

The diagram above is just for reference. Please take the appearance of the actual product as the standard.

WATER PURIFIER

Instruction Manual

MODEL:MRO1882-600G

Before installing and operating your water purifier, please read the instruction manual carefully and keep it for future reference.

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The packaging material used is recyclable; we recommend that you separate plastic, paper and cardboard and give them to recycling companies. Guidelines, waste from electrical and electronic devices should be collected separately. If you need to dispose of this appliance in the future, do NOT throw it away with the rest of your domestic garbage.



SAFETY INSTRUCTIONS

Please note the following brief icons and rules for safe use of this product



Troubleshooting

When the machine fails, please disconnect the power and water source immediately



Maintenance

Never remove the parts on the machine to avoid leakage or damage



Avoid contact with children

Never have the machine operated by a child



Temperature

Please use the product in a dry place with the temperature of 4–38°C



Electricity prevention

To avoid leakage of electricity.



Accessories and filters

To maintain the normal operation of the machine, be sure to use accessories and filters supplied by original company



Emergency call

For any help, please call the local sale service center or the national service hotline



Correct repair service

This machine can only be repaired by qualified personnel designated by this company



Avoid direct sunshine

Do not install the machine in a place exposed to direct sunshine



Anti-freeze

Never store or expose the product in an environment less than 0°C

WARNING

- This appliance can be used by children aged from 8 years and above if they have been given supervision or instruction concerning use of the appliance in a safe way and if they understand the hazards involved. Cleaning and user maintenance shall not be made by children unless they are older than 8 and supervised. Keep the appliance and its cord out of reach of children aged less than 8 years.
- Appliances can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The instructions for fixed appliances shall state how the appliance is to be fixed to its support.
- The method of fixing stated is not to depend on the use of adhesives since they are not considered to be a reliable fixing means.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- This appliance is intended to be used by expert or trained users in shops, in light industry and on farms, or for commercial use by lay persons.
- WARNING: To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.
- The appliance must not be immersed.
- The new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.
- WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- WARNING: Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- The appliance must not be cleaned by a water jet.
- WARNING: When positioning the appliance, ensure the supply cord is not trapped or damaged.
- WARNING: Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- The new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.

IMPORTANT SAFEGUARDS

⚠ WARNING

To ensure safety, avoid injury and property loss, be sure to follow safeguards. Ignoring safeguards may result in damage to the product and void the warranty.



SAVE THESE INSTRUCTIONS

INTENDED USE

- The product is intended to filter and improve the quality of tap-water from the mains water supply.
- Do not use this product to filter well water or water from other sources other than from the mains water supply.
- The product is intended for domestic use only.
- The product is intended to be used in dry indoors areas only.
- No liability will be accepted for damages resulting from improper use or non-compliance with these instructions.

Advanced Multistage Dual Cell Filtration

- **Sediment Filter:** Traps large sediment such as sand, dirt, silt, and rust.
- **Active Carbon Filter:** Separates volatile organic carbon compounds, pesticides, and chemicals.
- **High Precision PP Filter:** Removes fine particles from tap-water.
- **Reverse Osmosis Filter:** Eliminates up to 99% of common drinking water contaminants.
- **Carbon Block Filter:** Improves drinking water taste and gets rid of odors.

