



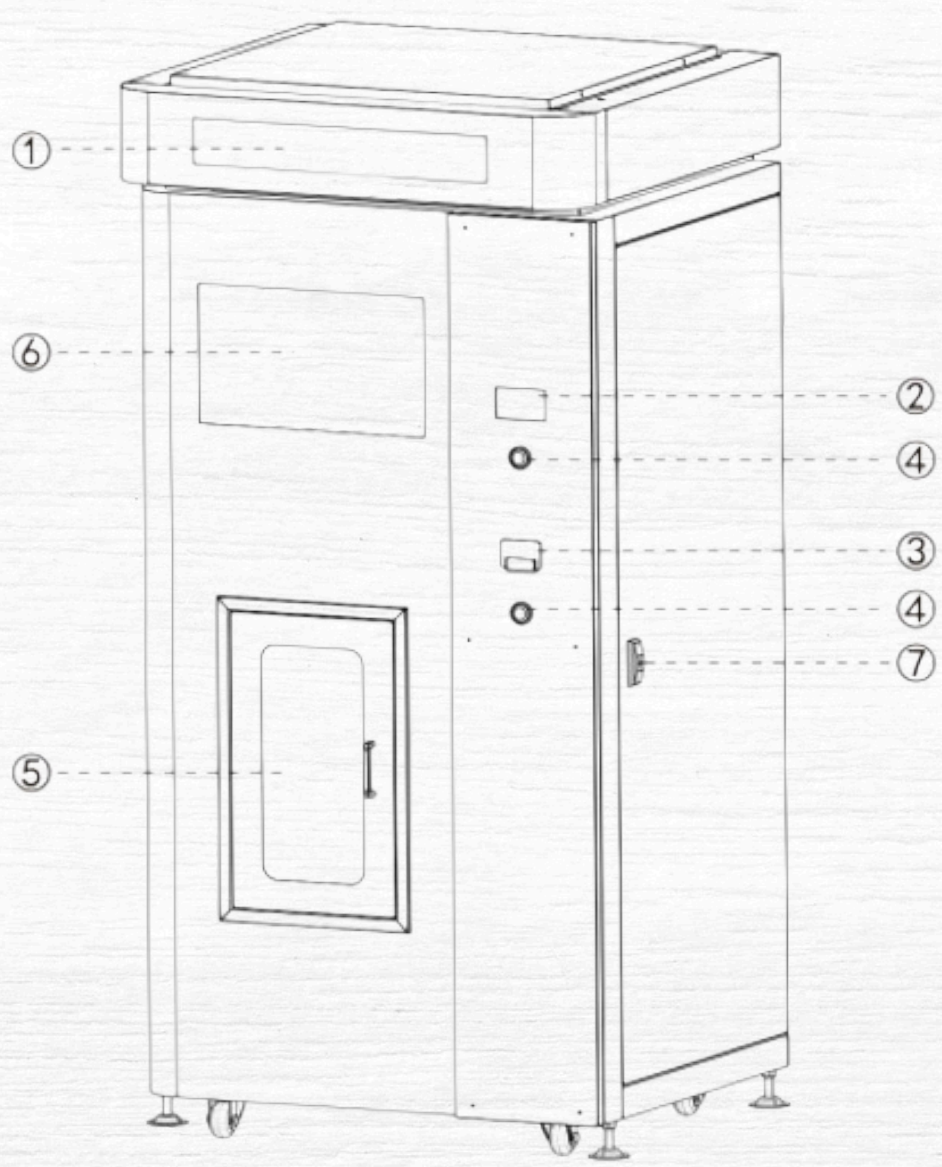
JEBBO SOLUTIONS

INSTRUCTION MANUAL

Please read the instructions carefully before use, and use in strict accordance with the instructions, please keep it properly for future reference



- catalogue.....1
- I Product introduction
 - 1.Product appearance diagram.....2
 - 2.Main function introduction.....3
 - 3. Assist to introduce.....4
- II Related technical parameters.....5
- III Water treatment process flow chart.....6
- IV Parts material is introduced.....7
- V Installation instructions
 - 1.Installation tool.....7
 - 2. Installation and Debugging.....8
 - 3 Filter installation and flushing method.....8
 - 4.Cleaning method of water tank.....9
 - 5.Single version one key filling and selling machine setting introduction..9
 - 6. User introduction.....11
 - 7. Networking module introduction.....11
- VI Fault code specification.....12
- VII Matters needing attention.....13
- VIII Product quality warranty coverage.....14
- IX Water purification products harmful substance....15
- restricted use identification table



- 1- Light box/dot screen 4- Press the key 7- T-lock
- 2- LCD display 5- Intake door
- 3- IC card swipe area 6- No digital screen

