

Trouble Shooting

NOTE: Turn off the system

PROBLEM	POSSIBLE CAUSE	SOLUTION
The machine does not start	The power is not turned on	Check the power supply or the power plug
	The high voltage switch cannot be reset	Measure its resistance after releasing the pressure and replace it
	Transformer burns out	Measure its output voltage and replace it
The high-pressure pump works normally but cannot produce water	Pressure loss of high-pressure pump	Measure the outlet pressure of the pump and replace it
	The four-sided valve is faulty and cannot enter water (there is no pure water or waste water)	Replace the four-sided valve
	The pre-filter is blocked	Observe the pure water and waste water, and replace the pre-filter
	RO membrane is blocked	Clean or replace RO membrane
The machine shuts down but the waste water does not stop	The solenoid valve fails to effectively cut off the water	Observe the waste water and change the four-sided valve
	Check valve to relieve pressure (waste water flow is small)	Observe the waste water and replace the check valve
The machine repeatedly jumps off after the water is full	High-voltage switch failure	Replace the high-voltage switch
	The system has pressure relief phenomenon	Check the pure water pipeline after the check valve
	The pre-filter is blocked	Replace the pre-filter
	RO membrane is blocked	Clean or replace RO membrane
Insufficient pure water	The waste water ratio is too conductive	Replace waste water ratio
	Insufficient high-pressure pump pressure	Measure the pump outlet pressure

Warranty Service

1. The warranty period starts from the date of issuing the invoice.
2. Warranty period: The whole machine is guaranteed for two years, and the consumables are not within the scope of the warranty.
3. If the machine number is altered, the user disassembles and replaces the machine by himself or the operation not in accordance with the instructions and all man-made damage are not covered by the warranty.
4. If your machine is abnormal, please unplug it immediately, turn off the water source and contact with local distributors.

AICKSN[®]

U.S. AICKSN Technology Co., Ltd.
 Address: 250 w clifton st tampa, FL 33614
 Aicksn (Fujian) Environmental Protection Technology Co., Ltd
 Tel: 0086 0592-5776975
 0086 0592-5569172
 Website: www.aicksn.com

MODEL MH-R02000G-WST MANUAL

Central Reverse Osmosis Water Filtration Systems



Thank you for choosing our Reverse Osmosis Water Systems. You now own a superb Reverse Osmosis (RO) system that adopts the international advanced reverse osmosis membrane (RO membrane) as the core, and with multi-stage pre-treatment filtering, the filtering accuracy reaches 0.0001 micron, effectively reducing most contaminants, organic and inorganic compound, unwanted taste and odor from tap water. It is designed to transform your tap water into distill water. The entire water production process is fully automatic.

Filter Service Life

20" PAT: 8-12 Months.

R02000G: 24-36 Months.

Depending on water quality and consumption.

System Includes

MH-RO2000G-WST

- RO Manifold 1set
- RO Membrane Filter 20" 2pcs
- PAT Filter 20" 1pc

Packing Kit 1set including:

- PE Hose 1/2" 3m
- PE Hose 3/8" 2m
- Adaptor 36V7A: 1pc
- 1/2" Quick Connector to NPT 4pcs
- 1/2" Quick Connector to FNPT 1pc
- UV Light: 2GPM 1pc FNPT 1pc
- 4-way Ball Valve 1pc
- User manual 1pc

Product Specification

MH-RO2000G-WST

Rated voltage	110-220V 50-60Hz
Output voltage	36V / 7A
Water inlet pressure	0.15-0.4Mpa
Water inlet requirement	Municipal water
Water inlet temperature	5-45°C
Water inlet pipe size	1/2"
Water outlet pipe size	1/2"
Wastewater pipe size	3/8"
Rated flow \geq	4.2L/M
Drain ratio	Manual adjustable
Size	33.5x26x67.5cm
N.W	18.5KGS
Packing	1pc/CTN
CTN	39.5x32x72.5
G.W	20KGS

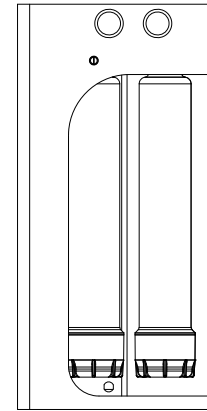


Figure 1

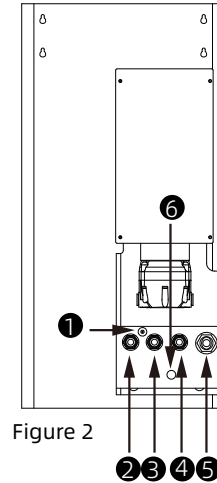


Figure 2

- 1.Power
- 2.Drain
- 3.Tank
- 4.RO Outlet
- 5.Inlet
- 6.Drain Valve

Main Component



- 1.RO Manifold Frame 1set
- 2.PAT Filter 20" 1pc
- 3.RO Membrane Filter 20" 2pcs

- 4.Pump 36V 5A 1pc
- 5.Adaptor 36V 7A 1pc

Installation Instruction

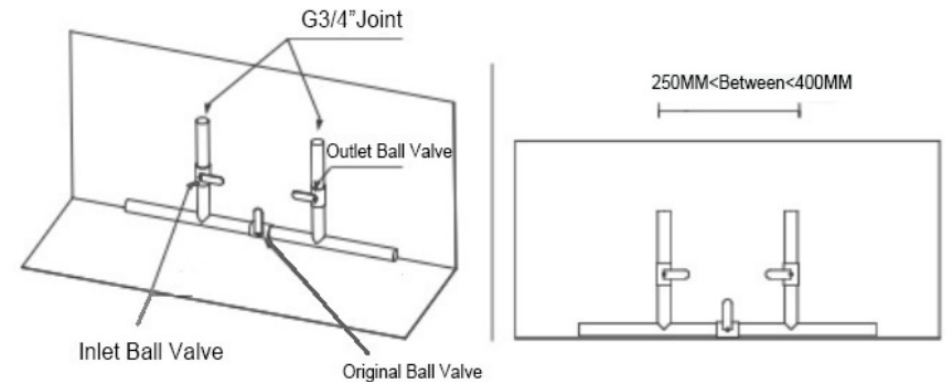
1.Preparations before installation

Confirm the installation position of the water purifier, the power supply, and the concentrated underwater water pipe [The installation should depend on the time situation].
Confirm that all accessories required for installation are complete. [Refer to the packing kit for details] Close the water inlet valve before installation.

2.Installation steps:

- 2.1 Open the carton, take out the machine, and lay it flat to a suitable installation position, as shown in Figure 1.
- 2.2 Installation of water inlet and outlet joints, as shown in Figure 2.

Flow Chat



Machine debugging:

After confirming that the water connection is correct, open the water inlet three-way ball valve [confirm whether there is tap water supply], and plug it in power supply [confirm whether the socket has electricity], at this time the high-pressure pump starts, the waste water outlet starts to drain, after entering the water production state, there will be a small amount of white protective liquid when the water purifier tap is turned on for the first time, and the water will be kept for 3-10 minutes until there is no white protective liquid. The TDS data will be slightly higher when the pure water machine is used for the first time, and it is necessary to continue to discharge the water to make the machine produce water flow to about 50-100 liters.