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07/2022

Printed in Taiwan

Model: HV-WHS20-PRV

CLEAN WATER FOR YOU

Limited Warranty provided by manufacturer.

REV 07/2022

Made in Taiwan | 833-787-5001

Made for HYDROVOS | #2 Pingtung Taiwan

Model: HV-WHS20-PRV

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STANDARD CAPACITY 20" FILTER HOUSING WITH PRESSURE RELIEF

HV-WHS20-PRV

This standard diameter filter housing is designed for use in most homes. With a 3/4" inlet/outlet, it is able to connect right into your incoming tap or well water line.

Equipped with a pressure relief valve, to aid filter changes, and sized to hold most manufacturer's standard 20" element, the **HV-WHS20-PRV** is a great choice for any home.

HYDROVOS filter housings utilize **F.I.T.SECURE™** proprietary element compression technology ensuring a bypass free seal on most filter elements.

HYDROVOS means clean water for you.



COMPONENT

This HV-WHS20-PRV is Tested and Certified by NSF International against NSF/ANSI Standard 42 for material requirements only.

Parts and Materials Included

- A. Mounting Bracket
- B. Connector Clips (2)
- C. Adaptors (2)
- D. Filter Head
- E. O-rings (Qty 2)
- F. 20" Housing Sump

Tools & Parts Needed

Gather the required tools before starting installation. Read and follow the instructions provided with all tools listed here.

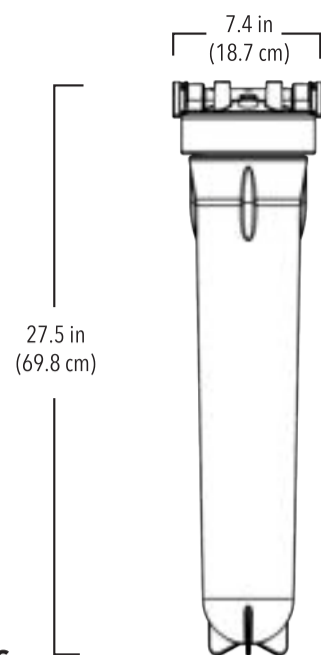
1. Teflon® Tape
2. Adjustable Wrench
3. Pipe Cutter
4. 2 (two) 3/4" FNPT x 3/4" fittings for copper pipe
5. When installing on metallic plumbing: two grounding clamps and #4 copper wire



6. Filter Wrench - Part: #HV-WR-PRV20S (Not included)

Installation Requirements

- Properly tighten all fittings to ensure a leak-free assembly.
- Filter housing is intended for use on cold water line.
- Install in a location that is not susceptible to freezing temperatures as damage to the housing could occur.
- Install away from direct sunlight as prolonged exposure to light can weaken plastic components.
- Allow a minimum of 2" (5.1 cm) clear space below unit to facilitate filter change.
- Some local codes may require the use of a licensed plumber or certified installer when disrupting a potable water line. Determine and follow any and all local codes and requirements.
- Pipe and filter need to be properly supported with pipe hangers.
- When installing on metallic plumbing: two grounding clamps and #4 copper wire.



FEATURES

- 3/4" inlet and outlet
- Built-in pressure release valve
- Blue opaque housing sump
- For use with genuine PURERITE filter elements
- Temperature rated to 100° F
- Features **F.I.T.SECURE™** filter compression technology

BENEFITS

- Fits most 3-4 bedroom homes
- Eliminates sputter at faucet after filter change
- Robust, proprietary design
- Flexibility in filter selection
- For use in any U.S. geography

APPLICATIONS

- For residential use only
- For cold water use only
- For use in garage or basement
- Treats whole house at inlet
- Use with HYDROVOS sediment or carbon filters

Installation Instructions

For Use With Cold Water Only.

1. Shut off main water supply. Drain water from water lines.
2. Remove housing from filter head and set aside.
3. Lubricate double o-rings on 3/4" adapters (included)
4. Press adapter into inlet and outlet ports until seated. Install red locking clips into space provided. Wrap Teflon® tape (2 1/2 wraps) around the 3/4" FNPT copper adapters after you wrap the tape. Do not use pipe sealant (dope), as solvents in some types of pipe dope may cause damage to plastic fittings. Do not overtighten, overtightening can cause damage to filter head.

