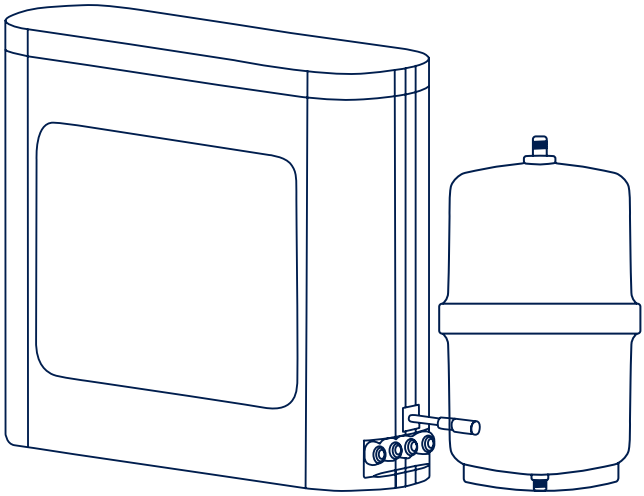
Kwikpure
Water Purifier
Reverse Osmosis Filtration Purifier
Installation and Warranty Manual



Model:
HRO75SAC1-SA

Kwikpure Water Purifier
Reverse Osmosis Filtration Purifier

7 Stage RO-filtration

3 Filter Cartridge System

75G
75G Per Day

2.5G
2.5 G Storage Tank

www.kwikot.com

KWIKOT
powered by Haier

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Please read this manual carefully before use.
- The company reserves the right to interpret this manual.
- The product appearance is subject to the actual product.
- Please keep this manual properly along with the invoice after reading.
- Technical or software upgrades may occur without prior notice.

Safety Precautions

Dear customer:
To ensure safe use and prevent personal injury or property damage, please read this manual carefully and follow all safety precautions before using this product.

1. Installation, maintenance, and servicing of this product must be performed by authorised service personnel to ensure proper operation. The company is not liable for malfunctions or under performance resulting from unauthorized installation, maintenance, or servicing.
2. In case of water supply interruption or pipeline maintenance, please turn off the power and inlet tee ball valve. When water supply resumes, first open other taps to flush out sediment before opening the ball valve, as excessive sediment may clog the filter cartridge.
3. If the power cord is damaged, it must be replaced with a specialized cord or dedicated components purchased from the manufacturer or service department.
4. The water production rate through the RO membrane is affected by feed water quality, inlet pressure, and temperature. When feed water quality is poor, pressure is too low, or temperature is below (25±1)°C, the flow rate will be lower than the standard value.
5. The reject water (wastewater) is not potable but can be reused for non-potable household purposes (e.g., watering plants). To prevent leaks, secure the line as instructed by your local service provider.
6. To protect the filter cartridge, the machine will perform a brief flushing action after prolonged standby, which may produce noise. This is normal.
7. To test the water efficiency rating, please close the purified water outlet. Due to the built-in long-duration water production protection feature, the tap should be closed briefly after approximately 59 minutes.
8. After closing the tap, a few drops of water may flow out over time due to residual water accumulation in the pipeline, which is normal.
9. The appliance is not to be used 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
10. Children being supervised not to play with the appliance
11. The instructions for appliances having a part of class III construction supplied from a detachable power supply part shall state that the appliance is only to be used with the power supply unit provided with the appliance.
12. If an appliance is intended to be permanently connected to the water mains and not connected by a hose-set, this shall be stated.
13. In addition, instructions are also available in an alternative format such as on a website or in a format such as a DVD.

 **Forbidden**	Actions or operations that are strictly prohibited.	 **Warning**	Violations may result in serious personal injury or death.
 **Caution**	Actions or operations that must be followed.		

Prohibited

Avoid Direct Sunlight	Avoid installation in places exposed to direct sunlight or outdoors.	**Frost Protection**	Do not store or expose the product to environments below 0°C.
Heat Exposure	Do not store flammable, explosive, or heat-sensitive items that may deform or deteriorate near the unit.		

Warning

Fault Handling	In case of machine malfunction, quickly shut off the water supply.	**Keep Away from Children**	Do not allow children to operate.
Emergency Call	For assistance, please contact the local sales service centre.		

