EVERPURE
FROM PENTAIR WATER SOLUTIONS

Everpure HERO Series Commercial Water Purifier

Instruction Manual

Before using this product, please read this manual carefully and keep it properly for future reference.

Instruction Manual

Users should strictly adhere to the installation specifications delineated in this manual. Professional installation services should be sought, and the water purifier must be operated in accordance with the instructions provided herein. Failure to do so absolves the company from any financial or legal liabilities arising from damages to the water purifier or leaks.

- Periodically inspect the water purifier and its associated pipeline components to identify and rectify potential leaks, mitigating the risk of property damage.
- Utilize replacement parts approved exclusively by Pentair Water (Suzhou) Co., Ltd.
  The use of unauthorized parts or accessories, resulting in issues, compromised performance, or property damage, falls outside the purview of the manufacturer's limited warranty.
- Maintenance and replacement of filter components for this water purifier are provided as fee-based services.
- It is crucial to diligently preserve this user manual for post-sales reference.

The sole authority for interpreting the aforementioned terms lies with Pentair Water (Suzhou) Co., Ltd.

Precautions

- All contents within these precautions pertain to safety and must be adhered to by users.
- The precautions provided are intended solely for the correct usage of this product.
- The degree of danger and potential accidents that may arise are elucidated within these precautions.

⚠ Attention

1. Upon unpacking, the product should be inspected for any damage, and it should be verified that all accessories are present.
2. It is essential that this product be installed and maintained by authorized and qualified professionals. Improper maintenance of the system may lead to compromised performance, a shortened service life, or even the generation of wastewater.
3. The new tube assembly provided with the water purifier must be utilized; old tube assemblies should not be reused.
4. During operation, the power plug of the water purifier should be fully inserted into the power outlet, ensuring a secure connection between the plug and the outlet.
5. When an extension cord power outlet is employed, it must conform to national standard requirements.
6. The normal operating sound of this product does not exceed 65dB(A). In the event of abnormal noise, odor, high temperature, or malfunction, usage should be discontinued immediately, the switch turned off, and the power disconnected.
7. Accessories not approved by the manufacturer should not be used. Should machine failure occur as a result, the warranty will be automatically voided.
8. The filtration output flow rate of the reverse osmosis (RO) membrane is influenced by water quality, water pressure, and water temperature. When the water quality fails to meet standards, the water pressure is insufficient, or the water temperature is below 25°C, the output flow rate will be lower than the standard value.
9. When initiating use for the first time or resuming use after a prolonged period of disuse, flushing should be carried out in accordance with the instructions provided in the manual.
10. Regular cleaning and replacement of the filter elements should be conducted as stipulated in the manual.
11. The concentrated water produced by this product can be used for watering plants or cleaning bathrooms, etc., but is not suitable for drinking or consumption. If you have any questions, please consult the merchant for more information.
12. It is recommended not to share the power outlet with other high-power electrical devices. The inlet water temperature of this system must be within the range of (5-38°C / 41-100°F). It is only suitable for indoor use in environments with a temperature and relative humidity not exceeding [specify the relative humidity limit if applicable]. When the water temperature or ambient temperature drops below 4°C, please turn off the water supply line of this water purifier (also turn off the angle valve) and drain the water inside the purifier. If the water supply line or water purifier freezes, it may cause malfunction, damage to the housing or water supply line, and other hazards.

13. The system's inlet water must be municipal tap water. Do not connect unsafe or unknown water sources to this machine.
14. The system should be installed in a location conducive to drainage. There should be no power sources below the installation position of this machine.
15. The system should not be used near flammable or explosive materials or in similar environments.
16. The system is not suitable for installation in locations where it may be splashed with water. Clean the water purifier with clean water and wring it out. Do not directly sprinkle water to clean the machine. Do not use steel wire, abrasive cleaners, or corrosive liquids (such as gasoline or acetone) to clean the system.
17. Disassembly of this product by users or modification of its internal wiring, components, or protective devices should not be attempted.
18. Prior to any maintenance or servicing, the power must be disconnected. If water is present on the electrical wires or components, the power adapter should not be plugged into the power outlet.
19. Tampering with the equipment, including by children, should not occur. Machine damage resulting from human factors or the natural environment is not covered by the warranty.
20. During the installation and operation of this machine, exposure to direct sunlight should be avoided, as it may cause damage to the controller, power supply, plastic filter bottles, piping, and other non-metallic components.
21. During installation, the convenience of use and the space required for maintenance and movement should be taken into consideration.
22. Should any queries arise after installation, the dealer from whom the machine was purchased should be contacted. A dedicated representative from the dealer/service provider will be dispatched to offer assistance.
23. Logos such as PENTAIR and EVERPURE, which appear on PENTAIR products, user manuals, and packaging, represent various registered trademarks of PENTAIR Company. The trademark name incorporated within this product is EVERPURE.