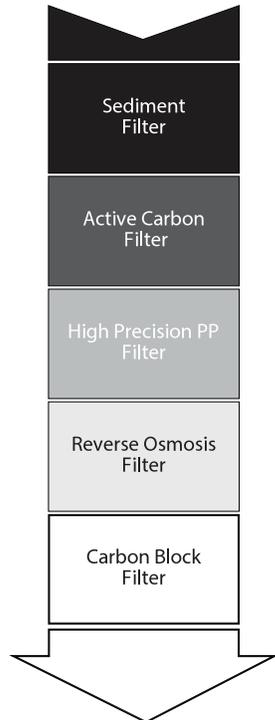
General Filter Replacement Intervals

- RO Filter - Replace every 24 months*
- PCB Filter - Replace every 12 months*

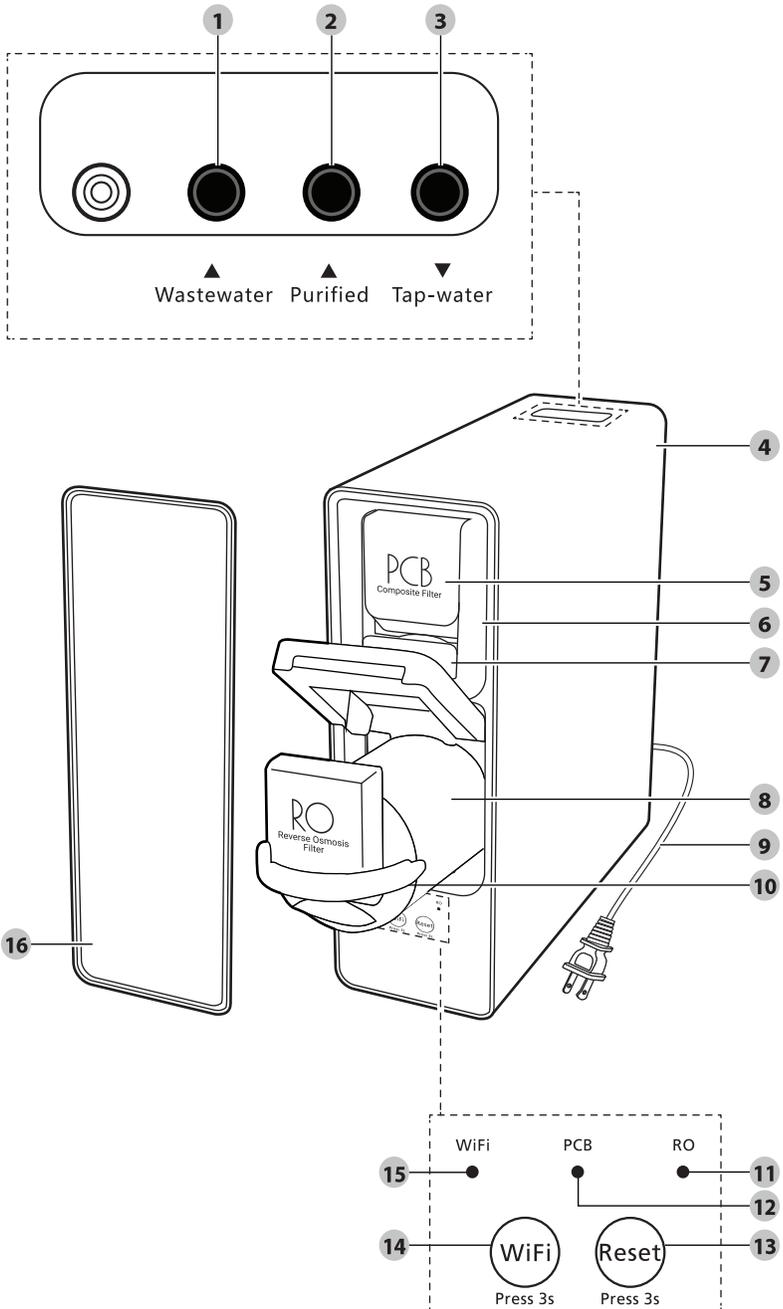
*Filter life may vary depending upon water usage and source water quality

"Did You Know?"

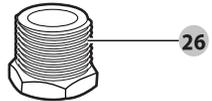
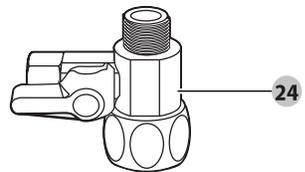
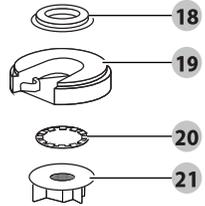
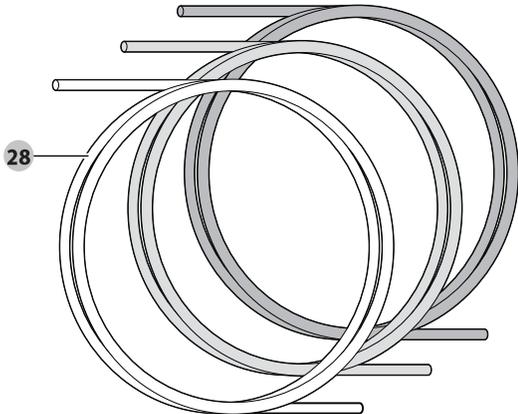
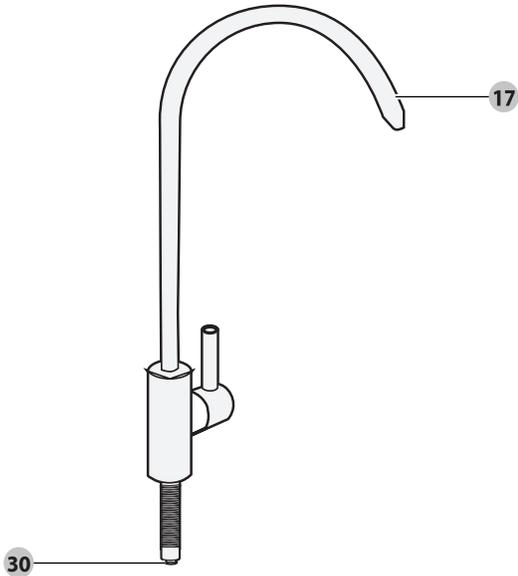
Reverse Osmosis (RO) is a water treatment process that removes contaminants from water by using pressure to force water molecules through a membrane. During this process, the contaminants are filtered out and flushed away, providing clean and safe drinking water.