Note: This picture is a schematic diagram, please refer to the actual product

2. Main functions

Filter element	Function introduction
5umPP	Carry out coarse filtration of raw water to effectively remove solid impurities such as sediment, rust, suspended matter, and particulate matter in the raw water, filter accuracy 5um
cto	It has good adsorption effect and can effectively filter out foreign colors, odors and organic matter in water.
granular carbon	Further effectively filter out foreign colors, odors and organic matter in the water
1umPP	Further filter out various finer solid impurities in the water to protect the service life of the RO membrane, filter accuracy 1um
ro	Effectively reduce the heavy metal content of the total dissolved solid index of raw water, and the output purified water meets the requirements of direct drinking water, filter accuracy 0.0001um
arge T33	Further absorb odors and colors, improving the taste of pure water
small T33	
alkali composite mineralized	Added minerals for better taste, adjust the water pH to be slightly alkaline

3. Describes auxiliary functions

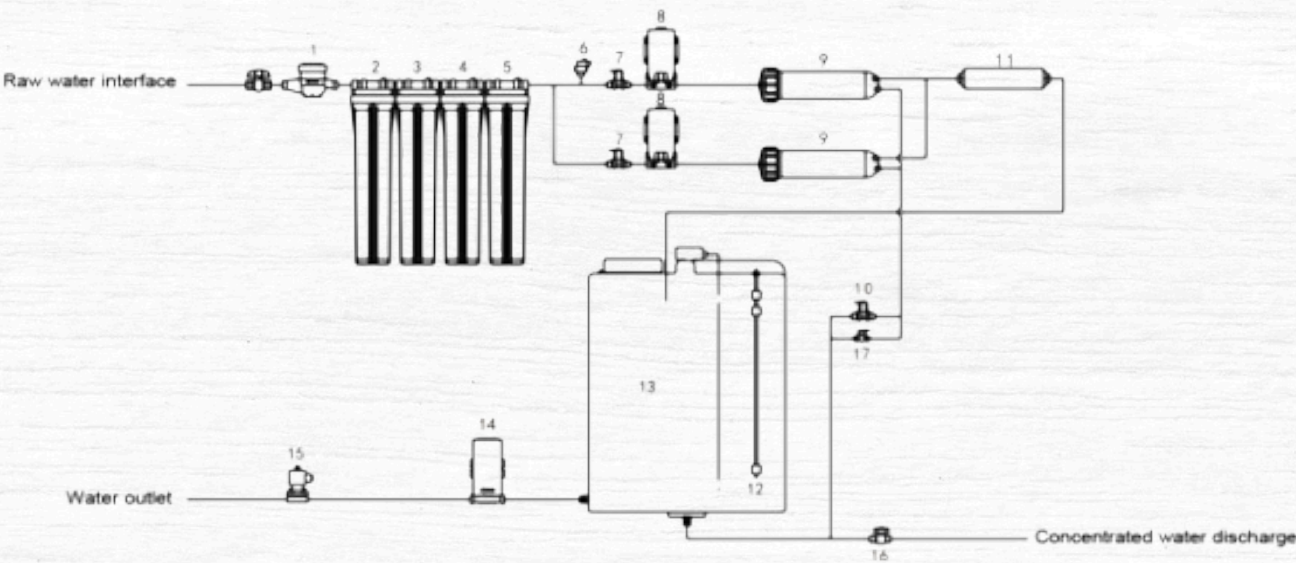
Rank	Function introduction
Control system	Control the water making process of the whole machine, including water shortage shutdown, water full shutdown automatic water making and selling water.
Booster pump	The raw water is pressurized to provide a normal working pressure environment for the reverse osmosis membrane
Low-voltage switch	When the raw water pressure is lower than 0.03Mpa or the water is cut off, the low pressure switch provides a signal to the control system to stop the machine from making water, prevent the booster pump from idling, and affect the service life of the booster pump
Water inlet solenoid valve	Turn on or turn off the function of raw water, when the water pressure is insufficient or the water is full, the water inlet waterway will be automatically cut off.
Waste-water ratio	Control the flow ratio of pure water and concentrated water when the selling machine is working.
Power adapter	Convert 220V AC to a safe operating voltage (24V DC) suitable for the use of machine components
Filling pump	It is used to increase the water supply pressure and control the water output based on the working time

II Relevant technical parameters.

