PENTAIR

# **EVERPURE** H SERIES WATER FILTRATION SYSTEMS
# SISTEMA DE FILTRACIÓN DE AGUA DE LA SERIE H
# H SÉRIE SYSTÈME DE FILTRAGE D'EAU

Thank you for purchasing an Everpure* commercial-grade water filtration system for your home. With your Everpure system, you get premium quality water direct from your tap that's great-tasting, healthful and convenient for you and your family.

**Product Specifications:**

- For Cold Water Use Only
- Temperature Range: 35-100°F (2-38°C)
- Min.-Max. Working Pressure: 10-125 psi (0.7-8.6 bar)
- Service Flow Rate: 0.5 gpm (1.9 Lpm)

**THE OWNER'S GUIDE IS APPLICABLE FOR THE FOLLOWING EVERPURE FILTER MODELS:**

**Model H-54** Rated Capacity: 750 gal (2,839 L)†
**Model H-300** Rated Capacity: 300 gal (1,136 L)†
**Model H-104** Rated Capacity: 1,000 gal (3,785 L)†
**Model H-300-HSD** Rated Capacity: 300 gal (1,136 L)†
**Model H-300-NXT** Rated Capacity: 300 gal (1,136 L)†
**Model H-1200** Rated Capacity: 1,000 gal (3,785 L)†

†For optimum performance, cartridge replacement is required once a year, or sooner if flow becomes too slow for convenience, or if the unit's rated capacity is reached.

For purchase of replaceable components please contact your local distributor.

**H-1200** customers: Instructions for installing the H-1200 begin on page 6 of this Installation and Operation Guide.

**⚠ WARNING** The Universal Plumbing Code adopted by over 20 states, and other specific state and county codes, prohibit the use of saddle valves and their use is never recommended. You must adhere to your state/local plumbing codes. Consult your licensed plumber if you have related questions.

**⚠ WARNING** Do NOT use copper tubing with the John Guest Fittings provided with your Everpure Filter System. Copper tubing may appear to fit, but water leaks will develop over time and use. If copper tubing is required, you must use copper compression fittings available from any hardware/plumbing supply.

## CALIFORNIA PROPOSITION 65 WARNING

**⚠ WARNING This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.**

**Multiple Appliance Connections:** You can also connect your Everpure Filter to the refrigerator for ice and water, an instant hot water dispenser or chiller, or a plumbed-in coffee brewer. Simply install connection "tees" (available from any hardware/plumbing supply) in the water line between the filter and the faucet adaptor, and run new tubing to each appliance.

**NOTE:** *DO NOT connect this system to a commercial ice maker. These appliances require flow and volume beyond the design limits of your under-sink filter system.*

**NOTE:** *If connecting to a home icemaker and there is no filter faucet connection under the sink, a flush valve is required.*

