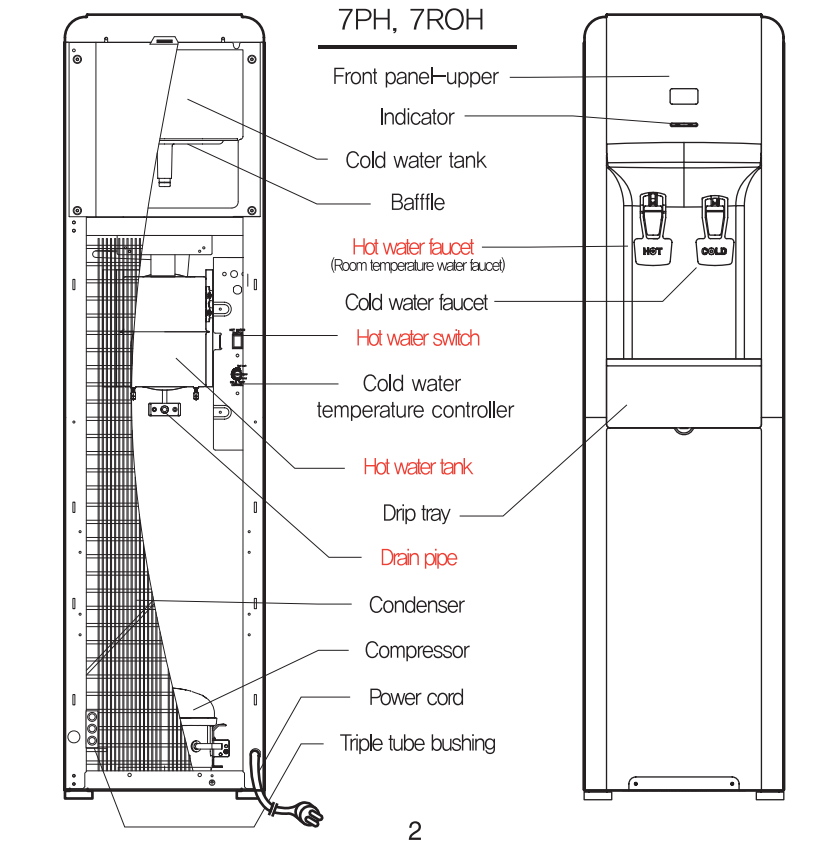
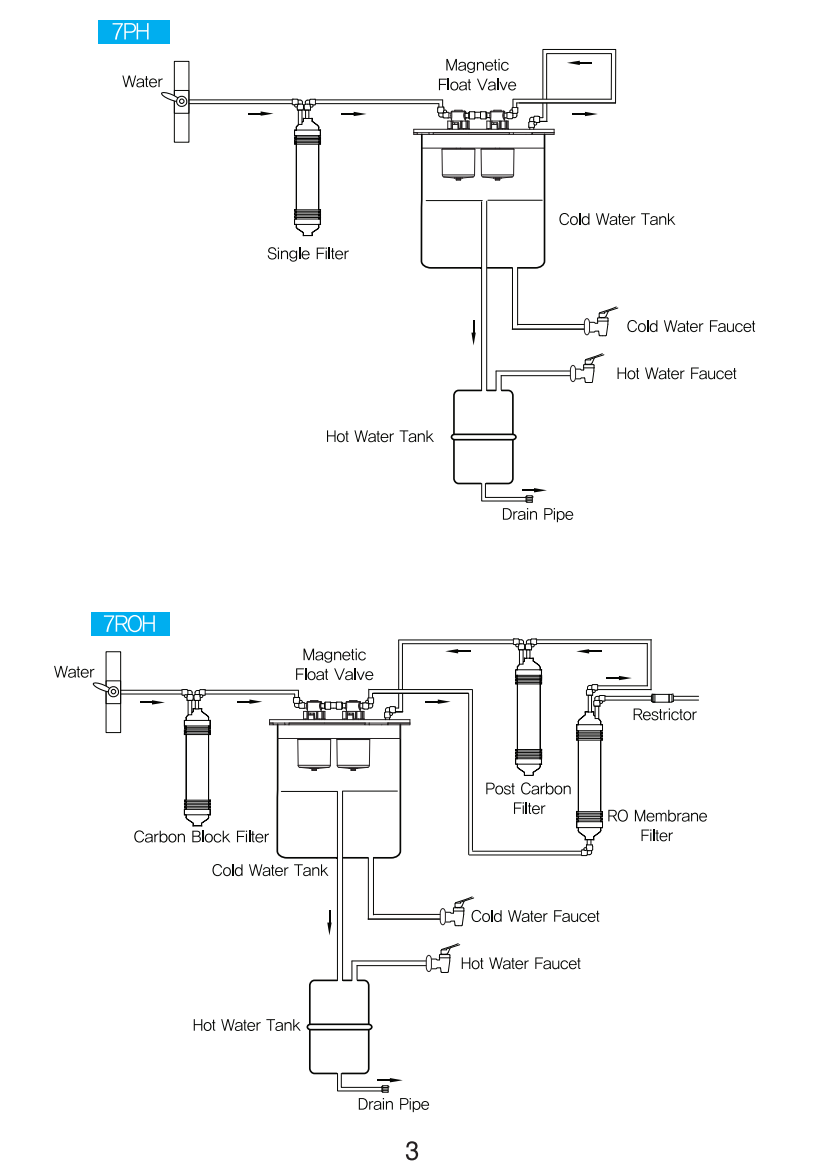