ⓘ Warning

1. When the utilization of an extension cord power outlet is required, it is imperative that an extension cord power outlet conforming to national standard requirements be employed. The total rated current value of the water purifiers connected to the extension cord power outlet should not exceed the rated current value of the original fixed socket or circuit.
2. This product should not be operated in the vicinity of flammable or explosive materials or in similar environments.
3. Users should refrain from disassembling this product by themselves. No alterations should be made to the internal wiring, components, or protective devices.
4. When removing the plug from the socket, no pulling force should be applied to the power cord.
5. Users should not replace the fuses of this product and the power supply with ordinary conductive materials or fuses exceeding the specified current capacity.
6. Usage of this product in environments with a temperature below 4°C is prohibited. When the ambient temperature drops below 4°C, the water inside the appliance should be drained.

7. This product is intended for household and similar purposes, such as in staff kitchens in shops, offices, or other working environments; on farms; for customer use in hotels, motels, and other residential-type environments; and in similar environments where only bed and breakfast are provided. The appliance should not be used in other environments.
8. This product should not be used by individuals (including children) with physical, sensory, or mental disabilities or those lacking experience and knowledge in its use, unless they are under the supervision or guidance of a person responsible for their safety regarding the use of the product.
9. Children should be supervised to ensure that they do not play with this product.
10. This product should only be used in conjunction with the power supply unit delivered with it.
11. Improper use may lead to potential injuries.
12. Improper use of the power cord and power plug should be avoided.
13. Damage to the power cord and power plug should be prevented.
14. Inserting or removing the power plug with wet hands is prohibited.
15. The use of damaged plugs or loose sockets should be avoided (to prevent fires and electric shocks).
16. If the power supply cord is damaged, it must be replaced by the manufacturer, its service agent, or a similar professional to avoid hazards.
17. Spillage of liquids onto the power connector should be prevented.
18. Clutter should not be placed around the product to ensure adequate heat dissipation.

II. Unpacking Inspection

Item	Quantity	Remarks
Complete System Components		
PCF Series Integrated Composite Cartridge	2 pieces	
HCF Series Integrated Composite Filter Cartridge	2 pieces	
ROS Series Integrated Polyphosphate Reverse Osmosis Membrane Composite Filter Cartridge	1 piece	
Instruction Manual	1 copy	
Accessory Kit	1 set	

III. Product Introduction

The Everpure HERO Series Commercial Water Purifier is a multi-specification/flow-rate intelligent TDS blending system specifically designed for the commercial catering industry, including coffee and tea beverages. It is suitable for various end-use equipment such as coffee machines, ice makers, tea extractors, mixed beverage dispensers, and soda machines. This product boasts the following features:

1. Models equipped with an automatic TDS blending module can automatically adjust the TDS level of the output water, ensuring consistent water quality.
2. It utilizes Everpure's proprietary composite filter cartridge, which offers strong dirt-holding capacity and enhances the taste of the water.

3. With its compact footprint, the purifier can be either wall-mounted or installed under the kitchen counter, providing unrestricted space utilization.
4. It incorporates built-in IoT functionality, enabling remote connection to cloud platform data for optimized operational costs.
5. The purifier features a touch-sensitive colour screen design, allowing for easy monitoring of output water quality and filter cartridge lifespan at a glance.

Using municipal tap water that meets national standards as the raw water source, after treatment by the Everpure HERO Series Commercial Water Purifier, the purified water output complies with the requirements of the "Hygienic Safety and Functional Evaluation Specifications for Domestic Drinking Water Quality Processors - Reverse Osmosis Treatment Devices" (2001). The blended purified water output meets the requirements of the "Hygienic Safety and Functional Evaluation Specifications for Domestic Drinking Water Quality Processors - General Water Quality Processors" (2001).