## BASIC INSTALLATION INSTRUCTIONS

**Tools Needed For Installation**

• #2 Phillips Screwdriver • Wrench • Pencil
• Utility Knife • Measuring Tape

### 1. OPEN CARTON & INSPECT PARTS

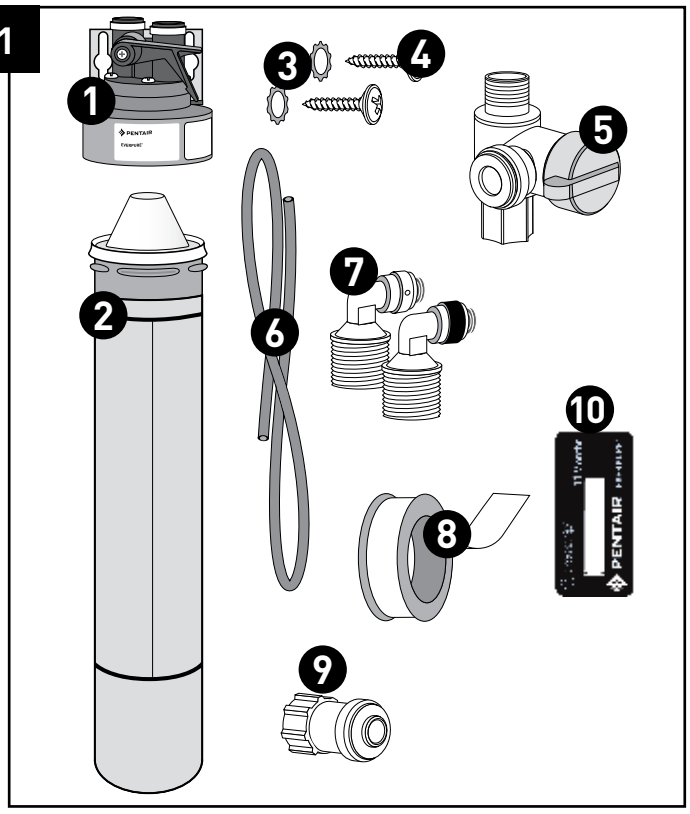
Installation Parts

| Key | Description | Part No. |
|---|---|---|
| 1 | QL3 Filter Head (incl. Qty. 2 ea of ❸ & ❹) | EV925831 |
| 2 | Filter Cartridge (incl. ❿) | |
| | – Model H-54 | EV925268 |
| | – Model H-300 | EV927072 |
| | – Model H-104 | EV961211 |
| | – Model H-300-HSD | EV927075 |
| | – Model H-300-NXT | EV927441 |
| 3 | Locking Washers (2 req.) | EV306204 |
| 4 | Screws (2 req.) | EV306196 |
| 5 | Angle Stop Valve Adaptor | EV312120 |
| 6 | Tubing, 1/4" poly (per foot) | A0860119 |
| 7 | Elbow Fitting Pack Restrictor (incl. Qty. 2 ea of ❸ & ❹) | EV308168 |
| 8 | Plumbers Tape | EV312119 |
| 9 | Faucet Connector | EV312135 |
| 10 | Everpure Filter Timer | EV314160 |

### 2. VERIFY UNDER-SINK MOUNTING LOCATION

Measure 22" from the base of the cabinet, and mark the mounting location for the top of the filter head. Make sure there is adequate space above the head to open and close the built-in shut off valve and to avoid crimping the water line tubing. Also, make sure your chosen location offers easy access for future cartridge changes.

1

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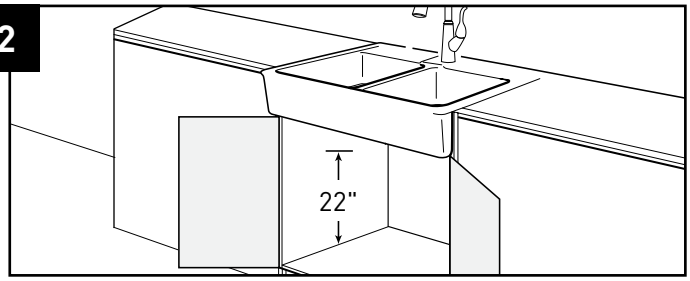


| DIMENSION | Width | Height | Depth |
|---|---|---|---|
| H-54 | 5" | 15" | 5" |
| H-104 | 5" | 20" | 5" |
| H-300 | 5" | 22" | 5" |
| H-300-HSD | 5" | 22" | 5" |
| H-300-NXT | 5" | 22" | 5" |

**NOTE:** *The head and cartridge must be mounted in the vertical position, with the cartridge hanging down.*

**3. MOUNT FILTER HEAD UNDER SINK**

A. Identify Filter Head and the two Elbow Fittings, and note that the Outlet Fitting has a black band. This fitting includes a small restrictor insert to ensure maximum flow at 0.5 gpm (1.9 Lpm) per minute.

B. Apply Plumbers Tape to the threads of each Elbow Fitting. Wrap tape in direction of the threads to assure a tight fit and avoid small leaks.

C. Screw Inlet Elbow Fitting into the left side of the filter head, and hand tighten only.

D. Screw Outlet Elbow Fitting (black band) into the right side of the filter head in the same manner.

E. Securely mount the filter head on the cabinet wall using the enclosed mounting screws and washers.

**4. ATTACH INLET WATER SUPPLY**

F. Locate and close the cold water Angle Stop Valve under your kitchen sink. Open cold water line of faucet to release water pressure.

