



**J3363-ROS126H**  
**Multi-channel Water Purifier**

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## **Instruction Guide**

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# Contents

Precautions .....	01	Installation Steps .....	04
Product Introduction .....	02	Instructions for TDS Adjustments .....	05
Specifications .....	02	Declaration of Hazardous Substances ...	06
Electric Control Schematic Diagram .....	03	Repair Guide .....	06
Water Purification Process Flowchart ....	03	After-sales Service Record .....	07
Description of Control Program .....	04	Packing List .....	07

## Precautions

Due to the hydrophilic nature of the RO membrane and the moisturizing ingredients, it is suggested that the water faucet be opened every 2 hours after installation to drain the water for 5 minutes and repeat this operation for more than 10 times to fully ensure the taste and activate the performance of the membrane.

**Please be sure to follow the precautions below, which are important to avoid danger and injury.**

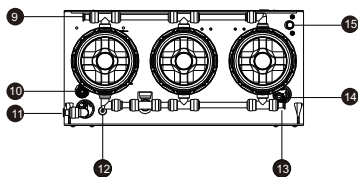
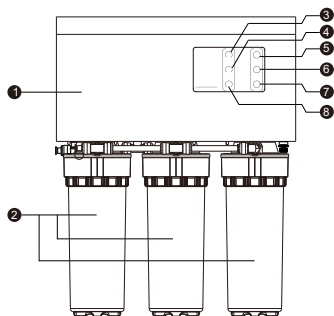
### Note

- ◆ Please read this manual carefully before using your purifier, and keep the manual properly for future reference;
- ◆ Please use this product at an ambient temperature of 4°C to 40°C, in a shady indoor location;
- ◆ Please disconnect the power plug if you will not use the purifier for a long time;
- ◆ The purifier should be placed vertically, but not upside down;
- ◆ Please install a reducing valve at the intake for water pressure above 0.4MPa;
- ◆ Please install a booster at the intake for water pressure below 0.1 MPa;
- ◆ After expiration, the filters need to be replaced by Angel's professional after-sales personnel before the purifier can be used normally;
- ◆ This device must be installed and commissioned by Angel after-sales service personnel. Before installation, please verify that the accompanying accessories in the packing box are sufficient and complete;
- ◆ If the machine comes with no pressure tank and it has not been used for 24 hours, please force flush the whole device and prepare fresh water again before use.
- ◆ If the machine comes with a pressure tank and it has not been used for 72 hours, please force flush the whole device and prepare fresh water again before use.

### Warning

- ◆ The water inlet temperature must not be higher than 38°C or lower than 5°C; otherwise, the reverse osmosis filter will be damaged;
- ◆ To avoid damage to your purifier, do not block the concentrated water outlet when the purifier is in operation;
- ◆ Concentrated water from the outlet is not drinkable but can be used for cleaning;
- ◆ This device uses an external power adapter. If the power adapter is damaged, to ensure safety, you must buy a new one from the manufacturer or its maintenance department for replacement;
- ◆ To ensure safety, please do not disassemble, repair or commission this device by yourself. In case of any abnormality, please contact after-sales service for maintenance;
- ◆ Damaged power cord must be replaced by professionals from the manufacturer, its maintenance department or similar departments to ensure safety.

# Product Introduction

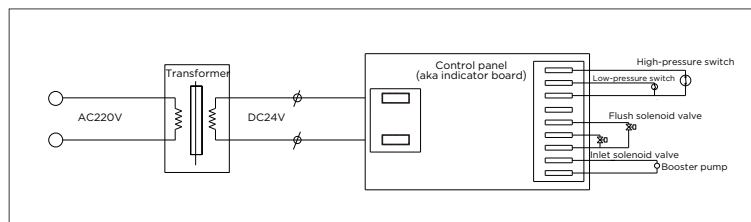


No.	Name	No.	Name	No.	Name
1	Cabinet	6	Flush button	11	Pure water outlet
2	Folding PP activated carbon rod composite filter assembly	7	Operation button	12	Power adapter interface
3	Water preparing indicator	8	Water shortage indicator	13	Purified water outlet
4	Full water indicator	9	Water inlet	14	Adjusted water outlet
5	Stop button	10	Drain outlet	15	Control valve