IV. Technical Parameters

Product Description	EVERPURE HERO Series Commercial Water Purifier				
Product Specifications	400G	600G	800G	1200G	1600G
Product Dimensions (mm)	482*280*515	482*280*608	482*280*608	493*280*708	493*280*708
Inlet Water Pressure (MPa)	0.2-0.4				
Operating Pressure (MPa)	0.25-0.85				
Purified Water Flow Rate* (L/min)	1.0	1.5	2.0	3.0	4.0
Rated Total Volume of Purified Water* (m^3)	8	12	13	15.5	16
Blended Water Flow Rate* (L/min)	2.0	2.7	3.0	4.4	5.0
Rated Total Volume of Blended Water* (m^3)	10	14	15	19	21
Operating Weight (kg)	24	27	27	30	30
Rated Power Supply Frequency (Hz)	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz
Rated Power (W)	85	85	85	165	165
Applicable Water Quality	Municipal tap water				
Applicable Water Temperature (°C)	5~38				
Applicable Ambient Temperature (°C)	4~40				
Water Quality Standards for Output Water	"Hygienic Safety and Functional Evaluation Specifications for Domestic Drinking Water Quality Processors - Reverse Osmosis Treatment Devices" (2001) "Hygienic Safety and Functional Evaluation Specifications for Domestic Drinking Water Quality Processors - General Water Quality Processors" (2001)				
Product Implementation	Q/320505PT302				

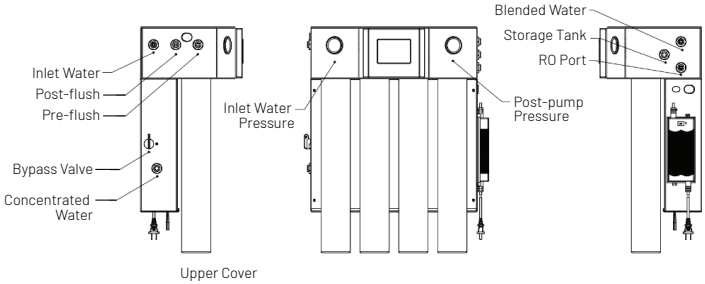
Remarks:

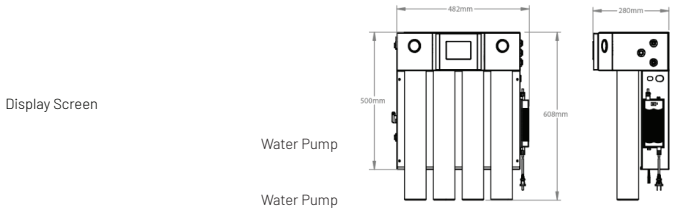
1. The parameters marked with * above are results obtained from tests conducted in accordance with China's MOH (Ministry of Health) standard testing methods.
2. For the matching of product performance parameters with product models, please refer to the product nameplate.
3. The dimensions provided above are solely for the HERO complete unit. If additional support brackets or bases are required for the machine, an estimated height increase of 72mm should be considered.

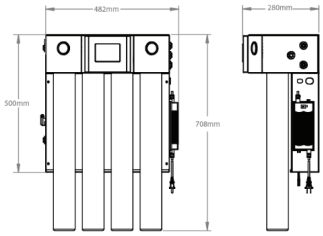
V. Installation Guide

1. Select a load-bearing wall location that can support the total operating weight of the system. Refer to the technical parameters table for the maximum operating weight.
2. The installation location must meet the following conditions:
   - Leave approximately 20cm of space around the water purifier based on its actual dimensions to facilitate the connection of inlet/outlet water pipes and ensure easy installation and replacement of filter cartridges.
   - The Everpure water purifier must be vertically fixed and installed on a wall that can support its operating weight. It should not be used upside down or horizontally.
   - There should be a power outlet and drainage facilities near the installation location.
3. Installation tools required: electric drill, screwdriver, expansion screws, pipe cutter, etc.
4. Pressure requirements for storage tank installation: Before use, reconfirm whether the pre-charged pressure is within the required range.

⚠ Attention Since dangerous tools such as electric drills may be used during installation, it is essential to have the system installed by professional installation personnel.

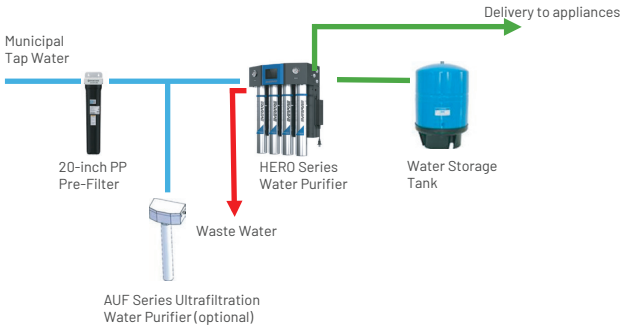






Note: The above illustrations are for reference only. Actual product may vary slightly. Pentair (Everpure) reserves the right of final interpretation. (The dimensions shown do not include additional bases. Please refer to the labels on the left and right sides of the machin for piping connections.)