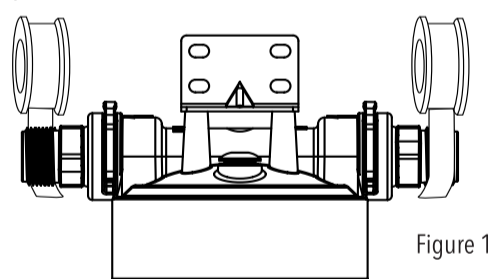


Figure 1

5. Calculate proper spacing of components (approximately 3/4" of existing pipe inserts into each fitting) (see Figure 2.)

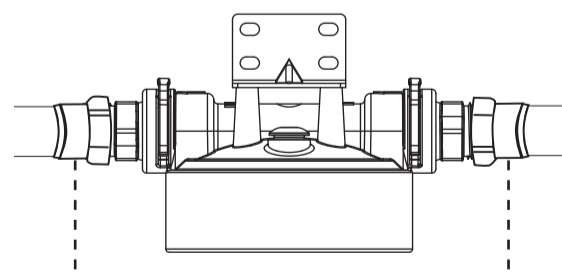


Figure 2

WARNING



Electrical Shock Hazard
Prior to installation on metallic plumbing, securely install two grounding clamps and a #4 copper wire per installation instructions. Failure to follow these instructions can result in death or electrical shock.

6. When installing on metallic plumbing: Securely install two grounding clamps and a #4 copper wire across the location where the system will be installed, tightly clamping it at both ends as shown in figure 3 (next page.)

CAUTION

- If water pressure can exceed 100 psi at anytime then a pressure regulator must be installed.
- This filter housing is for residential use only.
- Opaque sumps should be replaced every 5 years.
- Read all instructions or manuals provided with the system before installing.

1 YEAR LIMITED WARRANTY

WHAT IS COVERED UNDER THE LIMITED WARRANTY?

[HYDROVOS] warrants to the original consumer who purchased the Product that the Product is free of defects in materials and workmanship during the warranty period ("Warranty"). The warranty Period, together with any warranties implied by law, shall be limited to a duration of one (1) year from the original date of purchase by the consumer. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Warrantor does not authorize anyone to assume for it any liability or to make on its behalf any additional warranties in connection with this Product or any part thereof.

WHAT IS NOT COVERED UNDER THE LIMITED WARRANTY?

This Warranty does not cover any damage that results from abuse, misuse, alteration or other actions or events beyond the control of HYDROVOS, including, but not limited to, damage caused by accident, fire, flood, freezing, Acts of God, misapplication, neglect, or exposure to oxidizing agents (such as chlorine, ozone, chloramines and other contaminants). This Warranty also does not cover damage to the Product that results from improper installation, use of the Product, or use of accessories or components that are not comply or conform to Product's specifications. The Product must be used in operating conditions that conform to Warrantor's recommended design guidelines. Refer to the specifications section in the Installation and Operating manual for approved application parameters. This Warranty is void if the Product is modified, repaired or altered by some-one not authorized by Warrantor.

WHAT ARE YOUR REMEDIES UNDER THIS LIMITED WARRANTY?

During the Warranty Period, HYDROVOS will, in its sole discretion, either (a) repair or replace a Product (or part) that is defective free of charge or (b) refund the purchase price of such Product. HYDROVOS's obligations of repair, replacement, or refund are conditioned upon the return of the defective Product to HYDROVOS in accordance with the terms of this Warranty. This Warranty does not cover any labor, transportation, or shipping expenses incurred.

Specifications

Model: HV-WHS20-PRV

(For use with replacement cartridge HV-WHS20-5M)

Min./Max. Temperature: 40 - 100° F

Min./Max. Operating Pressure: 20 - 125 psi

Flow Rate: 16 GPM (60 LPM)



HOW DO YOU TO OBTAIN WARRANTY SERVICE?

To obtain warranty service, you must notify HYDROVOS during the Warranty Period by calling 833-787-5001 or sending an email to warranty@hydrovos.com and providing: (a) prove of purchase, which may include the original receipt, order form, or bill of sale, (b) identification of the Product involved including its model or serial number, and (c) a description of the nature of the defect.

