INSTRUCTION MANUAL

Model: CWF SALT-FREE FULL HOMEWATER REFINING SYSTEM

SKUs: CWF1000, CWF1001, CWF 1002, CWF1003

PRECISION MIST
HIGH PRESSURE MIST & FOG SYSTEMS

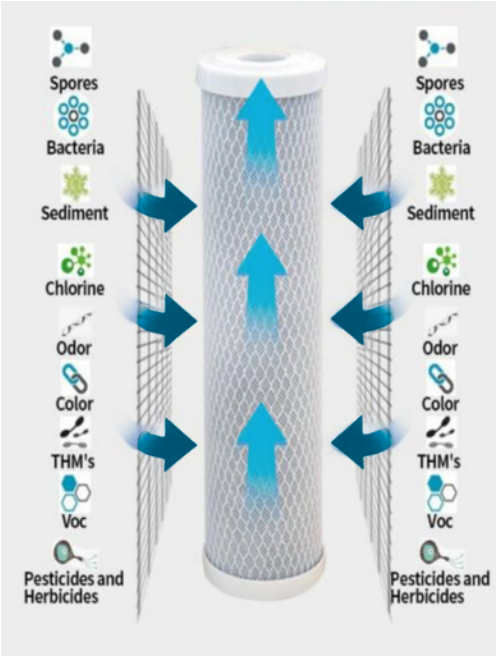
Premium Multi-Stage Water Purifier System

CWF SALT-FREE Full Home Water Refining System

SKUs:

- CWF1000 - 1 Micron Sediment-5 Micron Sediment-10 Micron Sediment
- CWF1001 - 1 Micron Sediment-5 Micron Sediment-Carbon GAC
- CWF 1002 - 5 Micron Sediment-Carbon GAC-Carbon UDF
- CWF1003 - 5 Micron Sediment-Carbon GAC-Scalex Resin

Important Information



It is crucial to follow the manufacturer's instructions for this system to operate properly.

- This system must have a dual check and pressure limiting valve. For a system installed without this valve, warranty will be void. Feed water* must be between 45 degrees and 95 degrees in temperature. The usage of hot water is not intended for this system. (*Water temperature is measured once water has been circulated underground or tested on local city water utility, instead of surface temperature.)
- Do NOT Use with water that has been insufficiently disinfected before or after the system or with water that is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the system.
- A faulty installation with ramifications by an unqualified person will void the warranty. Caution: Make sure the system is complete and free from damage. If you have any questions, please get in touch with your distributor right away.

Premium Multi-Stage Water Purifier System) CWF
Full Home Water Refining System

INSTALLATION GUIDE

Scan the barcode below to access our
SYSTEM INSTALLATION guide video.

Scan the barcode below to access our
FILTER CHANGE guide video.

Premium Multi-Stage Water Purifier System

Water Purification For your Home and Misting System

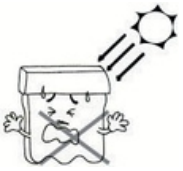
For correct operation of this appliance, it is essential to observe the manufacturer instructions

Cautions

- Do not cover anything on the machine!
- Both Indoor & outdoor system will be damaged, or flood will be caused if heat radiation is obstructed.
- Do not put heavy object on the machine! Both Indoor & outdoor system may be damaged if any heavy objects are put on the machine, leading to leakage, the machine cannot be used normally, and even property loss will be caused

- Do not put your water purifier near fire or some places with extremely high temperature, or the machine will be deformed or melt to cause serious physical injury and property loss
- Avoid corrosive material Water components corrode if touch corrosive substances, or some toxic substances will go into the channel of water purifier to cause water pollution or water leakage to have physical injury or property loss.

- Do not use water purifier if the sewage is blocked!
- Dirty water will go into the machine if you use the machine when the sewage is blocked.
- Notice: please change filters on time (refer to the following page 4 & 7)



- Flushing system for 10mins on initial use & 5 min after period of non-use exceeding 7 days

.

- FOR CORRECT OPERATION OF THIS APPLIANCE, IT IS ESSENTIAL TO OBSERVE THE MANUFACTURER'S INSTRUCTIONS.
- DO NOT USE WITH WATER THAT IS MICROBIOLOGICALLY UNSAFE OR WITH WATER OF UNKNOWN QUALITY WITHOUT ADEQUATE DISINFECTION BEFORE OR AFTER THE SYSTEM. SYSTEM CERTIFIED FOR CYST REDUCTION MAYBE USED ON DISINFECTED WATER THAT MAY CONTAIN FILTERABLE CYSTS

Premium Multi-Stage Water Purifier System:

Water Filtration System

Technical Data: Full Home Water Refining System

Model	CWF Model SKUs: CWF1000, CWF1001, CWF1002, CWF1003		
Description	Full Home Commercial Water Filtration System		
Water pressure	15-90psi	IRON	Maximum 0.2ppm
Water temperature*	45-95F	TDS	<1800 ppm 50-60
Total Net Water	27,000Gal	Operating Flow Rates	GPM

Remarks: above technical data may change due to product innovation. Take the rating label as the final. Pure water flow was tested under the environment temperature of 25C/77”F , water temperature of 25C/77”F Sum water flow was tested according to the requirements of "life drinking water treatment machine sanitary safety and function comments of the system". Water temperature is measured once water has been circulated underground or tested on local city water utility, instead of surface temperature.