Waterway Installation Diagram



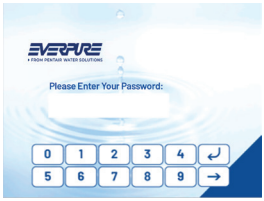
Note:

1. The above diagrams are for reference only.
2. In cases of extremely poor water quality (raw water SDI15 > 5.5), it is recommended to purchase and additional AUF Series Ultrafiltration Water Purifier

Installation Steps:

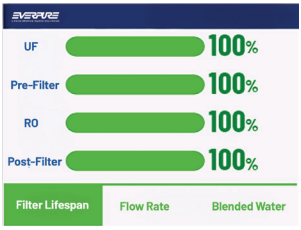
1. Unpacking Inspection: Verify that the packaging is intact and all items are present. If there are any issues, please contact the service provider promptly.
2. Packaging Removal: Unpack the filter cartridges and storage tank for later use.
3. Wall Mounting Positioning: Use the positioning paper to determine the appropriate drilling locations. Secure the expansion screws to the load-bearing wall and hang the main unit.
4. Filter Cartridge Installation: Install two PCF pre-filters, one ROS composite filter, and one HCF post-filter from left to right. Remove the film packaging and black caps, align the notches, insert upwards, and rotate clockwise by 90° until it can no longer rotate.
5. Water Pipe Connection: Connect the external pipes according to the text labels, ensuring that all inlet and outlet pipes are correctly connected and secured.
6. Filter Cartridge Flushing: Each filter cartridge must be flushed separately in the order of PCF pre-filter, ROS composite filter, and HCF post-filter. PCF/HCF filter should be flushed by connecting the flushing pipe to the pre-filter/post-filter flushing port respectively. ROS composite filter should be flushed by connecting the RO flushing pipe to the RO port.
7. Connect the water storage tank to the "Water Storage Tank" connection port on the side of the HERO machine as shown on the diagram above. In actual applications, please add appropriate pre-filters at the front end of the HERO water purifier based on different inlet water quality conditions.
8. Blended Water TDS Adjustment: This machine has an automatic TDS adjustment function. For the initial installation, enter the target value on the machine's control screen. Refer to Section 9 "Button Operation Instructions" for specific input steps. The equipment will automatically complete the water output adjustment.
9. Specific button operation instructions for the equipment after installation are as follows:
   9.1 User Interface

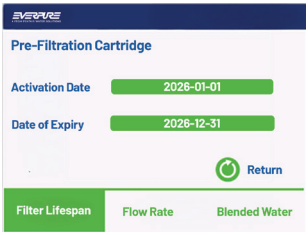
Upon powering on the device, the display illuminates upon touchscreen interaction, leading to the "Password Input" screen. The display will automatically turn off after 300 seconds of inactivity. The touchscreen interface includes a field for password entry; detailed instructions can be found in the training guide. Once the correct password is entered, the system navigates to the "Filter Cartridge Lifespan" screen. If you opt not to set a password for the touchscreen, entering "999999" in the password field will permanently disable the password requirement. Please be aware that this action cannot be undone.



The user interface is divided into three separate pages: Filter Cartridge Lifespan, Flow Rate, and Blended Water. By touching the name bar at the bottom of each page, detailed content is displayed as follows:

- Filter Cartridge Lifespan Page: The standard display only shows the remaining lifespan of the pre-filter PCF, RO, and post-filter HCF (the smaller value between flow lifespan and time lifespan is taken). If an AUF Ultrafiltration Water Purifier is added to the pre-filtration, a "UF Filter Lifespan" bar will be added to the filter lifespan display. Clicking on the lifespan bar allows for the entry of the filter cartridge's activation date and estimated expiration date based on the actual installation time of the equipment. When the remaining lifespan percentage of the filter cartridge is less than 10%, the screen's filter cartridge lifespan bar turns yellow. When it is less than 5%, the bar turns red. For both of these filter cartridge lifespan alarms, if there is an IoT backend operation terminal, it will simultaneously trigger an alarm for the filter cartridge lifespan.





- Flow Rate Page: Displays the current instantaneous inlet water flow rate, inlet water volume, RO flow rate, RO volume, blended water flow rate, and blended water volume.

- Blended Water Parameters Page: For the initial installation of the equipment, a target value needs to be entered on the machine's control screen. The default blended water target setting is 150ppm, with an adjustable range of 0-250ppm. The change gradient for each left or right increment/decrement is 5ppm. After setting the target value, the equipment will automatically adjust the outlet water TDS.