Caution

Maintenance	Do not disassemble any parts of the machine by yourself to prevent water leakage and damage.	**Temperature**	Use the machine in a dry environment between 4°C and 40°C.
Shut-down	If the water purifier is not used for more than 24 hours, please turn off its water supply.	**Accessories and filters**	To ensure the normal operation of the machine, be sure to use the accessories and filters provided by our company. Please use filters with Kwikot's anti-counterfeiting label.
Proper Repair Service	Only professionally trained and certified personnel designated by our company are authorized to repair this machine.		

Packing List

Name	Quantity	Name	Quantity
Main Unit	1 set	Tap	1 pc
Pressure tank	1 pc	Adapter	1 pc
1/4-inch blue retainer clip	9 pcs	User manual	1 copy
3/8-inch blue retainer clip	2 pcs	Filter cartridge wrench	1 pc
1/4-inch L-type plug	3 pcs	PPC filter cartridge	1 pc
1/4-inch to 3/8-inch adapter	1 pcs	RO membrane filter cartridge	1 pc
Inlet tee ball valve	1 pcs	Carbon filter cartridge	1 pc
PE tubing	2 rolls	Pressure reducing valve	1 pc

Note: The actual appearance of the housing accessories may differ.

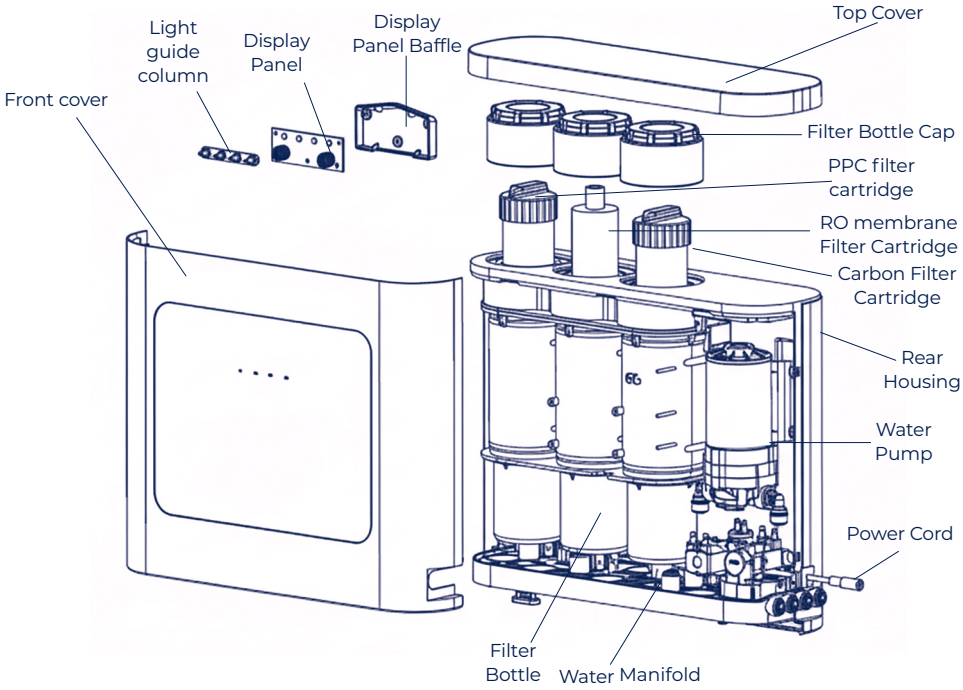
Product Overview

Product model and main parameters

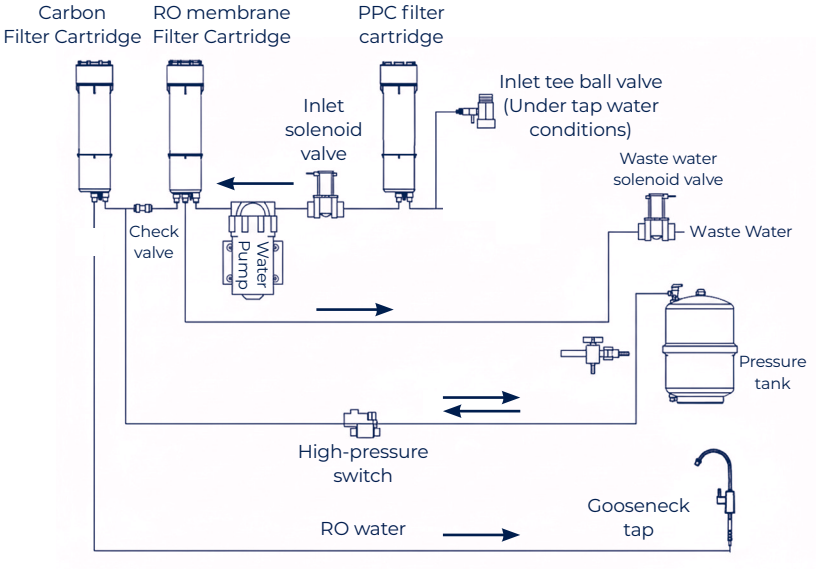
RO water purifier				
Product Model	**Purified water flow rate (L/min)**	**Rated Total Output (L)**	**Rated Power (W)**	**Dimensions (mm)**
HRO75SAC1-SA	0.2	2000	35	385×130×335 (W×D×H)
Inlet water pressure	100kPa-400kPa			
Rated voltage/frequency	230V/50Hz			
Applicable water source	Municipal tap water			
Inlet water temperature	5 °C-38°C			
Operating environment	Temperature 4°C-40°C; relative humidity ≤90% RH			
Electric shock protection type	Class II			
Production date and code	See barcode on the unit			
Output water quality	Outlet 1 (RO water)			
Pure-to-waste ratio	1:1.2			

