

## Water Filter User Manual

### 1. Cautions

#### a. Initial Use and Restart:

- Ensure the power and water supply are connected.
- Press the hot water button to dispense water before starting the heating function.

#### b. Extended Inactivity:

- Unplug the power cord, turn off the water supply, and drain all remaining water.
- If the power cord is damaged, it must be replaced by qualified personnel to avoid hazards.

#### c. Water Pressure:

- The external tap water pressure should range between 0.1MPa and 0.4MPa.

#### d. Pipeline Cleanliness:

- Check for sand or debris in the pipeline before installation.
- Ensure the pipeline is clean to prevent blockages in the float valve or internal piping. The company is not responsible for issues caused by pipeline debris.

### 2. Installation Instructions

#### Installing the Inlet Metal Hose and Inlet Tee:

1. If the metal hose diameter is 3/8 inch, purchase a compatible inlet tee separately.
2. Close the water supply valve and disconnect the metal hose from the valve.
3. Attach the inlet tee's threaded end to the water valve outlet.
4. Reconnect the metal hose to the corresponding port on the inlet tee.

#### Installing the Inlet Ball Valve:

1. Follow the steps shown in Figures 1, 2, and 3.
2. Wrap PTFE Thread Seal Tape around the threaded end of the ball valve to prevent leaks. Apply silicone if available.
3. Screw the ball valve into the designated port on the inlet tee.
4. Cut a piece of 1/4-inch water pipe to the appropriate length and connect one end to the ball valve. Secure it with a metal nut.

#### 3. Trouble Shooting

After ensuring the water pipeline is properly connected, follow these steps:

#### a. Verify Water Supply:

- Open the water supply valve to fill the ambient temperature water tank or storage tank.
- Check all connections for leaks.

#### b. Confirm Normal Operation:

- Once all checks are normal, the machine is ready for safe use.

#### c. Important Step:

- Press the hot water button to dispense water before activating the heating function.

#### 4. Special Tips

#### a. Regular Inspections:

- Inspect plastic connectors regularly for integrity to ensure safe use.

- For extended inactivity, turn off the water supply, unplug the power, and drain the pressure tank and water tank completely.

#### b. Avoid Humidity:

- Do not place the machine in excessively humid environments to prevent rust on metal components.

#### c. Electrical Safety:

- Exercise caution when replacing filters or performing maintenance due to internal electrical components.

#### d. Noise During Operation:

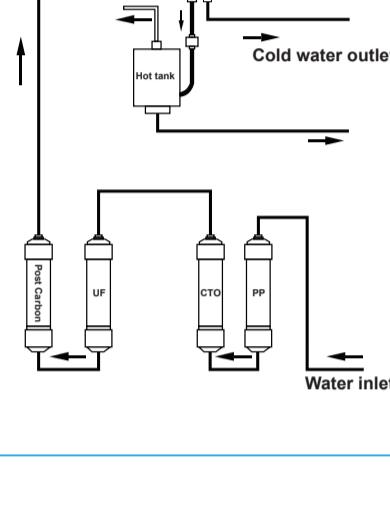
- High-pressure pump vibrations and noise depend on water pressure.
- Low water pressure or air in the waterline may increase vibrations.

#### e. New Machine Noise:

- Air trapped in the filters of a new machine may cause loud vibrations, which will normalize after the air is expelled.

Filter type	Replacement Interval
PP Filter	Every 3 - 6 months
CTO	Every 6-12 months
UF	Every 9-18 months
Post carbon	Every 6-12 months

Schematic Diagram of UF System



#### Checklist During Maintenance:

1. Verify that the power outlet is functioning.
2. Confirm a steady water supply.
3. Follow proper debugging procedures to ensure safe operation after maintenance.

Note: The lifespan of filters is significantly affected by water quality, which may result in variations.

Consider replacing filters under the following conditions:

1. Deterioration in water quality or taste.
2. Noticeable reduction in water flow (ensure this is not caused by a decrease in water temperature).

INTRODUCTION:  
Thank you for purchasing the "HOT" and "COLD" water dispenser, Please read this instruction manual carefully before using this product.

WARNING:  
Do not operate the unit without water comes out from faucets  
Do not turn on heating switch if there is no water inside the hot water tank, Dispense small amount of water from the hot faucet to check presence of water inside the hot tank.  
Connect the unit's body to ground before operating the unit.

SAFETY PRECAUTIONS:  
1.This water dispenser is for indoor use only.  
2.Position the dispenser on level surface.

3.Allow minimum of 15cm distance from the back of the unit to the wall.  
4.Don't expose the dispenser near any flammable or explosive materials.

5.Place the dispenser in a dry, cool and well-ventilated area.  
6.Don't modify the power plug nor use an extension cord to prevent wire overheating.

7.Do not start or stop the dispenser operation by plugging or unplugging the power cord, Always use the switch located at the back of the unit.

8.Clean the unit before using for the first time or reusing it after a long time.  
Cleaning Method--Place a new bottle of water, open the water drain valve to drain 3-5L water, then reinstall the drain valve.

9.If the cold faucet is blocked by ice, please turn off the cold switch and wait for 4 hours before turning it on

10.Do not wash the dispenser directly with running water or with high pressure washer.

11.Do not wipe the parts with gas or chemical.

12.Keep the dispenser beyond the reach of children to avoid injury.