G. Unscrew and disconnect the braided tubing on top of the Angle Stop Valve.

H. Attach the bottom of Angle Stop Adaptor to the existing cold water Angle Stop Valve.

I. Attach the braided tubing to the top of the Angle Stop Adaptor.

J. Close side valve on Angle Stop Adaptor and open cold water Angle Stop Valve to return water service to kitchen sink. Check for leaks.

**NOTE:** *Plumbers Tape should not be required for these next steps.*

K. Measure length of tubing needed to connect Angle Stop Adaptor to Inlet Elbow Fitting on Filter Head. Allow adequate tubing to avoid sharp turns.

L. Cut tubing at a 90° angle using a sharp knife.

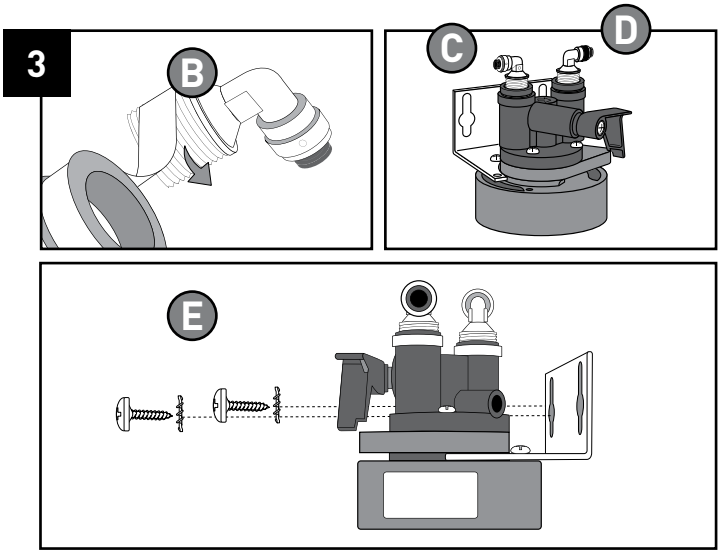
M. Insert ends of tubing into quick-connect fittings. Push tube into fitting and gently pull to confirm a tight fit.

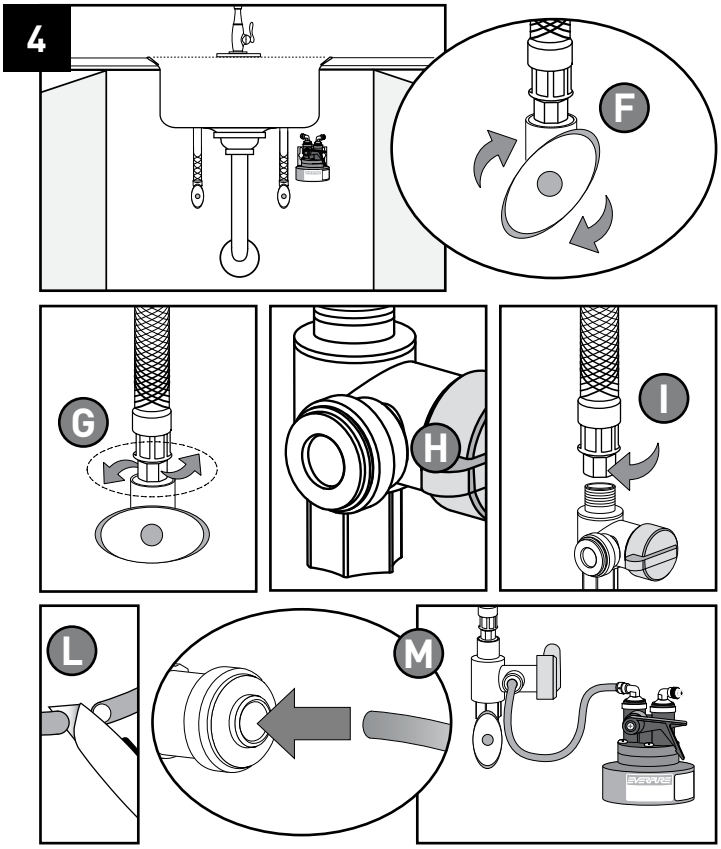
**5. ATTACH FILTERED WATER TO SINK FAUCET**