PRODUCT OVERVIEW



PRODUCT OVERVIEW



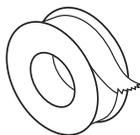
PRODUCT OVERVIEW

- 1 Drain
- 2 Purified water outlet
- 3 Tap-water inlet
- 4 Main unit
- 5 PCB filter
- 6 Filter release handle
- 7 Handle lock
- 8 RO filter
- 9 Supply cord with plug
- 10 Filter handle
- 11 **RO** filter indicator
- 12 **PCB** filter indicator
- 13 Button (**Reset**)
- 14 Button (**WiFi**)
- 15 **WiFi** indicator
- 16 Cover
- 17 Faucet
- 18 Large rubber gasket
- 19 Plastic washer
- 20 Tooth lock washer
- 21 Locking nut
- 22 Drain saddle
- 23 Square gasket
- 24 3-way valve
- 25 Medium rubber gasket
- 26 1/2" adapter
- 27 Small rubber gasket
- 28 PE-tube (3x)
 - RED: DRAIN
 - BLUE: INLET
 - WHITE: OUTLET
- 29 Locking clip (8x)
- 30 Quick-connect release

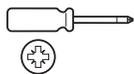
Required tools (not included)



Power drill with 1/4" drill bit



Thread seal tape



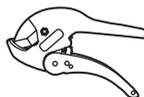
Cross-head screwdriver



Bucket



Adjustable wrench



Pipe cutter



Safety glasses

BEFORE FIRST USE

⚠ DANGER Risk of suffocation!

Keep any packaging materials away from children and pets – these materials are a potential source of danger, e.g. suffocation.

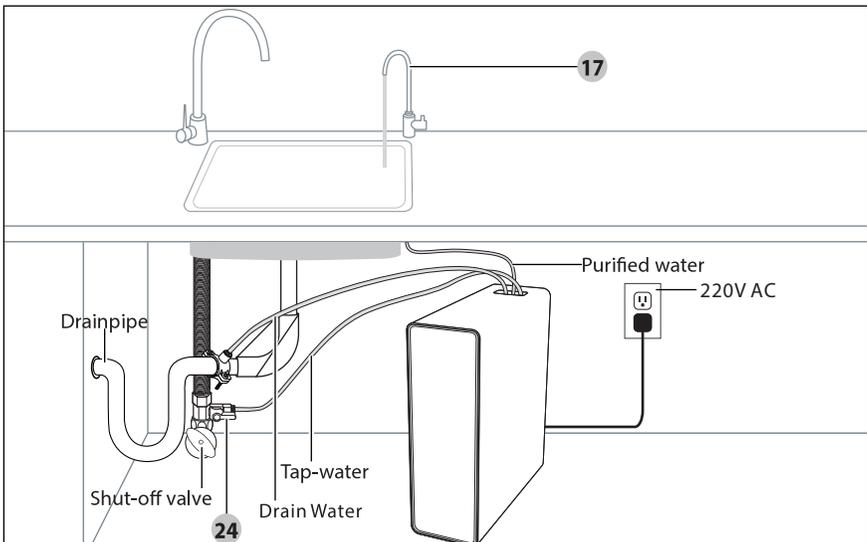
1. Remove all the packing materials.
2. Remove and review all components before use.
3. Check the product for transport damages.
4. Before connecting the product to the power supply, check that the power supply voltage and current rating corresponds with the power supply details provided on the product rating label.

PREPARATION

1. This product should be installed and maintained only by the company or by the staff designated by the company. If in doubt, consult a professional.
2. Ensure the mains water supply meets the product requirements, see chapter **Specifications**.
3. It is recommended to place the main unit in the cabinet under a sink on a flat and level surface. Before starting the installation, place the product in its planned location to ensure the location is suitable.
4. Ensure there is sufficient access to the plumbing under the sink and the main water valves.
5. Ensure the supply cord and PE-tubes can be routed without kinking or bending.
6. Ensure all required tools are available before starting the installation.
7. Leave at least 4" (10 cm) of free space around the product to allow for proper ventilation.

NOTICE It is normal for the main unit to emit some noise and to slightly vibrate when water is being processed/treated. This does not indicate malfunction.

CONNECTION DIAGRAM

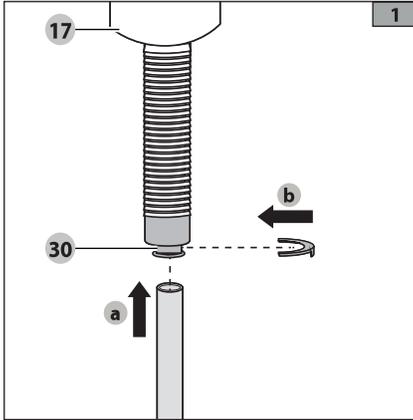


HOW TO USE THE QUICK-CONNECT FITTINGS

All parts of the product that connect with PE-tubes (28) are equipped with quick-connect fittings.