13.When transporting the dispenser, the incline angle should not be more than 45 degrees.

14.The water bottle used for the dispenser must be clean and made of non-toxic plastic bottle.

15.If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid hazard.

16.This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

17.Do not damage the refrigerant circuit.

18.Do not use electrical appliances inside the food storage compartments of the appliances, unless they are of the type recommended by the manufacturer.

19.To avoid hazard due to instability of the appliance, it must be fixed in accordance with the instructions.

Such as the placing water dispenser on the ground(desktop) not level, you need to the mounting brackets will be fixed water dispenser to prevent dump, The specific installation steps are as follows:

(1).Take out the mounting brackets and expansion screws, remove the water dispenser back of the lower-right corner and lower-left corner screws.

(2).The side bracket will be installed close to the ground, the other face of quasi-being removed screws that hole.

(3).If the ground is very hard, then the first electric drill hole, and then expansion bolts fastening.

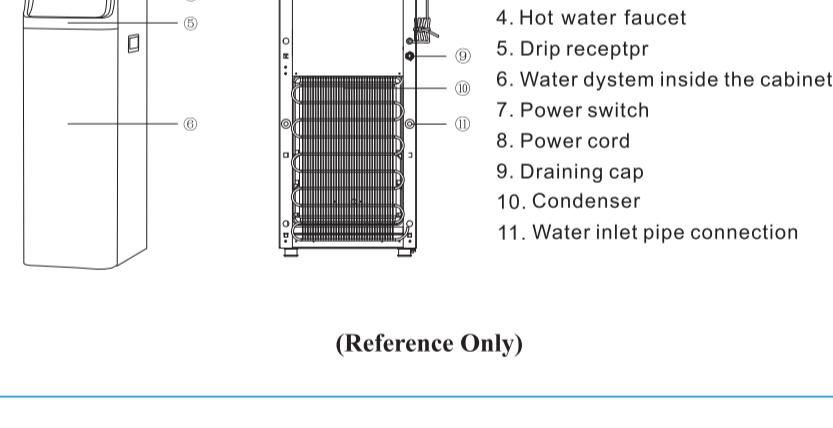
(4).The mounting brackets with screws were fixed on the ground(desktop) and on the back of water dispenser.

#### TROUBLE SHOOTING:

Please check the following before you have the machine repaired.

Problem	Possible Causes	Solutions
No water comes out from the faucet	No water available in the bottle Hygienic label jams the intake	Place a bottle of water the label removed
No hot and cold water	Unit not plugged in Switch for hot/cold not turn on Dispensing of hot/cold water too frequent and no hot/cold water Left	Plugged in the unit Turn on switch Wait for around 3 minutes or until the LED indicator to automatically turn off
Unit with rattling sound	Water dispenser not level to the ground	Level the unit by adjusting the feet
Unit's body with electrical shock	The grounding wire is not properly connected	Install grounding wire
Water leak	Bottle broken	Change to a new bottle
No water comes out from the cold faucet	Frozen water inside the cold water tank	Turn off Cooling switch and wait for 4 hours before turning it on
When the machine is smoking or the machine is not heated	Manual temperature control is not off	please press the manual temperature control (95°C) with a long stick

#### PRODUCT ILLUSTRATIONS:



(Reference Only)

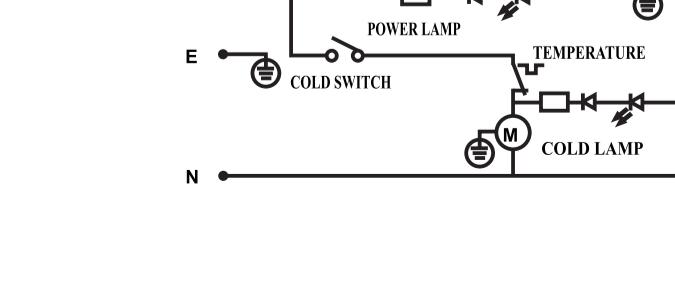
#### BASIC OPERATION:

1. Tear off the hygienic label on the lid. Insert the bottle into the intake vertically.
2. Press the hot water faucet until water flows out.
3. Plug the power cord into a wall outlet.
4. Turn on the heating and cooling switches.
5. Wait for the HOT and COLD LED indicator to turn off before dispensing.

#### TECHNIQUE PARAMETERS:

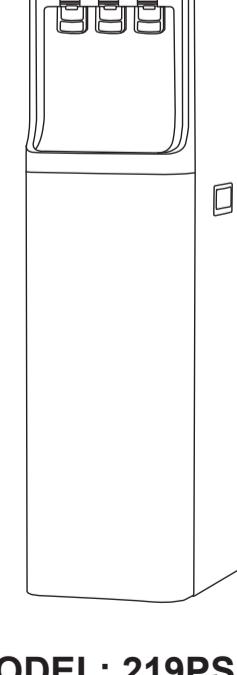
Compressor Cooling Water Dispenser	Cold & Hot With(out) Cabinet
Voltage	220V ~
Frequency	50Hz
Heating Power	550W
Cooling Power	90W
Hot Water Temperature	≥85°C 5L/h
Cold Water Temperature	≤10°C 2L/h
Protection of Anti-Electric Shock	I

#### CIRCUIT DIAGRAM:



**Crystalo**

**365**



**MODEL: 219PS-766**

**INSTRUCTION MANUAL**