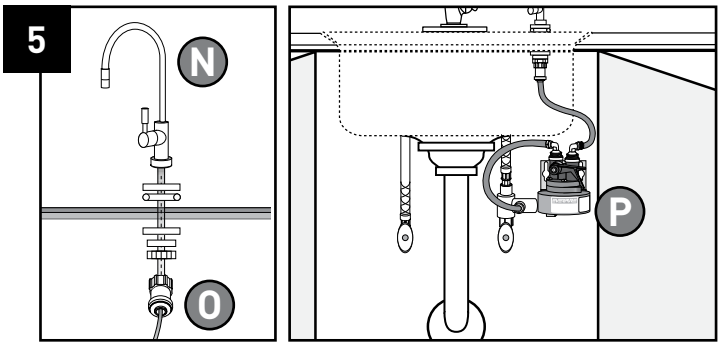
N. Install separate faucet for filtered drinking water. Follow individual manufacturer's instructions.

O. Attach Faucet Connector Fitting to bottom end of threads on new faucet assembly. Plumbers Tape should not be required for this step.

P. Measure length of tubing needed to connect the Outlet Elbow Fitting on Filter Head to the new Faucet Connector Fitting. Allow adequate tubing to avoid sharp turns. Cut and insert each end of the tubing into the fittings.



**6. INSTALL AND FLUSH FILTER CARTRIDGE**

Q. Lift handle of the built-in shut off Valve on the Head.

R. Hold Head firmly with one hand.

S. Align cartridge lug with label on filter Head.

T. Insert filter Cartridge – Push upwards.

U. Turn it to the right – About 1/4 turn – Until rotation stops.

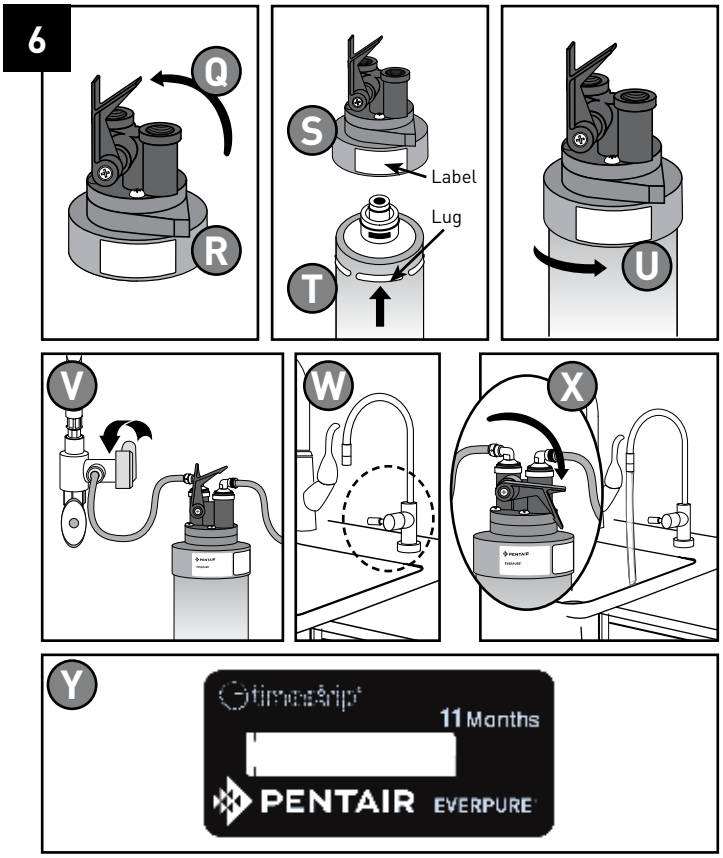
V. Open Side Valve of Angle Stop Adaptor and check for leaks up to Inlet Elbow Fitting.

