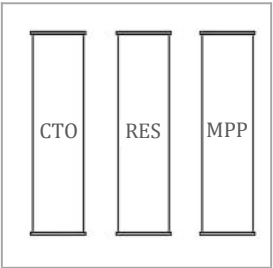


Retain owner's manual for future reference

Notes:

Our Products & Services

Products



A full selection of items to maintain your PureHome Max water filtration system are available online at [www. naturesairandwater.com](http://www.naturesairandwater.com).

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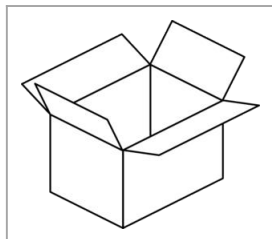
Overview

Getting Started



- Introduction
- Warnings
- Operating Guidelines
- Typical Installation

Installation



- System Contents
- Installation Kit
- Additional Parts Required
- Installation Guide
- Installation Steps

Operation Guide



- Filter Cartridge Replacement
- Troubleshooting Guide
- Warranty

Warranty

Nature's Air and Water warrants to the customer the PureHome Max will be free from defects in material and workmanship under normal use and service for a period of one year. We will replace or repair any part of the PureHome Max that we find to be defective in operation due to faulty materials or workmanship within one year of the date of the original purchase date. 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.

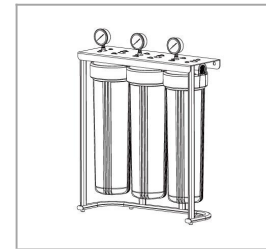
Damage to any part of this system because of misuse, misapplication, negligence, alteration, accident, installation, or operation contrary to our instructions, incompatibility with accessories not installed by Nature's Air and Water, or damage caused by freezing, flood, fire, or Acts of God are not covered 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's liability hereunder 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.

Troubleshooting Guide		
	Problem	Possible Solution
1	Leaks between filter head and filter bowl of housing	<p>Tap water pressure is too high; make sure it is below 90psi (620kpa). If too high, fit a pressure regulator.</p> <p>The O-ring may not be in place. Clean and lubricate O-ring with silicone grease. Also, clean the groove where the O-ring sits. Replace O-ring in the groove above threads. Screw the bowl back on the filter head securely by hand, then use the wrench to fit it snugly. Do not over tighten</p>
2	Leaks on inlet/outlet connections	<p>Wrap the Teflon tape around pipe threads of each fitting in a clockwise direction, add more tape as necessary for the correct seal.</p> <p>Brass fittings may require tightening 1/2-turn with a wrench. Do not over tighten</p>
3	Leaks from the pressure release button	The pressure release button has a screw under the bracket. Tighten that screw and the leaking should stop.
4	Water Pressure is slowing after some time	Recommend changing the cartridges ever 6-12 months depending on the amount of contaminants present in the feed water supply. If the system has been working correctly and the water pressure is slowing, it may be time to change the filter cartridge element. (review cartridge instructions)
5	Water Pressure is slowing immediately after installation when using a Carbon Cartridge	<p>Check the filter cartridge for proper installation. Make sure the plastic wrapper around the filter has been removed.</p> <p>Any high-flow situation may cause a temporary carbon blockage. To clear the blockage, turn off any running water for at least 10 minutes and resume using water at low or regular flow rates.</p>
6	Water appears cloudy and gray	Water may appear cloudy or gray for the first 3-5 days after installation due to tiny air bubbles being purged from the filters and extra carbon dust in the water. (depending on the filter cartridge being used)

Getting Started

Introduction

Thank you for purchasing the Nature's Air and Water PureHome. The 20-inch Max incorporates a rugged solid design, helping to deliver 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 Nature's Air and Water products.



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

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

The PureHome Max will guard your property against poor incoming water quality by removing impurities and particulates from your water such as sediment, dirt, and rust. Designed to be your first line of defense, protecting your water appliances such as washing machines, dishwashers, water heaters, and pre-treatment for home filtration systems, improving the water quality, and protecting kitchen and bathroom faucets and showers fittings from blockage.

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.

This product is not a toy; please keep children away from the water filter. Please keep packing materials out of children's reach.

Filter must be protected against freezing, which can cause cracking of the filter housing and water leakage.

To prevent the risk of costly repairs or possible water damage, it is recommended that the filter bowl be replaced every five years as a precautionary measure. If the filter housing has been in use for longer than this period, it should be replaced immediately.