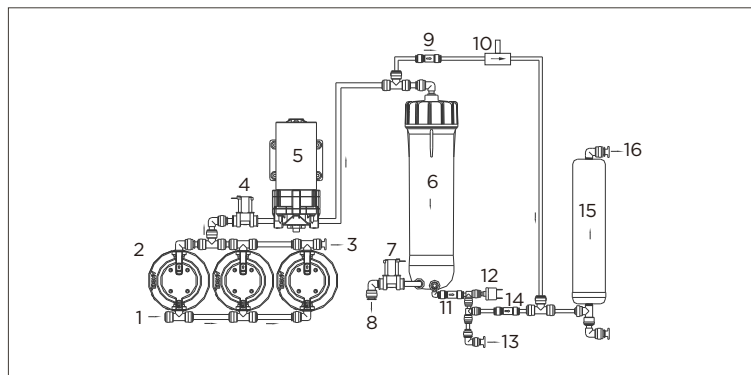
## Specifications

Product model	J3363-ROS126H
Suitable water source	Tap water
Suitable water temperature	5°C-38°C
Working temperature	4°C-40°C
Water inlet pressure	0.2 MPa-0.4 Mpa
Working pressure	0.5MPa-0.8MPa
Rated voltage	220V ~
Rated frequency	50Hz
Rated power	80W
Type of protection against electric shock	Class II
Purified water flow for pure water	0.55gal/min
Rated total water purification volume for pure water	2000gal
Purified water flow for purified water	0.78gal/min
Rated total water purification volume for purified water	2600gal
Purified water flow for adjusted water	0.55gal/min
Rated total water purification volume for adjusted water	2300gal
Purified water production rate	65%
Precautions	Clean and replace the filter regularly

## Electric Control Schematic Diagram



## Water Purification Process Flowchart



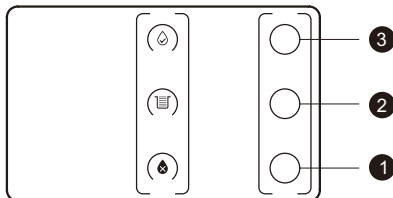
No.	Name	No.	Name
1	Water inlet	9	One-way valve
2	Folding PP activated carbon rod composite filter assembly	10	Control valve
3	Purified water outlet	11	One-way valve
4	Inlet solenoid valve	12	High-pressure switch
5	Booster pump	13	Pure water outlet
6	Spiral-wound RO membrane component	14	One-way valve
7	Waste water solenoid valve	15	Activated carbon filter
8	Drain outlet	16	Adjusted water outlet

Note: The above figure is a schematic diagram of the purification system for reference only. The actual device is subject to change.

# Description of Control Program

## I. Button descriptions

1. The Operation button can be used to switch the machine between normal running and standby. Press it to make the machine run normally, and press it again to make the machine enter the standby mode;
2. The Flush button can be used to flush the RO membrane in the machine manually. Press it to flush the RO membrane, and press it again to stop flushing;
3. The Stop button can be used to stop the machine.

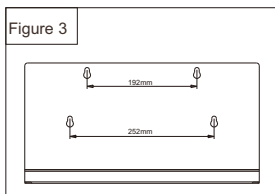
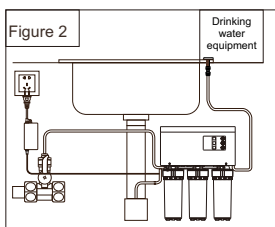
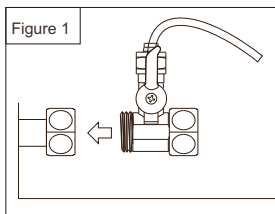