Note: The allowable error range for the above parameters (dimensions) is ±10%.
This product is suitable for zero water pressure supply (Container self-priming).

Product Component Names

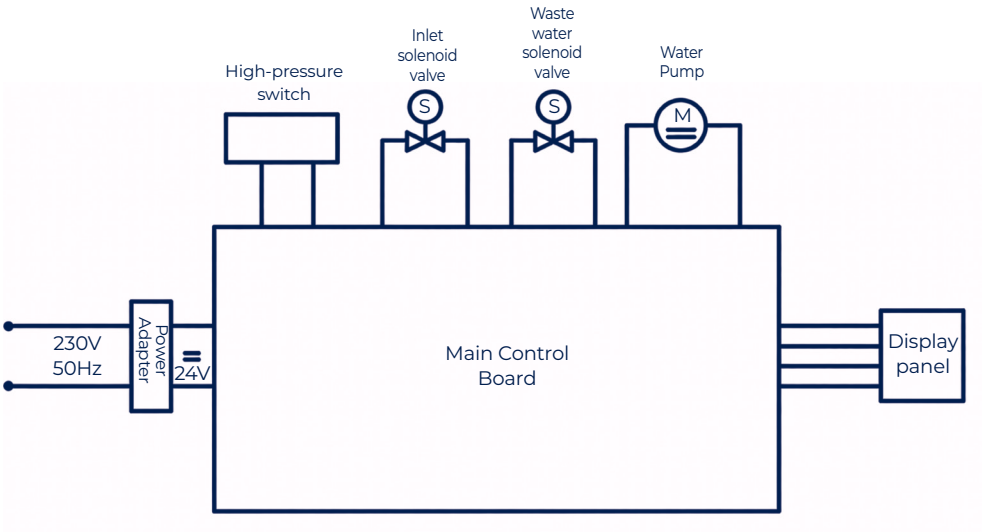


Working Principle Diagram



Product Overview

Electrical Schematic Diagram



Product Features:

1. RO filtration technology ensures safe, drinkable output water.
2. Pressure tank storage enables fast water output, meeting daily household drinking water needs.
3. Compatible with tap water and container self-priming, adapting to multiple water source scenarios.
4. Front-panel UI display allows convenient monitoring of filter cartridge lifespan and operational state.

Product Functions:

1. PPC filter cartridge: Effectively removes suspended solids, sediment, pipe rust, Chironomid larvae, colloids, and other large particles from tap water.
2. RO membrane filter cartridge: Theoretical filtration accuracy is 0.0001 microns, removing organic matter (chloroform, carbon tetrachloride) and heavy metals (arsenic, lead, chromium).
3. Carbon filter cartridge: Further absorbs odors and discolouration, enhancing taste for a crisp, refreshing output.

Installation and Maintenance

Installation Method

After purchasing the Kwikot's RO water purifier, installation and commissioning must be performed by professional installers. Before installation, verify all accessories in the package are complete.

1. Installation environment requirements

1.1 The installation site must have a municipal tap water pipeline connection.

1.2 A 230V power outlet is required.

1.3 The installation area must be clean, free from contamination and direct sunlight. There should be no flammable or explosive materials, or electrical equipment nearby, and it should be protected from rain. Note: Ensure personal safety when using drilling tools and avoid concealed water, electricity, or gas pipelines at drilling locations.