The time bar at the top of the user interface displays the IoT communication status and system time. Different icons represent different "current statuses" of the equipment:

1. Indicates that water is being produced. A constant light indicates that the RO filter cartridge inside the equipment is undergoing self-flushing. A flashing light indicates that the optional pre-filter AUF module is undergoing backflushing.
2. (Red) Indicates an alarm causing system shutdown due to E01~E06, accompanied by a beeping sound. (Yellow) Indicates abnormal water temperature. When the above icons appear on the interface, click on the icon area to view specific alarm information and clear the fault according to Section 9 "Troubleshooting."
3. Indicates 485 communication, Wi-Fi access, and 4G communication.

10.2 Service Interface

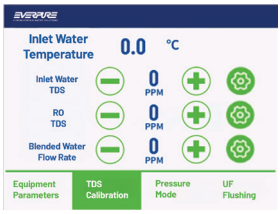
The debugging personnel installing the equipment on-site can follow the steps below to enter the service interface and switch the IoT mode, calibrate TDS, switch the operating mode, and set the backflushing program for the optional AUF module according to the equipment's actual application scenario.

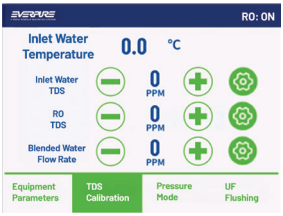
Entry Mode: Press and hold the "PENTAIR" icon in the top left corner of any user interface for 3 seconds to enter the "Service Interface."

Exit Mode: Click on the "PENTAIR" icon in the top left corner of any service interface to exit the "Service Interface."

- Equipment Parameters Page: Select and adjust the equipment address (RS485) according to the IoT environment of the equipment's actual application scenario. There are three IoT modes to choose from: R5485/Wi-Fi/4G. The inlet water flow rate and blended water flow rate can be adjusted according to the actual application scenario. Select the “Equipment Type” according to the actual HERO model. HERO-400/ HERO-600/ HERO-800/ HERO-1200/ HERO-1600 correspond to 400G/600G/800G/1200G/1600G respectively. The 1.00 in the top right coner indicates the software version number.

- TDS Calibration Page: The equipment automatically displays the inlet water temperature, which does not require adjustment. After installation, use a TDS meter on-site to measure the inlet water TDS, RO TDS, and blended water TDS of the equipment. Then, manually adjust these values to ensure they match the actual on-site test values. Click the "Set Confirm" button to complete the setup.





Note: Ifthis equipment needs to be tested for water efficiency according to GB34914, please press and hold the top right corner of the TDS calibration page for more than 3secs to start the RO purification mode. Close the blended water electric valve and the top right corner will show "RO: ON". Press and hold the top right corner again for 3secs to turn off the water purification mode and the "RO: ON" will disappear.

- Pressure Mode Page:

Displays the current pressure value of the storage tank connected to the equipment. During machine debugging, pay attention to the empty tank pressure. Refer to Section 6 "System Maintenance and Disinfection" in the manual. For HERO applications, the recommended empty tank air pressure for the matching storage tank is 30~35 psi. If the empty tank air pressure falls below 30 psi, it should be inflated promptly to avoid insufficient water supply from the equipment.

The equipment is set to the "Standard" operating mode by default at the factory. During holidays or promotional periods at the store, when non-normal peak water usage periods occur, the "Peak" operating mode can be selected to enhance water supply capacity.

Attention

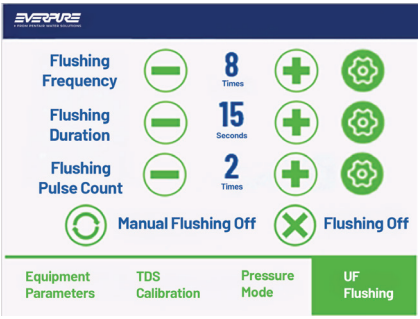
The "Peak" operating mode is only intended for special application scenarios. Before switching, please communicate in advance with the brand's designated local dealer or service provider. After switching to the "Peak" operating mode, please promptly switch back to the factory-default "Standard" operating mode.

• UF Flushing Page:

After the HERO equipment is connected with the optional AUF module, service providers can manually adjust the flushing frequency, duration per flush, and the number of flushing pulses for the AUF module through this interface, based on the actual application scenario and relevant installation instructions.

The default factory settings are generally as follows, and it is not recommended to make arbitrary changes for normal applications.