This 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.

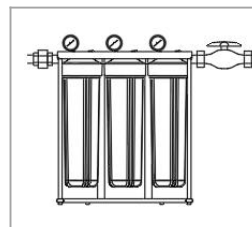
The installation of your system must comply with local and state regulations. Please check on system compliance before installing.

The O-ring provides the water-tight seal between the head and the filter bowl. The O-ring must be seated correctly in the groove above the threads of the housing, or a water leak could occur.

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

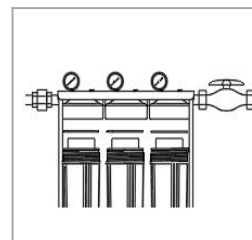
Operation Guide

Filter Cartridge Replacement

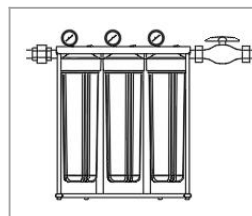


Turn off the water supply to filter. Depress the red pressure-relief button on top of the filter. Use the wrench to unscrew the filter bowl.

NOTE: If turning off the water supply to the filter will also turn off the water supply to the rest of the home, be sure to fill a bucket of water first to allow you to clean housing after it has been removed.



Locate and remove large O-ring, wipe clean of lubricant, and set aside. Discard used cartridge. Rinse out the bottom of the filter bowl and fill about 1/3 full with water. Add two tablespoons of bleach and scrub filter head and bowl with nonabrasive sponge or cloth. Rinse thoroughly. Lubricate O-ring with clean silicone grease. Insert O-ring back into the groove and smooth into place with finger. Insert new cartridge over standpipe in the bottom of filter bowl, making sure the cartridge is sitting upright (not tilted).

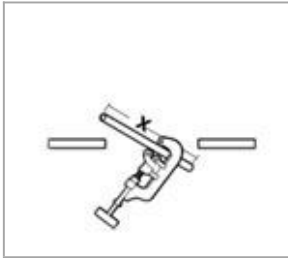


Attach the filter housing head to the bowl and tighten it by hand. Then, use the wrench to further tighten the bowl until it fits securely.

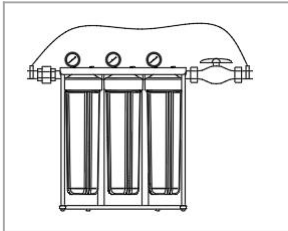
DO NOT OVER TIGHTEN.

Turn on the water supply slowly to allow filter housing to fill with water. Depress the red pressure-relief button to release trapped air until water starts to come out of the red relief button. Check for leaks before leaving installation.

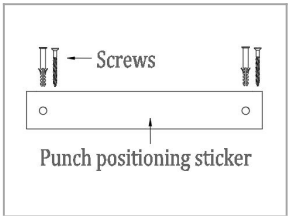
NOTE: After installing a new cartridge, flush for 10 minutes to drain, if possible, wait one hour, then flush again for 10 minutes before using the water; this will help condition the filter for use.



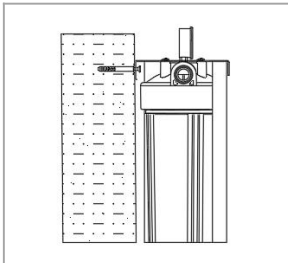
Using a pipe cutter or hacksaw, remove the marked section of pipe. Remove burrs to ensure a smooth surface without scratches. Align filter assembly with ends of the pipe, making certain filter head port is facing the incoming water supply. Connect to existing pipework.



CAUTION: If water pipes are used to ground electrical systems, appliances, or phones, be sure to install a jumper wire. (as shown) Contact your local electrician for more information.



Paste the positioning sticker on the appropriate position and drill two installation holes. Then install the two screw assemblies in the mounting holes.



After the housing has been plumbed in, carefully hang the system on the pre-installed screws. It is essential the housing is secured by the bracket and not just the pipework to support the housing's operating weight when full of water and to hold the filter head tightly when using the filter bowl wrench when replacing filters.

Once the installation is complete, slowly turn on water supply to the filter and depress the red pressure-relief button on the filter head to release trapped air until water starts to come out. Check for leaks. Open the nearest faucet and flush filter for 10-minutes, wait one hour, recheck installation for any leaks and flush again for 10-minutes.

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 unsure about the requirements.