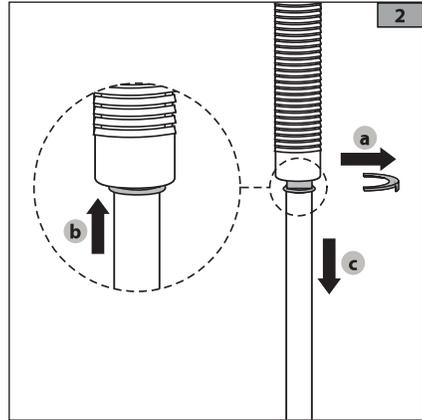
To attach a PE-tube to a quick-connect fitting:

1. Push the PE-tube (28) into the fitting.
2. Slide the locking clip (29) between the quick-connect release (30) and the fitting (Fig. 1).



To disconnect a PE-tube from a quick-connect fitting:

1. Remove the locking clip (29).
2. Push and hold the quick-connect release (30).
3. Pull the PE-tube out of the fitting (Fig. 2).



INSTALLATION

Installing the 3-way valve

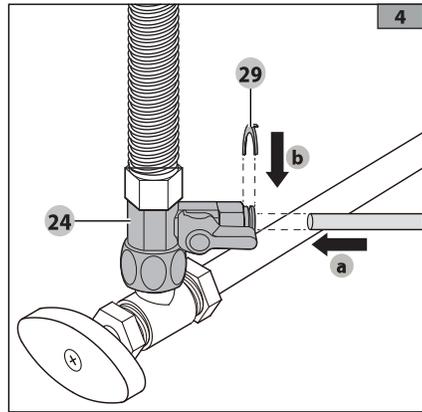
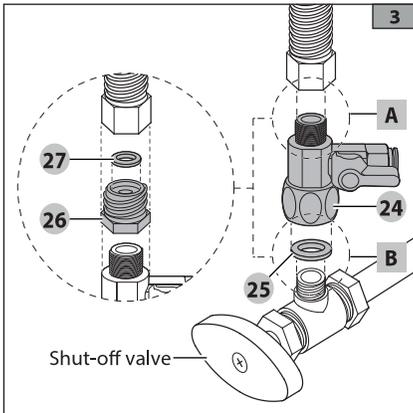
NOTICE The 3-way valve (24) has a threaded diameter of 3/8" and can be converted to 1/2" using the provided 1/2" adapter (26).

1. Locate the cold water supply shut-off valve under the sink and close it.
2. Open the sink faucet to release remaining pressure in the cold-water line. Make sure the pressure has been released before proceeding to the next step. Have a bucket ready to capture any water left in the water line.
3. Use an adjustable wrench to unscrew the cold-water line from the water supply shut-off valve.
4. Wrap the threads of the 3-way valve (24) with thread seal tape.
5. Remove any old thread seal tape from the water supply shut-off valve.
6. Wrap the threads of the water supply shut-off valve.

NOTICE The 1/2" adapter (26) and small rubber gasket (27) can be either placed on top of the 3-way valve (24) (Fig.3-A) or on top of the water supply shut-off valve (Fig.3-B).

7. Place the medium rubber gasket (25) on the water supply shut-off valve and screw the 3-way valve (24) onto the water supply shut-off valve using an adjustable wrench. Make sure that the 3-way valve (24) is connected securely. Do not over tighten the connections, this may damage the fittings (Fig. 3).
8. Connect one end of the tap-water PE-tube (BLUE) to the 3-way valve (24) by pushing it into the quick-connect fitting. Secure the PE-tube with the safety clips (29) (see chapter **How to use the quick-connect fittings**) (Fig. 4).

NOTICE Do not connect the other end of the PE-tube to the main unit (4) at this time.



INSTALLATION

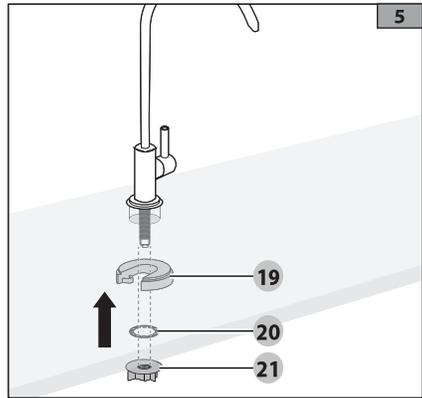
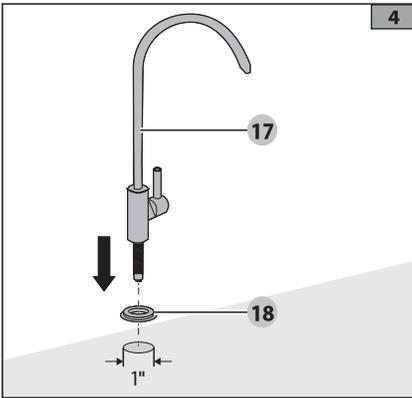
Installing the faucet

CAUTION Risk of damage!