In areas with poor water quality, the "Manual Flushing Mode" can be activated on-site. Press the button to initiate flushing and press it again at any time to stop the flushing action. The default shutdown time for a manual flushing cycle is 2 minutes. If there is no button operation within 2 minutes, continuous flushing will occur for 2 minutes before completing and automatically shutting off.



VI. System Maintenance and Disinfection

(Please Contact Professional Service Personnel)

- It is recommended to replace PCF and HCF series filter cartridges every 6-12 months.
- It is recommended to replace ROS series filter cartridges every 12-18 months.
- It is advisable to empty the water storage tank every six months and check the air pressure inside. The recommended air pressure is 30-35 psi, and if the pressure falls below 30 psi, it should be inflated.
- The above frequencies may vary depending on the local water quality and usage conditions.

The above are recommended replacement cycles, and the actual service life will vary based on actual water usage conditions and the quality and pressure of the local tap water.

- System installation and filter cartridge replacement must be performed by professional service personnel authorized by Everpure/dealers. Any consequences resulting from operations by non-professional personnel will be borne by the user.
- ! Attention: If the water flow rate decreases, it indicates that the filter cartridge may be clogged or damaged. Contact after-sales service or replace the filter cartridge as soon as possible.
- ! Attention: PCF and HCF series filter cartridges must be installed and used on-site within 4 years; RO filter cartridges must be installed and used on-site within 1 year; other components of the system should be replaced no more frequently than once every 5 years. Please pay attention to the manufacturing date.
- If the water purifier has not been used for more than three days, turn off the power, then turn it back on, and discharge water for approximately 30 minutes before use.
- ! Attention: The flushing water is not suitable for drinking.

System Disinfection

1. After shutting off the water and power supply, fully drain the storage tank. Block all water outlets, remove the pre-filter, post-filter, and RO membrane, and replace them with blanking plugs.
2. Use a professional-grade disinfectant specifically intended for water treatment systems.
3. Restore power to the system and introduce the disinfectant through both inlet ports. Once the storage tank is full, the pump will stop automatically. Power may also be disconnected before the tank is completely full if required. Allow the system to soak for 30 minutes, then open the mixed-water outlet to completely drain the disinfectant, including from the germanium water tank. Open the wastewater outlet as well.
4. Restore water and power supply. Allow the system to produce water until the pump stops automatically, then shut off both water and power. Drain all water completely, including the storage tank.
5. Repeat Step 4 three times to thoroughly flush and remove any remaining disinfectant from the pressure tank.
6. Reinstall all filters and the RO membrane to their original positions, then restore water and power supply.
7. Open the storage tank ball valve.

VII. Filter Cartridge Replacement

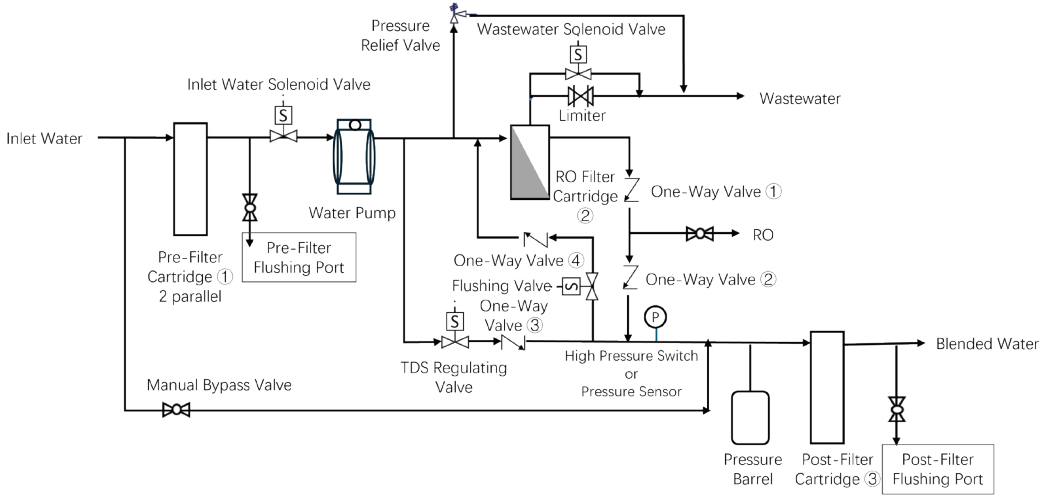
Every filter cartridge replacement must be followed by a flushing procedure.

When replacing filter cartridges, first cut off the water and power supply, close the storage tank ball valve, and open all flushing ball valves until no water flows out.