2. Electrical circuit installation

2.1 Only certified professionals may perform installation.

2.2 Required tools and materials: Test pen, wires, insulated conduit (raceway), socket panel, expansion plugs, self-tapping screws, etc.

2.3 Shut off the main power and perform modifications according to user requirements, following electrical installation regulations.

2.4 After modifications, inspect the circuits and clean the site.

3. Water line modification: Installation of integrated inlet tee ball valve

3.1 Required tools and materials: Integrated inlet tee ball valve, self-priming head, PTFE tape, PE tubing, adjustable wrench, pliers, etc.

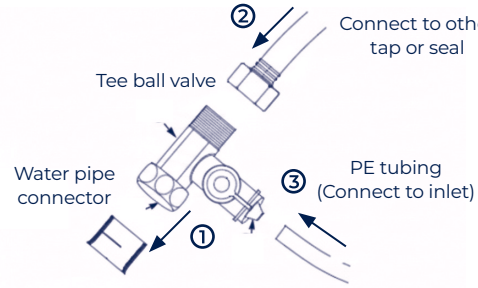
3.2 Clean the installation area, close the main water valve, and disconnect pipe fittings (e.g., tap or angle valve).

3.3 For integrated inlet tee ball valve installation: First, remove the pipe fitting, install the valve on the fitting, then reconnect to the water line.

3.4 Inlet pipe installation: **1** Under tap water conditions (as shown in the left diagram), connect the integrated inlet tee ball valve to the unit's inlet with PE tubing, ensuring sufficient tube length. **2** Under non-tap water conditions, purchase an additional self-priming head for the inlet tube end and submerge it in the water storage container.

3.5 If the inlet pressure exceeds 400kPa, purchase and install an additional pressure reducing valve.

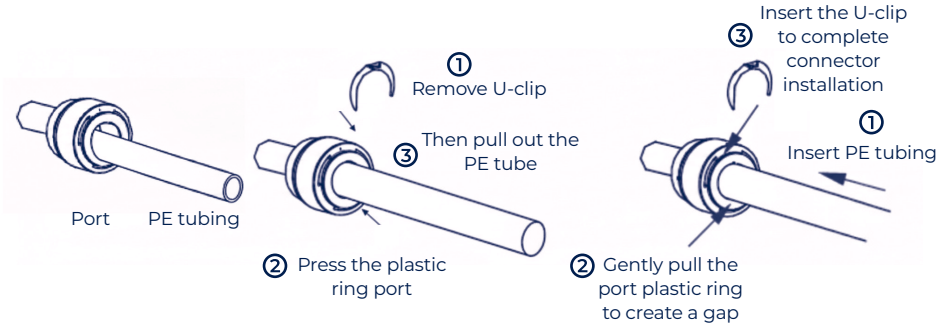
Installation and Maintenance



① Inlet tee fitting installation ② Self-priming head installation

4. Quick-connect fitting installation

Inlet/outlet ports feature quick-connect fittings. Quick-connect fittings allow for tool-free, secure connections. First, remove the U-clip from the port. Then, press the movable plastic ring on the port surface inward until it sits flush with the port. You can now easily pull out the trumpet-shaped plunger. Insert the PE tubing into the connector port until fully seated. Gently pull it outward to create a small gap between the movable plastic ring and the port. Insert the U-clip into this gap.