Premium Multi-Stage Water Purifier System
Full Home Water Refining System

Hydrographic Chart

The actual waterflow direction may vary; please refer to the arrow symbol located on the top of the housing cap, as indicated below.

Main Water Components: Adopt the most advanced purifying technology, with details as below:

Above is the recommended replacement figure on a standard test condition, depending on your water quality and usage. The replacement timeframe may vary, please contact **Precision Mist for recommendations if needed.*

Filter Installation & Replacement:

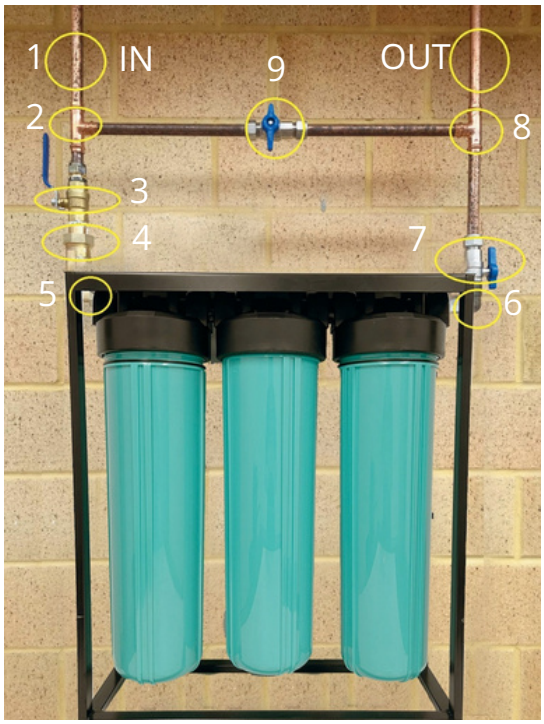
Please follow the steps below to replace the filter cartridge(s):

- Open a downstream tap or press the pressure relief button on the housing to release pressure after cutting off the water supply (s).
- Use the wrench provided to unscrew the housing and remove old cartridge(s).
- Rinse the bowl(s) well after cleaning them with soap and warm water. Examine the O-Ring(s) for damage, and replace them if necessary. Apply lubrication to the O-Ring(s).
- Take off package of filter and insert to specific housing.
- Hold the bowl(s) erect while attaching the head. bowl by hand until it is stiff. DO NOT TIGHTEN TOO MUCH.
- Slowly open the water supply to let the air out completely.
- Check for leaks when the stream tap is shut off.
- Filter replacement may be necessary after two weeks or more of inactivity.
- To bypass the system, close In and Out valves (#3 & #7) of the system and open the
- bypass valve (#9)

Premium Multi-Stage Water Purifier System
PART 1: Full Home Water Refining System

Pipe Components

1.Inlet Pipe
2.Equal Tee
3.Isolation Valve (in)
4.Backflow Prevention Valve (Dual CV)
5.90 Degree Elbow
6.90 Degree Elbow
7.Isolation Valve (out)
8.Equal Tee
9.Bypass Valve



The above component are not included in the CWF systems.

*Only use WaterMark approved valve **#3. Isolation Valve: Standards #4. Backflow Prevention Valve (BACKFLOW PREVENTION)** Installation (incl. backflow prevention device or pressure control device, or isolation valve etc.) is subject to the requirements of the applicable regulatory authority within Construction Codes.

Installation Procedure

Before Installation:

a. Installer must be a Precision Mist accredited technician.
b. Choose a pre-filtering system position:

- Make sure the mounting point is solid to maintain the filter housing in place when replacing filters.
- An isolation valve could be placed directly before the filter to isolate it while changing the cartridge.

Installation:
a. By opening a downstream tap, you can isolate the water supply and reduce pressure.

b. Pipe should be cut to the length necessary for valve and housing installation.

c. To fit existing piping, use appropriate brass, galvanized/poly plumbing fittings. Tapered male threads will fit into the housing's female threads. Carefully thread into housing head because excessive taping or tightening could cause it to crack.

d. Allow enough time for the fittings to cool before connecting to the housing if they are sweated.

e. Use the proper clips to firmly fasten the pipes and wall mount bracket. For filter changes, allow a 50mm clearance under the bowl.

f. Flush the unit debris from pipework

g. Install internal filters

Premium Multi-Stage Water Purifier System

Full Home Water Refining System

Warranty:

Precision Mist offers specialized services to all our clients and it is always a pleasure engaging with our customers from all over the region. We have a dedicated team of experts who work tirelessly to render services that exceed expectations. As a result, we always strive to ensure that our most esteemed customers get their money's worth by offering an assortment of misting products to choose from. If you want to have a mist system that compares to no other, you're in the right place.

1. Terms and conditions

Precision Mist offers it's customers a 1 year warranty on all its pressure misting products as per the following terms:

The benefits of the warranty are subject to proof of purchase and proper use. Any product that qualifies for the warranty will be repaired by an authorized Precision Mist technician. Normal wear and tear on nozzles, fittings, valves, plungers, tubing, hoses, filters and/or any electronic components are excluded from this warranty.

This warranty does not cover for misting products that have been worked on or attempted repairs by an unauthorized technician.

The warranty, also, does not apply to damaged products due to, freezing, running the pump dry, directly or indirectly, to abuse, negligence, misuse, accidents, alterations, or lack of maintenance thereof.

Precision Mist also will not be liable for injuries to persons or property, death of a person, or for accidental, special, contingent or consequential damages that may arise from the use of our products.

This warranty is subject to the current laws and regulations.