Some kitchen counter top materials, including granite, porcelain, steel and plastic resin, require specialized tools and can be irreparably damaged if unsuitable tools are used.

Installing the faucet (17) requires a hole in the counter top or sink. The hole size must be 1" in diameter.

1. Use a pre-existing hole if available. If no pre-existing hole is available, consider hiring a professional.
2. Place the large rubber gasket (18) over the hole and place the stem of the faucet (17) through the hole (Fig. 4).
3. First place the plastic washer (19) and then the tooth lock washer (20) onto the stem of the faucet (17) and secure them using the locking nut (21) on the threaded stem (Fig. 5).



4. Connect one end of the purified water PE-tube (WHITE) to the faucet (17) by pushing it into the quick-connect fitting. Secure the PE-tube with the safety clips (29) (see chapter **How to use the quick-connect fittings**).

NOTICE Do not connect the other end of the PE-tube to the main unit (4) at this time.

Sanitizing Procedure

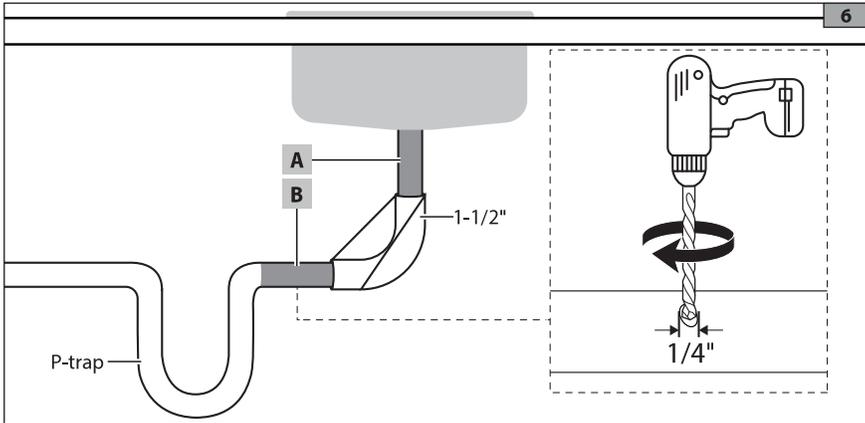
PLEASE PROVIDE DETAILS IF REQUIRED

INSTALLATION

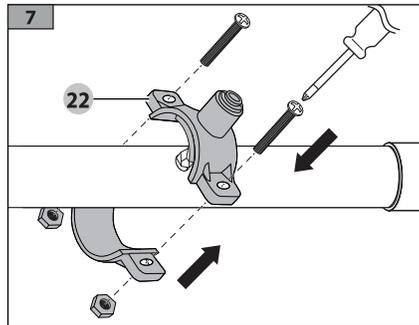
Installing the drain saddle

NOTICE The drain saddle (22) fits around a standard 1-1/2" drainpipe.

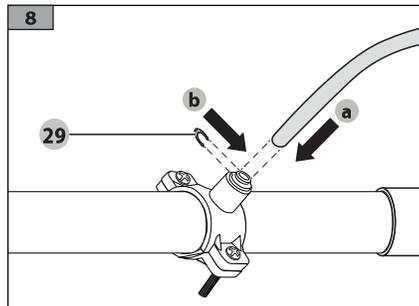
1. Select and mark a location on the drainpipe (A or B). The location must be straight, at least 3" and before the P-trap (Fig. 6). It is recommended to use a horizontal location (Fig. 6-B)
2. Place the drain saddle (22) around the drainpipe to check the fit.



3. Drill a 1/4" hole. Make sure to only drill through one side of the drainpipe (Fig. 6).
4. Remove any loose plastic from the drainpipe.
5. Remove the protective plastic from the square gasket (23).
6. Align the hole in the square gasket (23) with the hole drilled in the drainpipe. Press the square gasket (23) in place for 10 seconds to ensure a tight seal.
7. Remove the protective plastic from the exposed side of the square gasket (23).
8. Align the quick-connect fitting on the drain saddle (22) with the hole in the drainpipe. For easier alignment, carefully push the drill bit through the quick-connect fitting and use the tip to align the hole (Fig. 7).
9. Connect the two halves of the drain saddle (22) with the nuts and screws. Tighten both sides equally to secure the drain saddle (22) and remove the drill bit from the quick-connect fitting (Fig. 7).
10. Push the wastewater PE-tube (RED) into the quick-connect fitting on the drain saddle (22) (Fig. 8-a). Insert the wastewater PE-tube at least 0.6" to avoid any leakage.