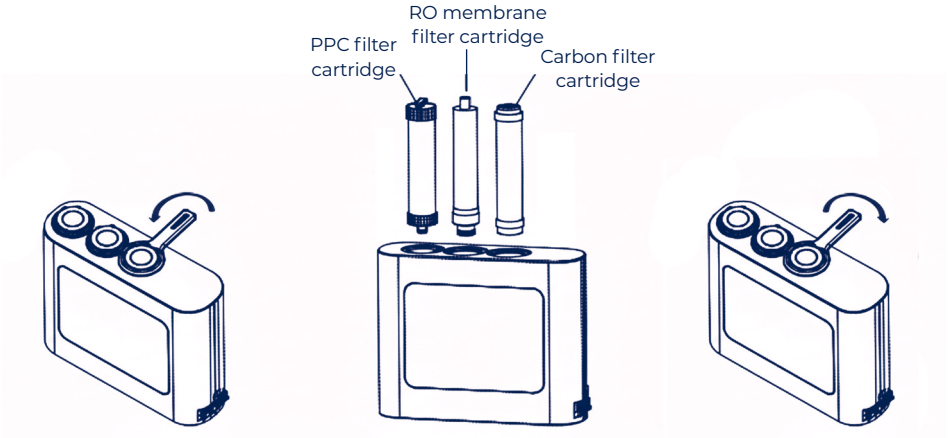


5. Install the filter cartridge

5.1 Unscrew all filter housing caps counter-clockwise from the top of the unit.

5.2 Remove the filter cartridge from its packaging and peel off the outer plastic wrap. Facing the UI panel, insert the PPC filter cartridge, RO membrane filter cartridge, and carbon filter cartridge from left to right in sequence. Ensure the side with the sealing ring faces downward.

5.3 Screw the filter housing caps clockwise in sequence. Then remove the upper cover installation tool, engage its teeth with the filter housing cap, and tighten firmly clockwise.



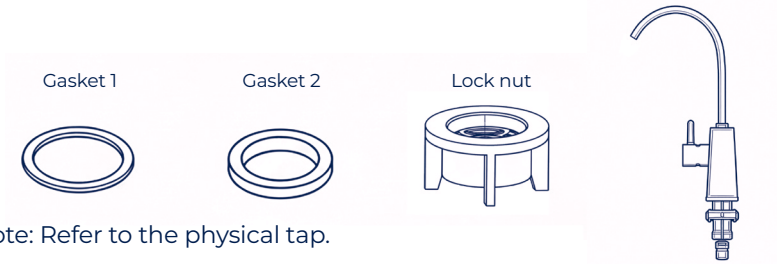
① Open filter housing cap

② Insert filter cartridge

③ Tighten filter housing cap

6. Tap installation

Create an indentation on the stainless steel sink using a hammer and nail (for drilling). Drill a 29mm hole with an electric drill, then secure the tap.



Note: Refer to the physical tap.

7. PE tubing connection

The unit uses quick-connect fittings; simply insert the tube into the corresponding port. Before connection, cut the PE tubing to the appropriate length, ensuring a smooth cut surface to prevent leaks.

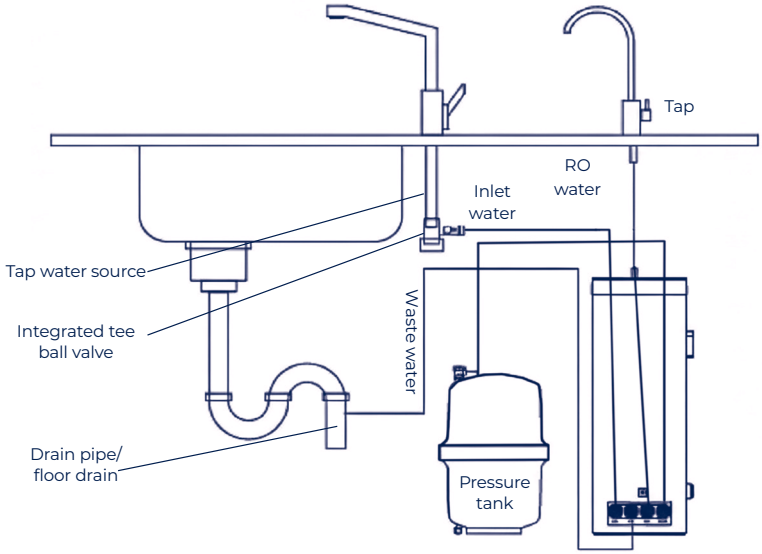
① Inlet connection: Connect the 3/8-inch PE tubing to the tap water inlet tee ball valve, adapt with a 3-to-2 connector, then connect to the unit's rear "Inlet" port. In environments without tap water, insert the inlet pipe into the self-priming head (requires separate purchase) and submerge it in the water storage container.

② RO water connection: Connect the 1/4-inch PE tubing directly to the quick-connect port at the bottom of the tap, and insert the other end into the "RO Water" connection port at the rear of the unit.

③ Waste water connection: Insert and secure one end of the 1/4-inch PE tubing to the drain pipe, and connect the other end to the port labelled "Waste Water" at the rear of the unit. (Note: The drain pipe must not be placed alone in a container without full-water protection measures to prevent floor soaking due to overflow.)