Specification and Part Name

Model name	Hot & Cold Water Purifier : 7PH, 7ROH		
Dimension	290W x 365D x 1140H(mm)	Thermal cut-out	Bimetal
Cold water tank	6,9 ℓ	Temperature controller	Automatic
Temperature controller	Automatic	Tank material	1.8ℓ (Stainless steel)



Water Flow Diagrams



General Guidelines

1. Check whether there is any damage in the packing box and the product.

2. Install the product according to Installation Procedure.

3. Plug the power supply cord into the power outlet for exclusive use.

- Fire can occur from overheating if you plug many electronic products simultaneously into the same multi-tap.
- If supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- The water cooler is intended to be plugged into a receptacle of the ground fault circuit interrupting type.

**▲ Warning :** Water from hot faucet will be extremely hot and may scald. Child proof faucets can be made available, the cooler are difficult for children to use, but easy for adults to. (Contact your agent)

4. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

5. Clean inside and outside the product periodically for sanitary control.

- Do not use a synthetic detergent when cleaning inside.
- You may use soap and water for outside.

6. Check there is any water leakage.

- Electric shock or property damage can occur due to water leakage.

7. Wait more than five minutes before operating the product in case of power failure or maintenance.

(If you re-start immediately, it may cause cooling system failure.)

8. This product is for indoor use. Please install it inside.

9. The manufacturer accepts no liability resulting from any alteration, modification or combination with any other machine or device.

**▲ Warning :** Disassembling cooler could cause electric shock hazard.

10. Keep the wire condenser away from dust.

- Cooling performance will decrease if the wire condenser is stained or soiled.
- You must use a soft brush when cleaning.

11. Please unplug the power cord before inspection.

- Failure or electric shock can occur by being careless during inspection or cleaning.

12. Do not put heavy articles on the product.

- It will cause damage on the product.

13. Replace the filter periodically.

14. When not using the product for a long time, please drain all water remaining in cold and hot water tank by locking the water valve and loosening the hot water drain in the back.

- For re-operating the product, use it after discarding about 1~2 liters of water.

Installation Procedure

1. Avoid direct sunlight and place it in a location without moisture.

- Since this product is for indoor use, please keep it away from direct sunlight or rain.

2. Put it in a location with good ventilation.

- Install it at least four inches (10cm) away from wall for ventilation.

3. Put it on a solid and leveled place.

- An installed product should have no movement despite an attempt to shake it. The range of noise level is very wide depending on a way of installation.

4. Check cold water baffle inside of cold water tank is properly inserted.

- If not, cold water will not be made.

5. Installation & Replacement of Filter(s).

- In case of filter(s) installation & replacement, please consult with the supplier.
- Make sure that valves of cold water piping are securely closes before installation.
- Make sure that you are connecting them to cold water piping.
- When replacing a filter, please be very careful so that you may not get an electric shock or that scald does not occur.

When you connect to hot water, you may damage the filter. Avoid source water inflow hoses that are too short or severely bent. If so, the filter will not perform as normal. To prevent property damage due to water leakage, seek inspection from piping experts if the water pressure is more than 100psi (7kgf/cm²) before you connect the supply hose.

Installation Procedure

6. Dual Float Valve (Water level adjustment device) Control the water level of cold water tank. Please press reset button when cold water does not flow. Acceptable source water pressure is 20~100psi (1.4~7kgf/cm², 140~690kPa).

**▲ Caution :** When you use water with unsafe or unknown quality, we recommend you to use a filter because it can cause product failures.