11. Secure the PE-tube with the safety clips (29) (see chapter **How to use the quick-connect fittings**) (Fig. 8-b).

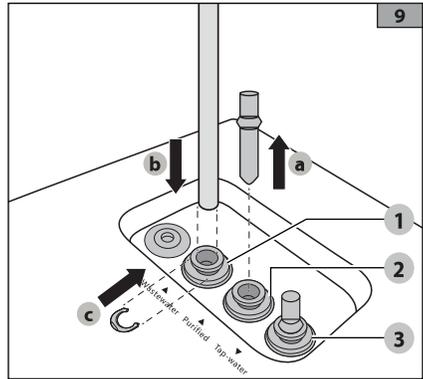


INSTALLATION

Connecting the PE-tubes to the main unit

The main unit (4) has one **Wastewater** outlet (1), **Purified water** outlet (2) and **Tap-water** inlet (3). These correspond to the three PE-tubes.

1. Remove the protective silicon plugs from the inlet and outlets on the main unit (4) (Fig. 9-a)
2. Push the wastewater PE-tube into the quick-connect fitting of the **Wastewater** outlet (1) (Fig. 9-b). The other end of the wastewater PE-tube is connected to the drain saddle (22).
3. Push the tap-water PE-tube into the quick-connect fitting of the **Tap-water** inlet (3). The other end of the tap-water PE-tube is connected to the 3-way valve (24).
4. Push the purified water PE-tube into the quick-connect fitting of the **Purified** outlet (2). The other end of the purified water PE-tube is connected to the faucet (17).
5. Secure each of the PE-tube with the safety clips (29) (see chapter **How to use the quick-connect fittings**) (Fig. 9-c).

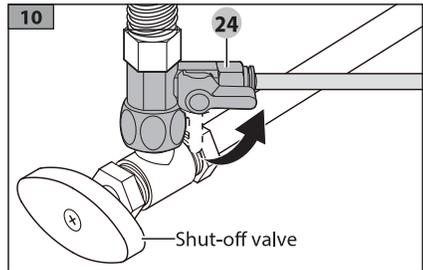


Checking for leaks

CAUTION Risk of damage!

Do not connect the main unit (4) to the power supply at this time. Always check for leaks before connecting the product to the power supply.

1. Close the faucet (17).
2. Open the 3-way valve (24) and the water supply shut-off valve (Fig. 10).
3. Check all connection points for any leaks.
4. Use the water supply shut-off valve to turn off the water supply if any leaks are spotted.



USING THE PRODUCT

CAUTION Risk of damage!

- Close the 3-way valve (24) and disconnect the product in the event of a water shutdown or pipeline maintenance. Always flush the water lines after any maintenance work has been carried out to avoid larger debris to enter the filters.
- If you plan to not use the product for an extended period of time, close the 3-way valve (24). Before using the product again, open the 3-way valve and allow the water to run through the faucet (17) for 3 to 5 minutes.

USING THE PRODUCT

Buttons	
Button (WiFi) (14)	Press 3s to connect the device to the network
Button (Reset) (13)	Press after replacing filters (see chapter MAINTENANCE)
Signals	
All indicator (11, 12, 15) are blinking and the product emits 5 beeps	Product is switching on and going through a startup procedure.
The PCB indicator (12) and RO indicator (11) are on	The filters are working correctly. No action required.
The PCB indicator (12) and/or RO indicator (11) is/are blinking	The corresponding filter needs to be replaced.
The PCB indicator (12) and RO indicator (11) are blinking alternately	The product is in auto-cleaning mode.
All indicators (11, 12, 15) are off.	The product is in stand-by mode.
Modes	
Stand-by mode	The product automatically switches into stand-by mode after 3 hours of non-use. All indicators go off. The product resumes operation as soon as the connected faucet (17) is used and water passes through the filters.
Safety mode	The product automatically switches off if water runs continuously for 30 mins. To reset, close the faucet, turn off the power, switch the product on. The product returns to normal operation.
Auto-cleaning mode	The product is cleaning the filters.

Start up

1. Connect the plug (9) to a 220V AC power outlet.
2. All indicator (11, 12, 15) blink simultaneously for 5 seconds while the main unit (4) emits 5 beeps, signaling that the system is starting up. The main unit (4) will enter the auto-cleaning mode for 25 seconds. Do not use the connected faucet (17) during this time.
3. After the product has completed its auto-cleaning mode, it is recommended to open the connected faucet (17) and allow water to run for at least 20 minutes to flush the filters before drinking the water for the first time.

Use

1. Slowly turn the handle of the faucet (17) from its upright position 90° anti-clockwise to start the flow of water.
2. Turn the handle of the faucet (17) 90° clockwise to stop the flow of water.

NOTICE The amount of purified water depends on water pressure and water temperature.

WIFI CONNECTION

1. Before you start, make sure that:

- Your smartphone is connected to home wifi network, and you know the network password.
- Make sure you are next to home appliances.
- The 2.4GHz (preferable) or 5GHz band wireless signal is enabled on your wireless router.

1 Download MSmartLife App
Scan the QR code below, or search for "MSmartLife" in Google play(Android devices) or App Store(ios devices) to download the app.