④ Pressure tank connection: Connect a suitable length of 1/4-inch PE tubing to the pressure tank port of the main unit, and connect the other end to the port labelled “Pressure Tank” at the rear of the unit.

Under-Sink Installation Diagram



Note: All products and installations are subject to actual conditions.

Instructions on Installation Space:

- The dimensions (width * depth * height) of the installation space for the main unit are 395*132*332 mm; the dimensions (width * depth * height) of the installation space for the pressure tank are 230*230*385 mm.
- The machine can be placed directly on the bottom plate of the cabinet with no fixing devices
- The minimum distances (width * depth * height) between the main unit and the surrounding structure are 10*2*2 mm; the minimum distances (width * depth * height) between the pressure tank and the surrounding structure are 2*2*5 mm.
- The product do not need to consider ventilation.
- Connection of the appliance to the supply: Connect the power cord plug of the machine to the socket. How to power on and power off? Unplug/plug the power cord plug.
- Necessity to allow disconnection of the appliance from the supply after installation: No air switch is required; a 10A, 230V socket is sufficient. The disconnection can be achieved by unplugging the power cord plug (the plug is accessible).

User Guide

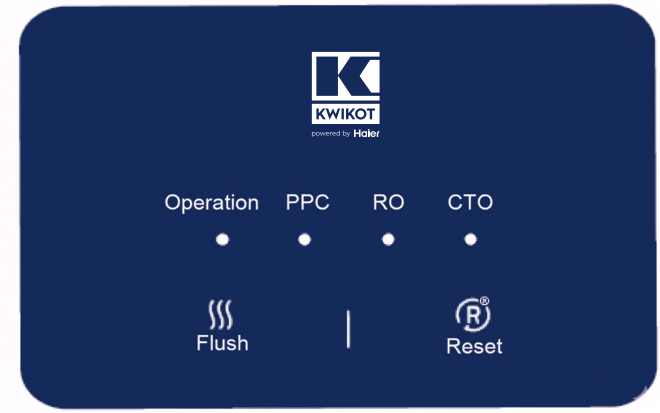
Usage method

1. For first use, after completing all connections, first close the pressure tank ball valve, open the inlet ball valve, power on the unit, and open the tap to check if the unit operates normally (with slight vibration). Run the unit for 30 minutes until clear purified water flows from the tap, then close the tap and maintain pressure for 30 minutes to check for system leaks.
2. Flush the pressure tank: Open the pressure tank ball valve, close the tap, and the unit will start producing water. After “Water Full” is reached, completely drain the water from the pressure tank twice to flush it. After flushing, the unit is ready for normal use.
3. For normal use, simply open the tap to dispense water.
4. To ensure optimal performance, it is recommended to use at least 5 liters of purified water daily.
5. If the unit has not been used for an extended period, drain water for a certain time before normal use to remove residual water in the system. If unused for 1-3 days, drain the purified water from the pressure tank and produce new water. If unused for more than 3 days, first close the pressure tank ball valve, open the tap, and run the unit for 30 minutes. Then open the pressure tank ball valve and drain the purified water from the pressure tank. Close the tap, open the pressure tank ball valve, and run the unit to produce water. After filling, drain completely and repeat the cycle twice. (The pressure tank ball valve is closed when the handle is perpendicular to the PE tubing and open when parallel.)
6. In environments without tap water, it takes time for the unit to self-prime and fill the filter cartridge tubing. Initial water production and flushing will be slower. During initial installation, press and hold the “Flush” button to initiate an intensive flushing cycle to accelerate air removal from the water line. Alternatively, pour some water into the filter cartridge in advance (avoid overflow).

Note:

- The purified water from the water purifier is safe for direct drinking.
- During initial water dispensing, black water may flow out due to carbon powder from the post filter. Wait until the water runs clear before drinking.
- Hygiene and safety: Since the RO membrane contains a moisturizing liquid (pharmaceutical grade glycerin), for hygiene and safety, the initial water produced after installation or filter cartridge replacement is not recommended for direct drinking but can be used for kitchen purposes. It is recommended to produce water for 2 hours with the faucet open, let it sit for 24 hours, and then produce water for another 2 hours.
- If the water purifier is not used for more than 24 hours, please turn off the water supply and power supply of the machine.
- If not used for more than 48 hours, please drain the water from the pressure tank before reuse.
- When used in non-tap water scenarios, a self-priming head must be used. Kwikot will not be responsible for any complaints, machine returns/exchanges, or free filter cartridge replacements due to clogging or significantly shortened filter cartridge lifespan caused by not using the self priming head.