Product name	Xili brand XL-RO400G type sales water machine			
Product model	XL-RO400G	XL-RO600G	XL-RO800G	XL-RO1200G
Rated voltage /frequency	220V/50Hz (customizable)			
Total rated power	228W	330W	345W	430W
Inlet pressure	0.1MPa-0.4MPa			
Working pressure	0.4MPa-0.7MPa			
Clean water flow	0.18m3/h	0.27m3/h	0.36m3/h	0.54m3/h
Rated total net water volume	100m3			
Ambient temperature	4°C-40°C			
Net/gross weight	180Kg/205Kg			
Product dimensions	1000mm×900mm×2065mm			
Applicable water range	Municipal tap water			
Executive standard number	Q/XL 002			
Health permit approval number	Wanwei Water Character (2019) No. 0679.			
Effluent quality	In line with the requirements of "Sanitary Safety and Functional Evaluation Code for Drinking Water quality processors - Reverse osmosis treatment devices" (2001)			

Note:Due to regional differences, customers in some regions may install tracing belts. The power of tracing belts installed by customers is as follows If more than 300W, be sure to increase the use of AC contactors.

III Water treatment process flow chart



- 1. Water meter
- 2 Polypropylene melt-blown filter (5 microns)
- 3. Granular activated carbon filter
- 4. Die-cast activated carbon filter element
- 5. Polypropylene melt-blown filter (1 micron)
- 6. Low voltage switch
- 7. Water inlet solenoid valve
- 8. Booster pump
- 9. Reverse osmosis membrane
- 10. Concentrated water valve
- 11. Rear granular activated carbon filter (B33)
- 12. Water level float switch
- 13. Water Tank
- 14. Filling pump
- 15. Filling solenoid valve
- 16. Ball Valve
- 17. Bypass valve

IV Accessories material introduction

Use time of main water treatment components and consumables

Serial number	Processing	Material specification	Recommended replacement time
1	Polypropylene melt-blown filter (5μm)	Specification :20 inches 5 microns	6-8 months
2	Granular activated carbon filter element	Size :20 inches	6-8 months
3	Compressed activated carbon filter	Size :20 inches	6-8 months
4	Polypropylene melt-blown filter (1μm)	Specification :20 "1 micron	6-8 months
5	Reverse osmosis membrane components	Flux:400G/600G/800G/1200G (according to the actual machine configuration)	12-15 months
6	large T33 / small T33	Size : 10 inches	12-15 months
7	alkali / composite /mineralized	Size : 11 inches	12-15 months

Note: The replacement cycle of each purification element in the table above is the recommended value, and the specific adjustment is made according to the use environment, water consumption and influent quality (RO film warranty period, dry film is 12 months, wet film is 6 months).

V Installation instructions

It is recommended that you find a professional to install for you after purchase. During the installation process, you may use a drill and other related professional power tools. If you install by yourself, please read the following installation steps in detail.

1. Install tools

Adjustable wrench (16mm/22mm)	1 pcs	Screwdriver (Cross, one word)	1 pcs each
Pipeline cutter	1 pcs	Needle nose pliers	1 pcs
Open end wrench (12mm/14mm)	1 pcs	Utility knife	1 pcs

2. Installation and commissioning

- 1 Ensure that all accessories and tools required for installation are complete.
- 2 Confirm the installation position of the machine and adjust the four adjustable feet of the machine to ensure that the machine is smoothly fixed on the level and solid ground.
- 3 Before installation, be sure to disconnect the water source and power supply, pay attention to safety.
- 4 When installing the water pipe, do not leak the pipe plug, lock plate, sealing ring, and ensure that the water pipe is inserted to the bottom of the joint to prevent water leakage.
The water inlet pipe and the joint should be in the same direction and ensure that 5 the water pipe has a diameter of 30-40cm to avoid pipe explosion due to pipe bending.
- 6 The external water of the machine can be insulated according to actual needs to avoid water pipe rupture caused by too low temperature, causing unnecessary losses.

Attention:

- ◆ The installation location should be selected in a place that does not affect the traffic and avoid the fire escape, and the external power supply must be grounded to ensure the safety of the machine!
- ◆ When selecting the installation position, ensure that there is 1 meter clearance on the left and right sides of the cabinet to facilitate the installation and maintenance of the machine.
- ◆ It is recommended to dig a drain sink at the bottom of the dispenser.
- ◆ Check the signal strength of the installation environment before installation. Do not install an environment with a signal strength less than -70dB

3. Filter element installation and flushing method

Before the first installation of the machine and the later replacement of the filter element, the new filter element should be washed, and the filter washing methods at all levels are as follows:

1- The first four stages of the machine filter element

Use the filter bottle wrench delivered with the machine to remove the first three filter bottles and install the first three filter elements according to the sequence of filter elements indicated in the water making schematic diagram of the product. Remove the water pipe after the fourth stage filter, connect it to the water storage container or sewer, open the raw water valve to wash the first three stage filter, until the water is clear, and then install the fourth stage filter, and connect the fourth stage filter outlet water pipe.