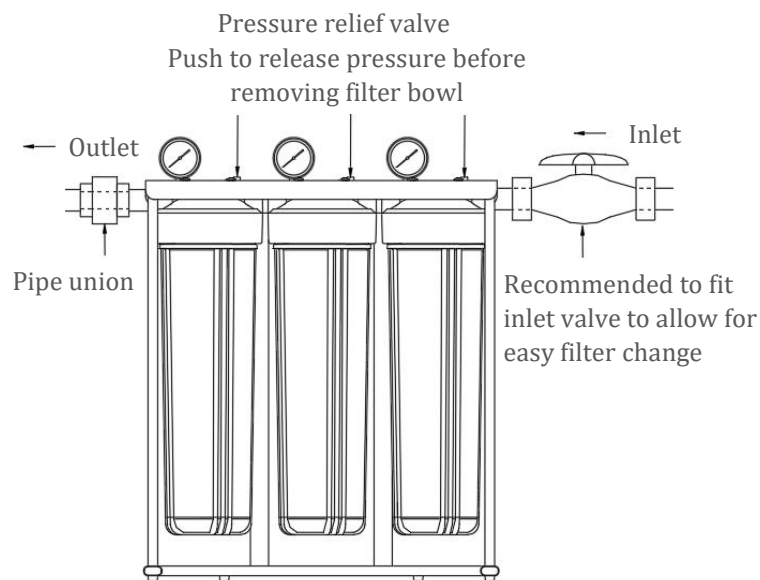
Operating Parameters	
Model	Nature's Air and Water PureHome Max
Filter Cartridge	Compatible with all standard 20" x 4.5" filter cartridges. A PP Sediment Filter, a RES Ion Exchange Resin Filter, and a CTO Activated Carbon Filter are pre-installed.
Connection Ports Inlet and Outlet	1" female NPT thread
Feed Water Pressure	Ideal feed water pressure should be between 25 and 90 psi (170 to 620 kpa) The maximum system operating pressure is 90 psi (620kpa). Install a pressure regulator if exceeding this feed water pressure
Maximum Flow Rate	15 gallons (57L) per minute
Feed Water Temperature	41-100°F (5-38°C)
Material	Food Grade Polypropylene
pH Range	6 to 11

Typical Installation

The following illustration is an example of a typical installation showing the Nature's Air and Water PureHome Max connected to your home's incoming main water supply.

If you do not already have an isolation valve near the proposed PureHome Max location, it is recommended to install a valve before the filter to allow for easy and quick filter changes.

Ensure the filter is protected from the sun and freezing conditions, which can cause cracking of the housing and water leaks.



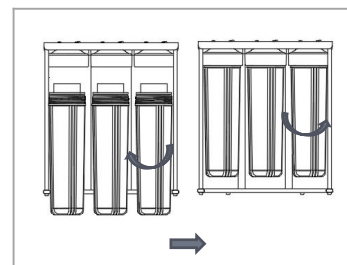
Compatible with both left-to-right and right-to-left water flow installations, the order of the filters can be reversed to accommodate your plumbing setup. For optimal performance, always insert the sediment (PP) filter in the first canister, aligning with the incoming water flow direction.

Check Space Requirements

Choose a position after the water meter and after any pressure tanks (if applicable). Determine and check the filter's size and position for proper installation into the chosen space and allow for enough space around the system for changing filters and maintenance.

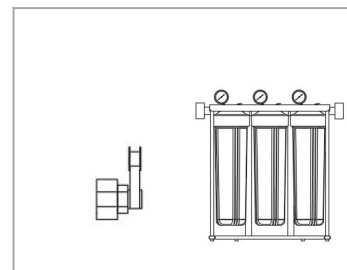
Site Preparation

Before starting the installation, Isolate the cold-water supply.



Use the wrench to unscrew the filter bowl, take out the filter cartridge, remove the protective film and label, insert the filter cartridge into the filter bowl, and then fasten it securely.

NOTE: Insert O-ring back into the groove and smooth into place with finger. Insert cartridge over standpipe in the bottom of filter bowl, making sure the cartridge is sitting upright (not tilted).



Wrap the Teflon tape around pipe threads of each fitting in a clockwise direction multiple times. Connect to existing plumbing with correct fittings for application.

DO NOT OVER TIGHTEN.