Display function description



1. **Initial power-on state**
   After the machine is powered on, all white lights on the display panel will illuminate for 1 second, followed by all red lights for 1 second, and the buzzer will beep once.

2. **Standby state**
   In water production state, if the high-pressure switch is detected as open, the machine enters standby state, and the filter cartridge lifespan indicators display the real-time state.

3. **Water production state**
   After opening the tap, the machine enters pure water production state, and the internal pump starts running.

4. **Filter cartridge flush state**
   When powered on, the machine automatically rinses. After cumulative water production of 40 minutes, an automatic rinse is performed once. If no pure water production is detected for 24 consecutive hours, an automatic rinse is required once. Manual flush: Briefly press the “Flush” button to initiate a rinse once. Long press the “Flush “ button to initiate a intensive flushing cycle.

5. **Fault protection state**
   If the machine continuously produces water for more than 4 hours, it enters a maintenance state. The display panel shows 4 white indicators flashing, and the buzzer beeps 5 times at 1Hz. After troubleshooting, power off and restart the machine to resume normal operation.

6. **Filter cartridge lifespan reminder**
   The PPC, RO, and C indicators on the display panel correspond to the PPC filter cartridge, RO membrane filter cartridge, and carbon filter cartridge, respectively. When the filter cartridge lifespan is within the recommended replacement interval, the filter lifespan indicator shows white. When the filter cartridge lifespan is about to exceed the recommended replacement interval, the filter lifespan indicator flashes red, and the buzzer beeps 5 times during each water production. When the filter cartridge lifespan exceeds the recommended replacement interval, the filter lifespan indicator shows red, and the buzzer beeps 10 times during each water production until the filter lifespan is reset.

7. **Filter cartridge lifespan reset mode**
   Long press the “Reset” button for 3 seconds, and the buzzer beeps once to enter the filter cartridge lifespan reset mode. Briefly press the “Reset” button to select the filter cartridge to be reset, and the corresponding indicator flashes. Long press the “Reset” button again for 3 seconds, and the buzzer beeps once. The filter cartridge lifespan is restored to the initial life, displayed as a steady white light, and the filter lifespan reset mode is exited.



Filter cartridge replacement interval

After prolonged use, various impurities accumulate in the filter cartridges, affecting the water flow rate. To maintain normal water flow, replace filter cartridges regularly.

Filter Replacement Cycle			
Filter type	PPC filter cartridge	RO membrane filter cartridge	Carbon filter cartridge
Replacement interval	3-6 months	12-24 months	6-12 months

The filter cartridge replacement interval varies depending on water quality and purified water usage. The above recommendations are for reference only.
Consider replacing filter cartridges if the following occurs:

1. Poor water quality, unpleasant taste, or a significant increase in TDS value.
2. If the water flow rate significantly decreases, and it is not due to low ambient or water temperature, check if the filter cartridge or membrane is clogged or consider replacing the filter.
3. Severe discoloration or surface contamination of the filter cartridge.
4. Severe filter cartridge clogging, resulting in slow or no water flow.

Filter cartridge replacement method

To ensure optimal filtration and compliance with drinking water standards, users should regularly replace or clean filter cartridges. Filter cartridge replacement should be performed by professional water treatment installation and maintenance personnel.

1. Close the inlet ball valve and pressure tank ball valve, open the pure water tap until no water flows out, manually press the rinse button for a manual rinse, and power off the machine after completing one rinse.
2. Refer to the P7 diagram and instructions for filter cartridge installation/removal.
3. Open the inlet ball valve, power on the water purifier, and follow the steps in “Usage” on page 12 to rinse the filter cartridge. Before normal use, please open the pressure tank ball valve.
4. Refer to “Filter Cartridge Lifespan Reset Mode” on page 14 to reset the lifespan of the replaced filter cartridge.