## II. Function descriptions

1. The memory function will be disabled after you press and hold the Operation button for 8 seconds, and the buzzer makes two beeps. The function will be enabled after press and hold the button for 8 seconds again, and the buzzer makes one beep.
2. The 6-hour-continuous-operation alarm function will be disabled after you press and hold the Flush button for 8 seconds, and the buzzer makes two beeps. The function will be enabled after press and hold the button for 8 seconds again, and the buzzer makes one beep.
3. After the machine works continuously for 6 hours, it will stop running and alarm automatically. The operation indicator will stay on in red and make beeps. The machine will resume normal operations only after you press the Operation or Flush button.
4. When the machine is in water shortage state and water suddenly flows in the source water pipe, the machine will resume normal operations after 1 minute.
5. When the machine is in water preparation state and an outage suddenly occurs at the source water pipe, the machine will give the water shortage alarm after 1 minute.

# Installation Steps

After purchasing this device, an appointment can be made with our professional personnel for installation and debugging. Before installation, please make sure that sufficient and complete accessories are included in the package.



## I. Install the three-way ball valve (see Figure 1)

1. Take out the three-way ball valve from the accessory box in the carton;
2. Close the water inlet valve and remove the connector (faucet or angle valve, etc.);
3. Connect the water inlet connector and three-way ball valve (note that the threaded connection should be sealed with padding materials, seal rings, etc.);
4. Close the three-way ball valve switch and reconnect the original water pipe;
5. Connect the PE pipe to the water outlet of the three-way ball valve, and reserve a certain length of the PE pipe;

## II. Connect the water lines and power supply (see Figure 2)

1. At the mounting position of the water purifier specified by the user, drill holes according to the hole positions shown in Figure 3, and then install and fix the water purifier (see Figure 3);
2. Connect the PE pipe from the three-way ball valve to the source water inlet of the water purifier, and the water pipe should be connected securely in place to avoid water leakage;
3. Connect the concentrated water drainage port of the water purifier to the place designated by the user with a PE pipe;  
Note: Do not install any valve on the concentrated water drainage pipe;
4. Connect the pure water outlet, purified water outlet and adjusted water outlet of the water purifier to the water inlet of the water purification equipment with the PE pipe, and reserve a certain length of the pipe;
5. Connect the power supply. First, connect the power adapter to the power interface of the water purifier, and then insert the power plug of the water purifier into the socket;

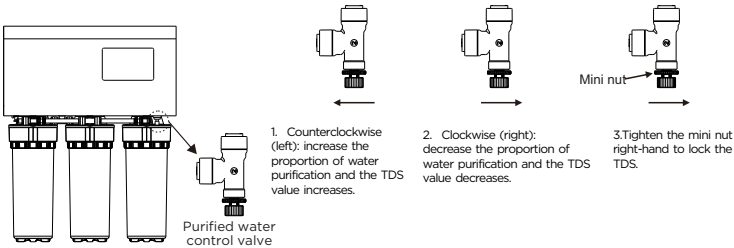
## III. Inspection and debugging

1. Turn on the water inlet ball valve and power supply to start the water purifier. It will start automatic flushing, and the concentrated water will be drained via the concentrated water pipe. After about 10 seconds, the flushing will be over and water production will start automatically. At this time, the purified water will pass through all filters and flow into the drinking water equipment directly, and the water purifier will stop working;
2. Stop the device for inspection: Stop the water purifier after the drinking water equipment is full of purified water, and the concentrated water pipe will stop draining;
3. Pipeline inspection: During the trial operation, check the parts, components, and connections for leak and looseness;
4. Cleaning up: Arrange and fix the incoming and outgoing water pipes and concentrated water pipes, and clean up the site;
5. Flushing: It is suggested that the drinking water equipment be opened every 2 hours after installation to drain the water for 20 minutes and repeat this operation for more than 7 times to fully ensure the taste of pure water and activate the performance of the membrane.