- Please connect the source water hose to cold water piping of the back of the product as shown in [Figure 1].
- If the hose is too long, the flow rate may be decreased. A hose should be able to endure sufficiently high water pressure.
- Please open the source water (cold water) valve. Currently, pressure is being applied to the piping.
- When you find out water leakage in a filter, a fitting, or a hose connection area, close the source water valve and inspect all connection part.
- When everything is normal during an inspection, open the source water valve.

7. Check that supplied water has leaked to in and outside of the product.

8. Before inserting a plug in a power outlet, check that water goes out through hot faucet at first. And then, plug in turn on hot water switch. Without water flows from hot water faucet, it becomes the cause of defect.

**▲ Caution :** Serious damage could result if incorrect power supply is used.

9. Cold water or Hot water.

- Cooling starts when the power is connected. (There is no switch for cold water.)
- When using hot water, please turn on hot water switch.

**▲ Caution**

1. If the power supply cord is damaged, it must be replaced by the manufacturer or its service agent in order to avoid any hazards.
2. When connecting the power, do not use the multiple power connecting socket.
3. Using irregular voltage may cause a fire.
4. Children should be supervised to ensure that they do not play with the appliance.
5. 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.

Cleaning Instructions

**▲ Caution :** Please wear rubber gloves and wash water cooler to prevent scald.

1. First of all, lock the water source valve and unplug the main power of Water Cooler.
2. Drain hot water through the hot water faucet until water temperature becomes room temperature.
3. Separate top cover and cold water tank cover assembly from cold water tank and clean it.
4. Drain cold water through cold water faucet.
5. Drain the water of hot water tank by opening hot water drain cap counter-clockwise located in the back of the cooler and them lock drain cap clockwise.
6. Pull out and clean cold water baffle from cold water tank.
7. Clean the interior of cold water tank. (When doing this, be careful so that no water can go inside hot water tank. Fire may occur.)
8. Drain the water of cold water tank and rinse it with purified water. (When doing this, drain it through cold water faucet.)
9. Fill cold water tank with purified water and fill hot water tank with purified water by opening hot water faucet.
10. Drain the water of hot water tank by opening hot water drain cap located in the back of cooler. And then lock drain cap.
11. Insert cold water baffle into cold water tank.
12. Join cold water tank cover assembly and top cover back to the original positions.
13. Cleaning is done. Use cooler after installing it according to Installation Procedures of User's Manual.

Troubleshooting

Symptoms	Possible Actions
When both cold and hot waters do not work	Check power receptacle. Check power cord is unplugged. Check water supply condition. Check fuse – If it is damaged, replace it. (for applicable product only) Check "ON" position of hot water switch.
When only cold water does not work	Check cold water thermostat is ok. Cold water has been used too much – Wait for a moment bit until cold water is made. Check ventilation of condenser – Ensure adequate condenser air circulation. Place cooler at least 4" (10cm) from wall. Cold water baffle in cold water tank is loose – Fix it properly. The temperature of source water (supply water) is too high – Wait for a moment until cold water is made. Exposed to sunlight or placed to a heat source. – Cover the sunlight or keep cooler away from it. Check refrigeration leak.
When only hot water does not work	Hot water has been used too much – Wait for a moment bit until hot water is made. Hot water switch is OFF (OUT) – Turn hot water switch ON (IN). Check internal wiring or a wirings. Check that the hot water thermostat or thermal cut – out is broken.
When there is a noise	The cooler has not been properly leveled during installation – Install it on the horizontal level and have it stationary even by shaking it to all directions. Contact has been made with other products – Keep cooler away from other products properly. Check abnormal vibration noise from pipes. Check whether the noise comes from compressor itself.
Water Leakage	Check float valves. Check faucets are properly fastened or there is leakage in packing parts. Check tightening of drain cap of hot water tank.
No water supply	Water supply is shut off – The cooler can fail if it is operated without water inside. Wait until water is entered after unplugging that power cord. Source water valve is closed – Check source water valve. Check whether float valve is broken or not.
When water tastes funny	Need to clean the inside of cold water tank – Clean cold water tank. Filter lifetime has expired – Replace filter. Water with unknown water quality is used – Check the quality of water.
When purified water fills too slow	Filter lifetime has expired – Replace the filter. Source water temperature is too low – the lower water temperature is, the reduce the amount of purified water is.

Hot and cold water purifier

User's manual

Model name : Hot & Cold : 7PH,7ROH (D16A0)

Thank you for purchasing our product(s). Please read this user's manual thoroughly for using the water coolers safely and conveniently.

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