Fault Diagnosis and Troubleshooting

Problem	Possible cause	Solution
Water leakage	Poorly welded filter housing	Replace the filter housing
	Excessive water pressure	Install a pressure reducer to adjust the inlet water pressure
	Piping or filter cartridge clogged	Replace piping or filter cartridge
	Aging or broken pipes	Replace the pipes
	O-ring of filter housing aged	Replace the O-ring
Pump running but no water output	Poorly welded filter housing	Check the cause of clogging and clear or replace
	Pump head worn or pressure lost	Repair or replace, please contact after sales service
	Inlet solenoid valve damaged	Repair or replace, please contact after sales service
	Water outage or dry running due to empty container	Check for water shortage
	O-ring of filter housing aged	Replace the O-ring
Pump not working	Power not connected	Connect the power
	No water inlet or insufficient flow, low water pressure	Improve water source pressure to meet start-up conditions
	High-pressure switch malfunction	Replace, please contact after-sales service
	Pump failure	Replace, please contact after-sales service
Pump continuously running	Damaged check valve causing pressure loss	Replace, please contact after-sales service
No purified water output or low flow rate	Tap malfunction	Replace, please contact after-sales service
	RO membrane clogged	Replace, please contact after-sales service
	Check if pressure tank is open	Open pressure tank (parallel to 1/4-inch tube)
Abnormal odour in water	Has the machine been idle for an extended period?	Produce purified water for over 30 minutes. If unresolved, replace the filter cartridge and output PE tubing with tap
	Poor source water quality	Confirm water source is municipal tap water
	Has the filter cartridge not been replaced for an extended period?	Replace filter cartridge

List of Materials in Contact with Water

Component Name	Component Material	Component Name	Component Material
Connector	POM	Tap	Stainless steel/ copper/PP
Filter bottle	PP/Sheet metal	Carbon filter cartridge	Carbon
Rinse solenoid valve	PP/Sheet metal	PPC filter cartridge	PP/Carbon
Booster pump	Nylon/Rubber	RO membrane filter cartridge	RO membrane sheet

Note: The parts list summarizes major components included in different models. Actual product configuration determines component inclusion.

Warranty Service

For products no longer under warranty, our after-sales service team offers paid support, covering labour and parts costs. All charges must comply with the official fee schedule provided by the service personnel, who will issue a formal invoice. If the charges do not align with this schedule, users have the right to refuse payment. Please keep the barcode on the machine. Service personnel must scan the barcode during each service visit as proof of maintenance to ensure accurate record-keeping.

Production date and code are on the machine's barcode.
Production date: The 5th, 6th, and 7th characters from the end of the product serial number respectively represent the day, month, and year of production. Day representation: Numbers 1-9 represent days 1-9; letters A-X represent days 10-31. Month representation: Numbers 1-9 represent months 1-9; letters A-C represent months 10-12. Year representation: Numbers 1-9 represent years 2001-2009; letters A-Z represent years 2010-2033.

Note: Letters I and O are excluded, and the sequence follows accordingly.

Reminder: For high-rise buildings with tap water pressure exceeding product rating (e.g., >400 kPa), contact after-sales service or a plumber to install a pressure reducing valve for reliable operation and extended purifier lifespan. This may incur additional charges.

To validate the warranty (Please register online)

Kwikot (Haier) SA Pty Ltd warrants that it's Water Purifiers are free from manufacturing defects. This is the only warranty given by Kwikot in respect of its Water Purifiers.

Kwikot gives no other warranty or representations, unless where explicitly implied in writing by authorized Kwikot personnel. No amendments or additions to the warranty shall be binding on Kwikot. Kwikot makes no warranty or representation in respect of the installation of instant water heaters. Claims in respect of the Water Purifiers installation must be referred to the applicable installer, who shall be solely liable under any installation warranties given.

The one year warranty covers the Water Purifiers only and does not cover any other part or parts used in the installation, which may become damaged as a consequence of the failure or defect of the instant water heater.

Kwikot will repair, or at its own discretion, replace the faulty part with a new or re-manufactured one. The one year warranty period will be calculated from the date of purchase or the date of installation of the original instant water heater.

If Kwikot carries out repairs or replacements, the warranty will not start afresh or be extended, irrespective of how many repairs or replacements are carried out. Components removed during warranty repairs, will remain the property of Kwikot.

Warranties are applicable only in South Africa, Namibia, Botswana, Swaziland and Lesotho and are subject to Water Purifiers being used for water, which is of the quality equivalent to SANS 241 drinking water quality.

Damage due to freezing is not covered under warranty. Please see manual for more information on protecting the unit.

A warranty will only be honored if:

a. The applicable warranty is still in force/valid.
b. The Water Purifiers is installed, used and maintained in accordance Kwikot specifications and instructions.
c. Where applicable, all other products used in the installation must comply with SANS. Non-compliant SANS products will result in forfeiting the warranty.



Notes

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