W. Open Filtered Water Faucet.

X. Lower handle of built-in shut off valve on the Head, to flush water to the sink.

**NOTE:** *Flush new filter cartridges for at least 3 minutes (flush H-1200 system for at least 7 minutes) to remove air and any loose carbon. At first the water may appear cloudy due to trapped air in the filter and tubing. If water continues to be cloudy for more than one week, please contact Everpure Technical Services for assistance.*

Y. Activate Filter Timer by pinching bubble until you feel a change in resistance as the filter timer "pops". Within a few seconds, a thin RED line will appear in the white window showing the Timestrip has been activated. Peel away backing and adhere to desired location. When the white window is completely filled with RED, it is time to replace your product.




## H-1200 INSTRUCTIONS

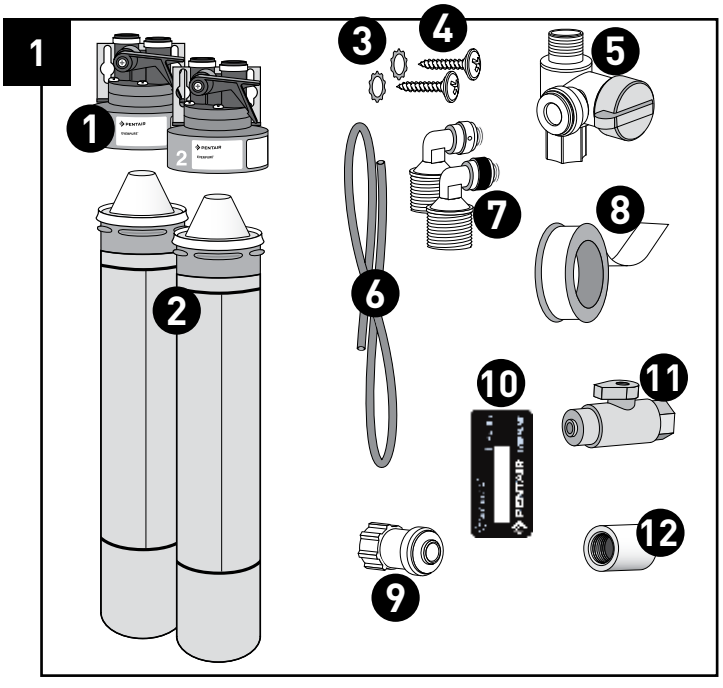
**Tools Needed For Installation**

- #2 Phillips Screwdriver
- Wrench
- Utility Knife
- Measuring Tape
- Pencil

**1. OPEN CARTON & INSPECT PARTS**

Installation Parts

| Key | Description | Part No. |
|---|---|---|
| 1 | Twin Filter Head | N/A |
| 2 | H-1200 Filter Cartridges (Set of 2) (Includes ⑩) | EV928201 |
| 3 | Locking Washers (2 req.) | EV306204 |
| 4 | Screws (2 req.) | EV306196 |
| 5 | Angle Stop Valve Adaptor | EV312120 |
| 6 | Tubing, 1/4" poly (per foot) | A0860119 |
| 7 | Elbow Fitting Pack Restrictor (incl. Qty. 2 ea of #3 & #4) | EV308168 |
| 8 | Plumbers Tape | EV312119 |
| 9 | Faucet Connector | EV312135 |
| 10 | Everpure Filter Timer | EV314160 |
| 11 | Shut Off Valve, 3/8" John Guest x 3/8" FPT | EV309860 |
| 12 | Coupler, 3/8" FPT Stainless | EV312350 |



## 2. VERIFY UNDER-SINK MOUNTING LOCATION

Measure 22" from the base of the cabinet, and mark the mounting location for the top of the filter head. Measure 13" for the width required for the H-1200 System with dual cartridges. Make sure there is adequate space above the head to open and close the shut-off valve and to avoid crimping the water line tubing. Also, make sure your chosen location offers easy access for future cartridge changes.

| DIMENSION | Width | Height | Depth |
|---|---|---|---|
| H-1200 | 13" | 22" | 5" |