2 Register or Login account
Open the App and create a user account, if you already have one, just log in.



3 Add your appliance
Tap the "+" icon to add home appliance to your MsmartLife account.



4 Connected to the network
Follow the instructions in the app to set up the WiFi connection. If the network connection fails, please refer to the App tips for operation.



WiFi Status Light

	Slowly flashing	Waiting for connection
	Quickly Flashing	Connecting
	Quickly flashing solid	Connected to your wireless router

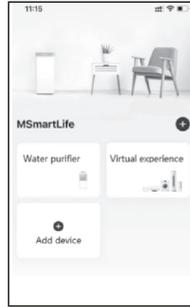
⚠ Notes on networking

- When networking the product, please make sure that the mobile phone is as close as possible to the product.
- According to the App tips, if the product only supports 2.4GHz wifi communication, please note that the 2.4GHz networking is selected for connection.
- Midea recommends WiFi router SSID names contain only alphanumeric values. If special characters, punctuation marks or spaces are used it might prevent the SSID name from showing up in the available networks to join in the App. Try it and if the SSID shows up then it is ok to use, otherwise log into the router and change the SSID name.
- A large number of devices on the WiFi router can affect network stability, there is no way that Midea can advise a specific number limitation as this depends on router quality and many other factors.
- If the router or WiFi name and WiFi password change, please repeat the above process to reconnect to the network.
- As the product technology is updated, the content of MsmartLife may change, and the actual display in MSmartLifeApp shall prevail.

WIFI CONNECTION

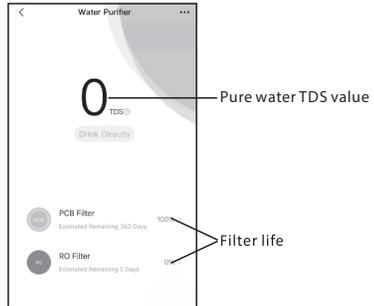
2. Add device

Add device > input router account password
select clean drink device > select model
MRO1822-600G > follow the prompts to
operate device > wait for connection.

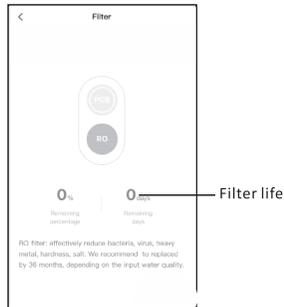


3. Application software operation interface

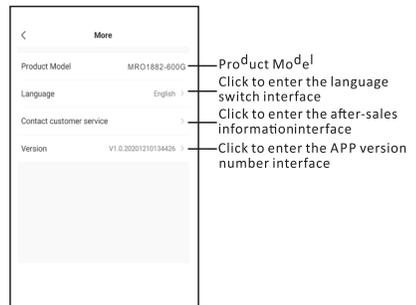
3.1 Enter the home page of the APP
control interface, the display is as follows:



3.2 On the APP homepage interface, click the
corresponding filter element icon to enter the
corresponding filter element life display
interface:



3.3 APP control interface homepage, swipe
the screen, enter other function display
interface:



MAINTENANCE (FILTER REPLACEMENT)

NOTICE

- Once the **RO** filter (8) or **PCB** filter (12) needs to be replaced, the corresponding indicator (11, 12) starts to blink. Both filters can also be replaced manually before this happens.
- Both filters have a limited service life. Changes in the taste, odor, color and flow of the water being purified indicate that the filter should be replaced.

To change a filter, proceed as follows:

1. Close the 3-way valve (24) (Fig. 11).
2. Disconnect the plug (9) from the power outlet.
3. Open the drinking water faucet (17) to release pressure.
4. Remove the cover (16) from the main unit (4).
5. Pull down the handle lock (7) and lift the handle (6) (Fig. 12).
6. Hold the handle (6) with one hand while removing the filter by its handle (Fig. 13).
7. Hold the handle (6) with one hand while inserting a new filter (Fig. 14).
8. Push the filter handle down until it locks in place (Fig. 15).
9. Close the faucet (17).
10. Open the 3-way valve (24).
11. Connect the plug (9) to the power outlet.
12. All indicator (11, 12, 15) blink simultaneously for 5 seconds while the main unit (4) emits 5 beeps, signaling that the system is starting up. The main unit (4) will enter the auto-cleaning mode for 25 seconds. Do not use the connected faucet (17) during this time.
13. After the product has completed its start up, press and hold the button (Reset) (13) for 3 seconds until you hear a beep.

PROMPT FILTER REPLACEMENT

14. Open the connected faucet (17) and allow water to run for at least 20 minutes to flush the filters before drinking the water for the first time.