2 Reverse osmosis membrane washing

First remove the inlet and outlet water pipes of the membrane shell, use the membrane shell wrench delivered with the machine to remove the membrane shell cover, load the reverse osmosis membrane (pay attention to the installation direction of the filter element), connect the water inlet, connect the two water outlets of the membrane shell to the water storage container or sewer, open the raw water valve and power supply for about 10 minutes, and then install the original pipeline back (pay attention to the incorrect installation of the pipeline).

3 After the granular activated carbon filter is washed

Remove the water pipe from the water outlet of the rear granular activated carbon, connect it to the water storage container or sewer, open the raw water valve and power supply until the water is clear, and then connect the original water pipe.

Note: When replacing the filter element, please turn off the power and water first. After the replacement, check whether the pipes are properly sealed.

4. Water tank cleaning methods

After the machine is used for a period of time, the inside of the water tank should be cleaned, and during the cleaning of the water tank, pay attention to protecting the liquid level switch in the water tank. (You are advised to clean the water tank once a month.) Loosely twist the water pipe connecting the water inlet and outlet of the water tank, remove the water tank, scrub the inner wall of the water tank with a rag or a soft brush, and then pour the dirty water into the water tank, rinse the water tank, and install the water tank.

Note: During the above installation, please do not omit the sealing ring.

The power supply must be cut off before cleaning the device, and be careful not to use splashing water to clean the device.

Note: Please disconnect the power supply of the machine before performing the following operations!

5. Single version one key filling and selling machine setting introduction

1-1 Procedure For setting menu parameters: The following uses the local time-year as an example

- 1. after the device is powered on, long press the "Setting" key for more than 3 seconds, F-01 is displayed to enter the menu.
- 2. Click "Add" or "Subtract" to select the option to be set (F-01)
- 3. Click "Confirm" to enter the setting, and press "Add" or "subtract" to adjust the year.
- 4. After 2023 is set, press Confirm to exit the setting
- 5. Click the button "plus" or "minus" to continue to select the option to be set, (such as F-02)
- 6. After all Settings are complete, hold down the Settings key for more than 3 seconds to exit the menu.

Note: If the timing switch time is set to 0, this function is disabled

2-11 Stand-alone version control board setting code introduction

Parameter code	Parameter name	Set range	Default value	unit
F1	Set the local time-year	2023-2099	23	years
F2	Set local time - month	1-12	0	month
F3	Set local time-day	1-31	0	day
F4	Set local time-hour	0-23	0	When
F5	Set local time-minute	0-59	0	points
F6	Set the local time-second	0-59	0	seconds
F7	Timed power on	0:00-24:00	0	Hour: min
F8	Timed shutdown	0:00-24:00	0	Hour: min
F9	Light box opening time	0:00-24:00	18:00	Hour: min
F10	Light box off time	0:00-24:00	18:00	Hour: min
F11	Water time - seconds	0-999	60	seconds
F12	Ozone start-up time - seconds	>0	10	seconds
F13	Ozone start-up period - minutes	>0	180	points
F14	Temperature control starting temperature - degree	>0	2	The degree of
F15	Temperature controlTurns off temperature-degree	>0	6	The degree of
F16	Maximum time allowed to pause - seconds	>0	60	seconds
F17	Water full stop delay - second	>0	30	seconds
F18	Water delay-seconds	>0	180	seconds
F19	Power-on flush time - seconds	>0	10	seconds
F20	Full flush time-seconds	>0	5	seconds
F21	Water preparation one hour rinse time - seconds	>0	10	seconds
F22	Error recovery flush time - seconds	>0	10	seconds
F23	Water washing interval - minutes	>0	60	points

6. User introduction

- 1. registration: users pay attention to the business public number, click on member management - new user registration fill in personal information will be completed Member registration.
- 2. Bind membership card: Click Member Management - Membership Card management - Add membership card to add
- 3. Recharge: The user clicks the recharge key to enter the card number for online recharge
- 4. Consumption: Users can directly attach card consumption/no card consumption: membership card management page click on no card consumption
- 5, query: Click the query key to query consumption, recharge, balance query.