To replace all filter cartridges:

a. Remove the original filter cartridge: Place a dry cloth beneath the filter cartridge to catch any water that may splash out from the filter head. Rotate the filter cartridge counterclockwise until it can no longer turn, then pull it down to detach it from the black filter head.
b. Install the new filter cartridge following "Installation Step 4".
c. Flush the filter cartridge according to "Installation Step 6". To flush to the ROS filter cartridge, close the ball valve of the water tank and switch off the power of the equipment. Open the water outlet to release pressure, and pull out the connecting pipe from the water tank opening. Replace it with the ROS filter cartridge flushing pipe. Switch on the power to flush the ROS filter cartridge.
d. Open the storage tank ball valve.
e. Restore the water and power supply.

VIII. Water Treatment Process Diagram



Note: The HERO series come in different models, and some customised sensors are not included in the above process diagrams.

IX. Troubleshooting

Scope	Malfunction	Solutions
General Situations	Missing Components	Contact the Dealer
	System Leakage	For leakage from the filter cartridge: Reinstall the filter cartridge following the installation steps.
		For leakage at the connections of pipes or components:
		Re-insert the pipes and ensure the quick-connect fittings are secured with the blue card.
	Abnormal Reduction in System Flow Rate	Verify if the inlet water pressure is too low.
		Check if the inlet water temperature is too low.
		Contact the dealer to inspect whether the filter cartridge is clogged.
	Loud Noise	Verify again if the inlet water pressure is too low.
		Contact the dealer to check if the pre-filter cartridge is clogged.
		Ensure the shock-absorbing cotton is properly installed.
	Pump Fails to Operate or Frequently Starts and Stops	The pump will automatically stop working when the storage tank is full and will restart automatically after water is discharged for a period of time.
		Check for any fault alarms and contact the dealer.
		Ensure the power plug is properly inserted.
		Verify if the storage tank ball valve is open.
Outflow TDS	Unstable or Deviating TDS (Total Dissolved Solids) Value from Target	Confirm that the storage tank ball valve is open.
		Reset the target TDS and observe if the electric regulating valve is functioning normally.
		Contact your dealer to check the pressure in the storage tank.
Fault Alarm	E01 Leakage Fault	In case of confirmed leakage, cut off the water and power supply before contacting the dealer.
	E03 Water Pump Fault	Contact your dealer to inquire about the need to replace the water pump.
	E04 Frequent Starting and Stopping of Water Pump	Check if the pressure tank is open; if it is confirmed to be open but the pump still starts and stops frequently, cut off the water and power supply before contacting the dealer.
	E05 Long-term Water Production Alarm	Check if the faucet is left open and notify the service provider to inspect whether the filter cartridge is clogged.
	E06 Pressure Sensor Fault	Notify the service provider to bring a new pressure sensor.
	E07 High/Low Water Temperature Information Recording	If prompted about low or high water temperature, adjust the inlet water temperature according to the requirements.

X. Materials, Specifications, and Quantity of Main Components in Contact with Water

Component Name:	Primary Materials	Specifications or Model Numbers:	Quantity
Integrated Composite Filter Cartridge	For the component with an inner-lined polyethylene metal casing: Inner-lined polyethylene metal casing	PCF Series: Precision: 1.0km @ 80mm	2 units
Integrated Polyphosphate Reverse Osmosis Membrane Composite Filter Cartridge	For the silver-loaded powdered activated carbon polyethylene microfiltration membrane assembly: Silver-loaded powdered activated carbon polyethylene microfiltration membrane assembly	ROS Series: Precision: 0.0001 pm Φ 80mm	1 unit
Integrated Composite Filter Cartridge (for additional filtration if applicable)	For the aromatic polyamide reverse osmosis membrane assembly: Aromatic polyamide reverse osmosis membrane assembly	HCF Series Precision：0.5um Φ80mm	1 unit
Drinking Water Connector Assembly	For the polyphosphate component: Polyphosphate	Inner diameter of inlet and outlet: 9.525mm	1 set

XI. Water Efficiency Explanation

1. For information regarding the water efficiency rating of this product, please refer to the parameters listed on the "China Water Efficiency Label" affixed to the product body.
2. Explanation of Water Efficiency Ratings for Water Purifiers

For the purified water produced by water purifiers, according to the national standard GB34914-2021 "Minimum Allowable Values of Water Efficiency and Water Efficiency Grades for Water Purifiers," the water efficiency ratings are categorized into three levels, with Level 1 representing the highest water efficiency. The water production rate and the stated rated total purified water volume for water purifiers of each rating must comply with the stipulations outlined in the table below.