**NOTE:** The head and cartridge must be mounted in the vertical position, with the cartridge hanging down.

## 3. MOUNT FILTER HEAD UNDER SINK

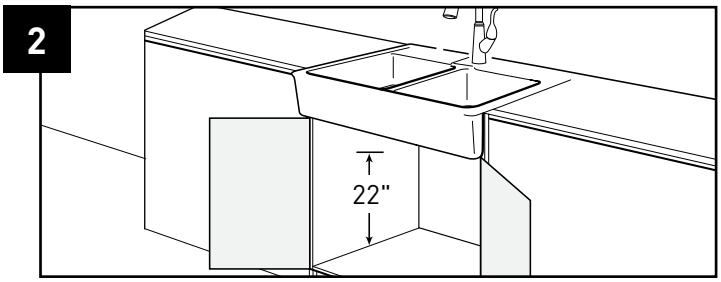
A. Identify Dual Filter Head and Shut Off Valve (EV309860).

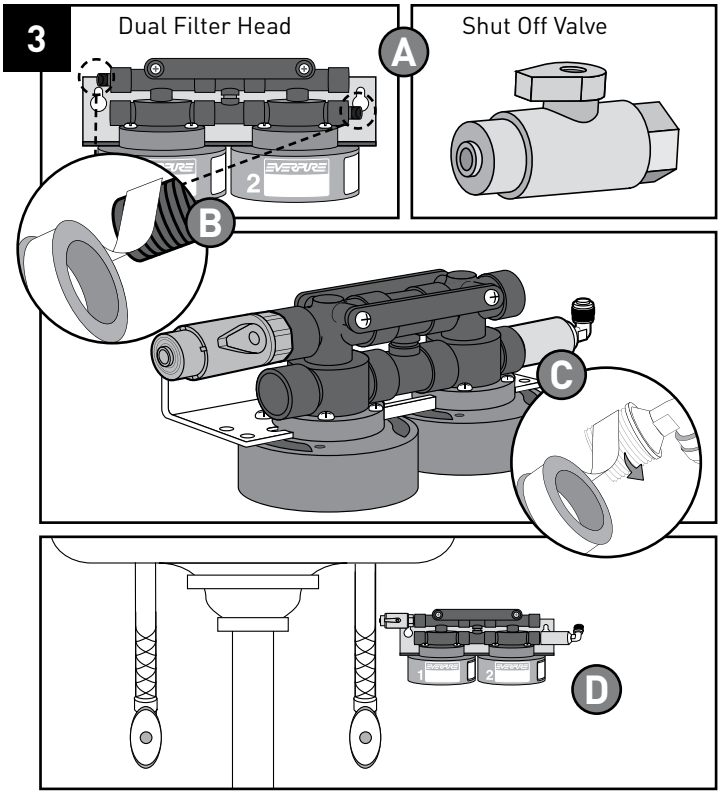
B. Apply Plumbers Tape to the threads on the inlet (left) side of the Head. Screw on the new Shut Off Valve and hand tighten. Repeat for the Stainless Coupler (EV312350) for the outlet (right) side of the Head.

C. Apply Plumbers Tape to the threads of the Outlet Elbow Fitting (black band). Screw into the outlet of the Stainless Coupler. Wrap tape in direction of the threads to assure a tight fit and avoid small leaks.

D. Securely mount the filter head on the cabinet wall using the enclosed mounting screws and washers.

4. **Go to page 5 and follow Basic Installation Instructions, Steps 4, 5, and 6, to complete the H-1200 System installation.**




## CLAIMS & NOTES

This installation must comply with all applicable state and local regulations.

Do no use with water that is microbiologically unsafe or unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on waters that may contain filterable cysts.

Testing was performed under standard laboratory conditions, actual performance may vary.

EPA Est. No. 002623-IL-002

H-54, H-300, H-104, H-300-HSD & H-1200 Systems Tested and Certified by NSF International against NSF/ANSI Standards 42 and 53 of claims specified on the Performance Data Sheet.

This H-300-NXT System Tested and Certified by NSF International against NSF/ANSI Standard 42, 53 and 401 of claims specified on the Performance Data Sheet.

NSF/ANSI Standard 401 have been deemed as "incidental contaminants/emerging compounds". Incidental contaminants are those compounds that have been detected in drinking water supplies at trace levels. While occurring at only trace levels, these compounds can affect the public acceptance/perception of drinking water quality.