7. Networking module introduction

NAME		Module function	
D1	Module state	Off	The 4G module is not running
		On0.3S, off5.7S	No STM card detected
		On0.3S, off3.7S	The GSM card is not registered with the GSM network
		On0.3S, off0.7S	The GSM network is registered but the GPRS network is not attached
		On0.3S, off1.7S	The GPRS network is attached but the server is not connected
		On0.1S, off0.1S	The GPRS network is attached but the server is not connected
D2	Network state	Steady on: The device is connected to the network. Off: the device is not connected to the network	

VI Fault code specification

Alarm code	Machine state	solution
E001	Tank empty	Check whether there is water, after the water level reaches a low water level, it will show normal status
E002	Liquid level error	Water is always open, no water is always closed. Check the float signal and replace the water level float if damaged
E003	The SIM card status is incorrect	Detect the networking status of the device to check whether the card belongs to the same merchant as the motherboard
E004	Insufficient inlet pressure	If there is no inlet pressure, check whether the tap water pressure is up to standard
E005	High voltage error	Short or disconnect, check whether the wastewater and high pressure are blocked
E006	No SIM card detected	Check whether the 4G module of the SIM card is correctly installed
E007	Over the limit	Reset the single-day limit for cards and dispensers
E008	Failed to connect	To check whether the device is added in the background, scan the code to add the device
E009	Not registered to the network	Check if the SIM card is out of charge
CCCCCCCC	Calibrate	Calibrate the water price display status
E013	Calibration error	recalibration
E016	Card error	Card chip exception
E017	Insufficient balance	Please top up
E018	Report lost card	Cancel the report or replace the card with a new one
E023	Flowmeter no signal	Check flowmeter for damage
E024	Exceeded the maximum order quantity	The order data is automatically synchronized when the device is networked
E025	Fiash abnormal	Try to restart the device. Contact technical support

VII Matters needing attention

After the machine is installed for the first time, the filter element and pipe should be washed, and the washing time is about 30 minutes, during which the pure water produced can not be used for drinking. After the installation of the machine is completed, all power line joints of the machine should be checked first, and whether the waterway pipe joints are installed firmly to avoid leakage and water leakage, resulting in accidents.

When the machine is connected to the power supply, it is necessary to make the machine reliably grounded to avoid leakage accidents.

Please set the working time of the ozone generator according to the actual local water quality and the number of users.

Replace the filter element regularly to ensure that the water quality of the machine meets the requirements of drinking water hygiene and safety.

The product shall not be stored with toxic, corrosive, volatile or odorous items. Non-professionals or in the absence of professional guidance, please do not disassemble the machine without authorization to avoid unnecessary losses. When the ambient temperature is lower than -10 ° C, it is necessary to take heat preservation measures for the machine, or cut off the water source and drain the residual water in the machine pipe, filter bottle and water tank.

VIII Packing list

Goods name	Quantity of goods	Remark
Host machine	1	
Bottle wrench	1	
Shell wrench	1	
Instruction manual	1	
Filter element	1	
Filter bottle seal ring	2	

Note :This packing list does not include electrical wiring and water pipes

VIII Product quality warranty coverage

- 1, the company's product warranty period is one year, from the date of customer purchase, valid within Three years.
- 2, there are the following circumstances, does not belong to the company's free warranty scope: the user due to use, maintenance, storage of improper robot damage, failure.

It is not the company or the company's designated special maintenance personnel to dismantle the machine resulting in damage and failure.

There is no purchase certificate or the purchase certificate is inconsistent with the product model.

Exceed the warranty period of our products
Caused by irresistible reasons (such as logistics damage). Filter components for all our products.
Other matters not covered by the warranty.

The company provides long-term machine consumables and accessories
Provide technical support and training guidance

IX Water purification products harmful substances
restricted use identification table

Part name	Harmful substance					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Non-flame retardant plastic structural parts	O	O	O	O	O	O
Electric control panel group	x	O	O	O	O	O
Solenoid valve	O	O	O	O	O	O
cock	x	O	O	O	O	O
Filter element	O	O	O	O	O	O
Metal structural parts (shell, hanging plate)	x	O	O	O	O	O
Wading unit	O	O	O	O	O	O

Note:

This form is prepared in accordance with SJ/T 11364. The components in the detailed list are the main components of different models. Whether the components are included in this product depends on the actual product configuration.

O: indicates that the content of the hazardous substance in all homogeneous materials of the part is below the limit requirements specified in GB/T 26572.

indicates that the concentration of the hazardous substance in at least one homogeneous material of the part exceeds the limit requirements specified in GB/T 26572.

Some parts containing hazardous substances in the list and their homogeneous materials meet the strict requirements of EU ROHS for the use of hazardous substances, please rest assured.

Warm reminder: In order to protect the environment, this product or its parts are rejected. As a consumer, you have the responsibility to separate it from domestic waste, choose a qualified recycling site, and the recycling site will be classified, dismantled, recycled and reused in accordance with relevant national regulations.