Water Efficiency Rating Indicators for Water Purifiers:

Water Efficiency Grade	Level 1	Level 2	Level 3
Water Production Rate of Purified Water/%	≥65	≥55	≥45
Rated Total Volume of Purified Water	≥4000	≥3000	≥2000

3. Please note that during the determination of the water efficiency of the water purifier: The installation, commissioning, and flushing before the first use of the water purifier are not included in the calculation of the water production rate of purified water.

XII. Declaration of Hazardous Substances:

Names and Contents of Hazardous Substances in the Product:

Component Names	Hazardous Substances									
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr(VI))	Polybrominated Biphenyls (PBBs)	Polybrominated Diphenyl Ethers (PBDEs)	Di-n-butyl Phthalate (DBP)	Diisobutyl Phthalate (DIBP)	Butyl Benzyl Phthalate (BBP)	Di(2-ethylhexyl) Phthalate (DEHP)
Plastic Components	○	○	○	○	○	○	○	○	○	○
Metal Components	○	○	○	○	○	○	○	○	○	○
Electrical Components Control Components	×	○	○	○	○	○	○	○	○	○
Power Cords, Wiring	○	○	○	○	○	○	○	○	○	○
Accessories	○	○	○	○	○	○	○	○	○	○

This table is compiled in accordance with the provisions of SJ/T 11364.

○: Indicates that the content of this hazardous substance in all homogeneous materials of the component is below the limit requirements specified in the GB/T 26572 standard.

X: Indicates that the content of this hazardous substance in at least one homogeneous material of the component exceeds the limit requirements specified in the GB/T 26572 standard.

*The components listed in the detailed table are a summary of the main components included in different models of the product. Whether this product includes a specific component is subject to the actual configuration of the product.

*Other components and their homogeneous materials not listed in the detailed table do not contain hazardous substances.

*For components marked with "X" in the detailed table, it is due to limitations in the current level of industry technology that substitution of hazardous substances cannot be achieved.

Friendly Reminder:

To protect the environment, after this product or its components are discarded, as a consumer, you have the responsibility to separate it from household waste and deliver it to a qualified recycling site. The recycling and processing site will classify, dismantle, recycle, and reuse it in accordance with relevant national regulations.

For detailed information on the recycling and disposal of this product, please consult local government authorities or waste disposal agencies. Electronic information products sold within the territory of the People's Republic of China must be marked with this symbol. The number inside the circle indicates the environmental protection use period of the product under normal use conditions.

13. TERMS AND CONDITIONS OF WARRANTY

(1) The warranty period is 1 year from the date of purchase. During the warranty period, Pentair (Company) is responsible for providing free warranty for faults arising from normal operation and use according to the installation manual and user's manual. Pentair will charge repair and maintenance fees after the warranty expires.

(2) The user should keep valid purchase invoice, which serves as the basis for after-sales service.

(3) Installation, maintenance and repair services will be provided by Pentair's authorized distributors. In the event that the user is unable to present the warranty card or valid purchase invoice, Pentair will deem the warranty to have expired and charge the relevant fees.

(4) Warranty will be void in the following conditions:
- Installation by personnel who are not authorized by Pentair;
- Product malfunction or damage resulting from user's failure to follow the instructions described in user's manual to operate the system;
- Error or damage caused by the user's self-repair or modification of the equipment;
- Error or damage caused by force majeure (including but not limited to natural disasters such as fires, floods, earthquakes, lightning strikes, etc.);
- Error or damage caused by human factors (including but not limited to drop, knock, etc.);
- Where the user is unable to present warranty card or purchase invoice, or the content of the invoice has been altered;
- Any problems caused by using parts that are not approved by Pentair.

(5) The repair parts replaced during the warranty period are owned by Pentair.

(6) Warranty does not cover for all consumables, such as filter element and materials.

(7) Pentair reserves the right to charge a certain service fee for maintenance or repair service provided on-site in remote areas.

14. MAINTENANCE RECORDS

Date	Cause of Error	Replacement Part	Maintenance Personnel
Remarks			

XV. Explanation of Everpure's New Anti-Counterfeiting Label

Label Effect Illustrations:

Surface Appearance

Peel-off Effect

Laminate Removal Effect

Anti-Counterfeiting Technology and Colour of the Label:

Surface Appearance

Peel-off Effect

Please note that Everpure products manufactured after 2014 have adopted the new anti-counterfeiting label. Kindly pay attention to this update.

PENTAIR
WATER SOLUTIONS

Pentair Water (Suzhou) Co., Ltd.
371, Heshan Road, Suzhou New District, 215011, China
https://pentair.asia

Digital User Manual

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