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, require installation by a licensed plumber. (plumbing code 248-CMR of the Commonwealth of Massachusetts)

Hand Tools Required

Essential hand tools are needed to install the PureHome Max. An electric drill and drill bits suitable for mounting the filter bracket to the wall. Adjustable wrench, cross-head screwdriver (Phillips), pipe cutter, or hacksaw.



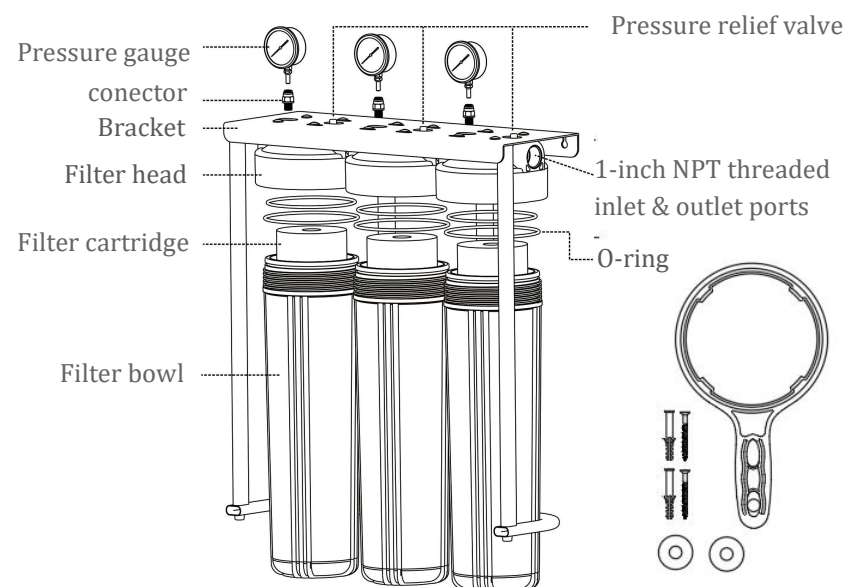
Installation Steps

The PureHome Max needs to be installed in a protected area away from direct sunlight and frost on the incoming water supply pipe for your property, like a basement or utility room.

Installation

System Contents

Your PureHome Max was carefully assembled, packaged, and shipped, complete with all the parts you should require for a standard installation (including the filter cartridges).



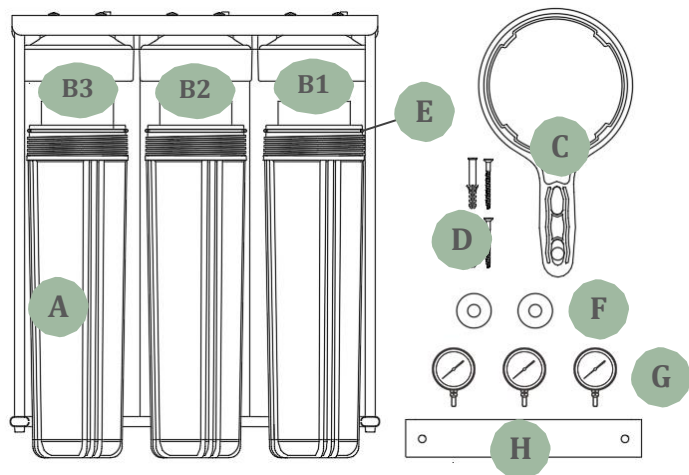
Unsure about something? Is there a problem?
Please contact Nature's Air and Water through our website.

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

Installation Kit (supplied)

Carefully unpack your PureHome Max. Layout the parts to familiarize yourself with the components and confirm all parts are present before you start the installation. Please Note: This product comes with pre-installation filter cartridges: 1st stage Sediment filter and 2nd stage GAC filter and 3rd state CTO filter.

Package Contents List	
	Description
A	Filter housing
B	20" x 4.5" filter cartridge element inside the filter housing B1: PP Sediment Filter B2: CTO Activated Carbon Filter B3: RES Ion Exchange Resin Filter
C	Fitler bowl wrench
D	Screws x2 holds Filter to the wall
E	O-rings x2 inside the filter housing (install 2 on each filter housing)
F	Teflon tapes x2
G	Pressure gauges x3
H	Punch positioning sticker



Additional parts required (not supplied)

To complete the PureHome Max installation, make sure you have the following parts before starting the installation.

Parts required(not supplied)	
	Description
1	Valve to isolate filter housing (Optional)



Optional: Isolation valve,
Stop-Cock valve,
or similar valve