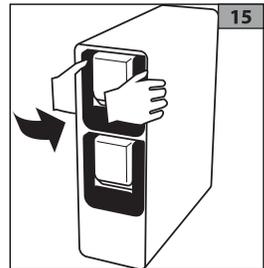
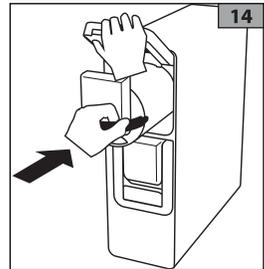
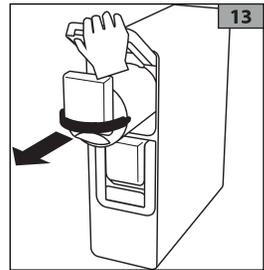
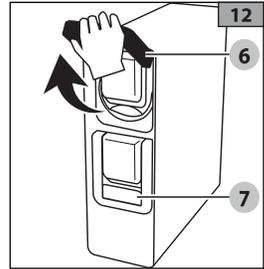
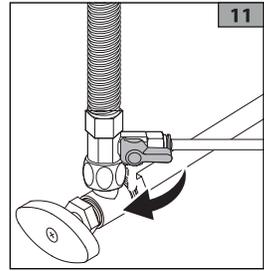
NOTICE

Any other servicing than mentioned in this manual should be performed by a professional repair center.

MANUAL FILTER REPLACEMENT

Follow steps 1-13 above and then proceed as follows:

13. Press the button (Reset) (13) to select the filter to be replaced. A blinking indicator (11, 12) signals which filter has been selected.
14. Once the correct filter is selected, press and hold the button (Reset) (13) for 3 seconds until you hear a beep and the indicator of the selected filter remains on.
15. Flush the filter for at least 20 minutes.



TROUBLESHOOTING

Problem	Possible causes	Solution
Decreased flow of purified water.	The 3-way valve (24) is not fully open.	Fully open the 3-way valve (24).
	The filter is blocked or has reached the end of its life cycle.	Replace the filter.
Change in water taste.	The filter was not used for several days.	Turn on the faucet (17) and allow the water to run for 5 minutes.
	The filter has reached the end of its life cycle or is defective.	Replace the filter.
The purified water contains a high level of total dissolved solids (TDS).	The level of TDS in the water supply exceeds the maximum level.	Immediately stop using the product and close the 3-way valve to avoid damage. Install a pretreatment device ahead of this product in the water supply. Reinstall the product.
The main unit (4) is leaking.	System component failure.	Close the 3-way valve (24) and disconnect the plug (9) from the power outlet. Immediately contact customer support.
	Filters not installed correctly.	Close the 3-way valve (24). Remove and refit the filters. Open the 3-way valve (24).
There is no purified water coming out of the connected faucet (17).	The water leakage detector has been triggered.	Close the 3-way valve (24) and disconnect the plug (9) from the power outlet. Inspect the lines and pipes for external leaks. Tilt the main unit (4) to check for internal leaks: <ul style="list-style-type: none"> If leakage is internal, water will drain out from the main unit. Contact customer support. If the leakage is external, inspect for leaks and fix the leak accordingly. Drain any water from main unit by tilting it. Reset the leakage detector: disconnect the plug (9) from the outlet. Disconnect the tap-water PE-tube (BLUE). Reconnect the tap-water PE-tube (BLUE) to the Tap-water inlet (3), and connect the plug (9) to the power outlet.
	An air bubble is blocking the PE-tubes (usually after a filter replacement or water supply shutdown).	Close the 3-way valve (24) and disconnect the plug (9) from the power outlet. Turn on the kitchen faucet and make sure the water is flowing. Open the 3-way valve (24) and connect the plug (9) to the power outlet.

CLEANING

- Before cleaning, disconnect the product from the power supply.
- Do not use any aggressive cleaners, brushes with metal or nylon bristles, or sharp or metallic cleaning utensils such as knives, hard scrapers, and the like. They could damage the surfaces.
- Use a damp cloth to wipe off the of the product. Let the product dry completely.

SPECIFICATIONS

Model.....	MRO1882-600G
Rated voltage.....	220V AC
Rated frequency	50 Hz
Rated current	4 A
Power consumption	80 W
Protection class	Class II
Inlet water source.....	Municipal tap water
Inlet water pressure	0.1 - 0.6MPa
Operating and storage temperature	4-38 °C
RO filter life cycle	24 months(7200 liters)
PCB filter life cycle	12 months(3600 liters)
Inlet water temperature	4-38 °C
Product dimensions (H x W x D)	470 x 228 x 565 mm
Gross weight	11.0kg
Net weight	9.8kg

Recommended Water Quality

Specifications	Limits
Total Dissolved Solids (TDS)	up to 750 ppm
Turbidity	up to 1 NTU
Inlet water pressure	0.1 - 0.6MPa
Inlet water temperature	4 - 38 °C

NOTICE The output amount of purified water depends on the inlet water pressure and temperature.

DISPOSAL

Disposing of the product

Should the product no longer be capable of being used at some point in time, dispose of it in accordance with the regulations in force in your city or county. Ensure your recycling information applies to the local regulations.

The product is subject to change without notice.