LIMITATION OF LIABILITY

THIS WARRANTY AND THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND ARE PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, WHETHER ORAL OR ARISING BY USAGE OF TRADE OR COURSE OF DEALING, INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF FITNESS OR MERCHANTABILITY. THIS WARRANTY DOES NOT COVER AND IS INTENDED TO EXCLUDE ANY LIABILITY ON THE PART OF WARRANTOR, WHETHER UNDER THIS WARRANTY OR UNDER ANY WARRANTY IMPLIED BY LAW, FOR ANY ANTICIPATED OR LOST PROFITS, INCIDENTAL DAMAGES, SPECIAL DAMAGES, GENERAL DAMAGES, CONSEQUENTIAL DAMAGES, COSTS, TIME CHARGES OR OTHER LOSSES, WHETHER BASED ON BREACH OF CONTRACT, TORTIOUS CONDUCT OR ANY OTHER THEORY, INCURRED IN CONNECTION WITH THE PURCHASE, INSTALLATION, REPAIR OR OPERATION OF THIS PRODUCT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

Filter Cartridge Replacement Instructions

NOTE: Before changing cartridge, turn off water supply. Place a bucket under filter to catch the small amount of water that will run out after housing removal.

1. Shut off water supply.
2. Relieve pressure in housing by pressing red button.
3. Using a filter wrench unscrew the housing.
4. Remove spent cartridge taking care not to misplace o-rings (Note there are two o-rings in this housing)
5. Wash housing thoroughly with mild soap and water.
6. Lubricate o-rings and properly seat in o-ring grooves in the housing sump.
7. Insert new cartridge and reinstall housing.
8. Hand tighten sump, do not use filter wrench. Do not over tighten sump.
9. Slowly turn on water while pressing red button to purge air from housing. If any leaks appear, tighten housing as needed.
10. Flush system for five (5) minutes.

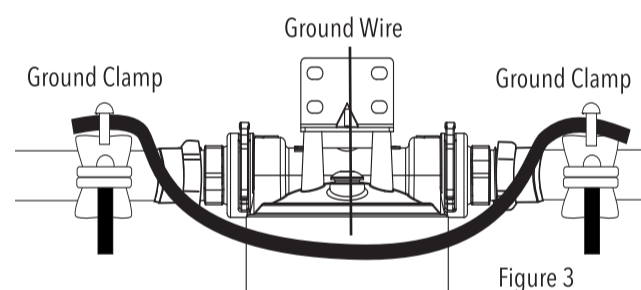


Figure 3

7. Cut pipe and clean ends of pipe. Ensure there are no burrs, sharp edges or deep scratches.
8. Insert pipe into filter head fitting making sure end of pipe is firmly seated to backstop. Connect pipe from water supply to "IN" port (see Figure 4.)

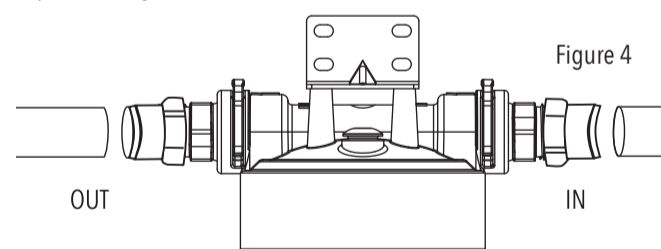


Figure 4

9. Repeat Step 7 for the pipe leading from the "OUT" port to the house. It may be necessary to carefully spread pipe apart in order to connect pipes. Keep filter head horizontal.
10. Lubricate housing o-rings with water. Firmly screw housing, with filter inside, to filter head.
11. Slowly turn on main water supply and check for leaks. Run water for 5 minutes with an open faucet to flush out air.

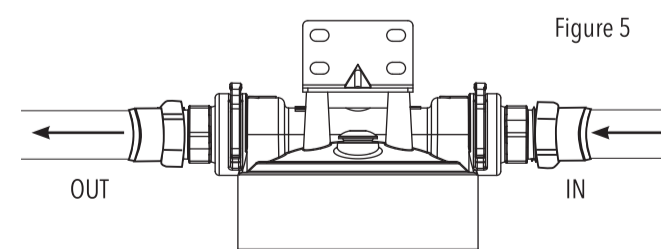


Figure 5

Troubleshooting Guide

Water Leaks at Fittings: Tighten slightly more until leak stops.
If Leaks Persist: Shut off water at the house water supply shutoff valve, remove threaded fittings, reapply Teflon® tape in a clockwise direction and screw back onto head assembly.
Water leaks at Sump: If sump is leaking, either lubricate and reseal O-ring, or replace O-ring.

If water flow slows: Replace used filter with new sediment filter

Company Information

To contact the customer service toll free in the U.S.A. and Canada, call us at 1-833-787-5001 or visit us online at: www.hydrovos.com

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STANDARD CAPACITY 20" FILTER HOUSING WITH PRESSURE RELIEF

MODEL: HV-WHS20-PRV
INSTALLATION, USE & CARE GUIDE