# Instructions for TDS Adjustments

## I. TDS Adjustment

1. Connect the water inlet, drainage, and pure water pipes as required. Do not connect the pure water outlet pipe to the user's potable water pipeline. Close the pressure tank ball valve and purified water port ball valve.
2. Turn on the water source and check the connections for water leakage.
3. Connect the power adapter of the purifier, it starts to prepare water, and rinse the RO film and the rear carbon filter according to the instructions first.
4. Test the purified water TDS. After the value is stable, start adjusting the TDS adjustment needle valve to make the TDS to 70-90.
5. Instructions for needle valve of TDS adjustment are as follows:

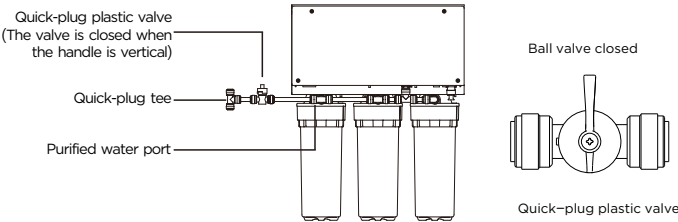


6. After the TDS-adjusted water comes out stably, turn off the inlet water source and the power supply of the purifier. When there is no water coming out of the pure water pipeline, connect it to the user's potable water pipeline, and open the pressure tank ball valve.
7. Open the inlet water source and power supply again to check whether the purifier is running normally. After the purifier is full of water and stopped, check again whether the TDS of purified water is in the range of 70-90.
8. If the TDS is beyond the range of 70-90, repeat step 5 to fine-tune the pure water TDS until it meets the requirements.

## I. Bypass purified water port

As the bypass pipeline of the purified water port is a temporary water supply network, make sure the ball valve is closed during normal operation of the purifier. When the purifier fails, to ensure the water demand of the store operation, open the bypass ball valve to meet the temporary water supply demand. The specific connection and operation are as follows:

1. Connect the water pipes:



2. Connect the ball valve in the accessories Kit to the purified water port on the filter cartridge at the back of the purifier through the PE pipe, and then connect to the water inlet of the pressure tank with a quick-plug tee. After connecting the pipeline, close the ball valve.

# Repair Guide

Fault	Cause analysis	Troubleshooting
Water Purifier Not preparing water	Inlet valve is not open Composite filter blockage RO membrane blockage The power supply is not connected Control board failure	Open the water inlet valve Contact after-sales service personnel for repair Contact after-sales service personnel to replace the filter in time Connect the power supply or contact after-sales service personnel for repair Contact after-sales service personnel for maintenance
Water leaks at the connection	Damaged connector seal ring Damaged filter cartridge seal ring	Turn off the water source and contact after-sales service personnel for repair
Purified water has an unpleasant taste or smell	Post-activated carbon filter fails The water purifier has not been used for a long time The water purifier was not flushed as required when it was installed	Contact after-sales service personnel to replace the filter in time Drain the water with unpleasant taste or smell and re-prepare water Re-flush as required
Concentrated water pipe does not drain	Inlet valve is not open Filter blockage Flush solenoid valve blockage	Open the water inlet valve Contact after-sales service personnel to replace the filter in time Contact after-sales service personnel for maintenance
Concentrated water pipe keeps draining	Damaged one-way valve Damaged inlet solenoid valve	Close the inlet valve and contact after-sales service personnel for repair
Water purifier cannot be stopped	Severe RO membrane blockage Fatigue damage of high-pressure switch Damaged inlet solenoid valve	Contact after-sales service personnel to replace the filter in time Contact after-sales service personnel to replace the part in time Contact after-sales service personnel to replace the part in time
Water purifier starts frequently	The Check Valve Is Installed Inversely, Missing Or Damaged	contact after-sales service personnel for repair
Loud noise	Water pressure is lower than 0.1MPa Resonance between the main body and its surroundings Internal water pipe interference Composite filter blockage	Increase water inlet pressure Use EPE foam to reduce vibration Adjust internal pipeline Contact after-sales service personnel to replace the filter in time

## After-sales Service Record

Service date	Cause of service	Service description	Service personnel signature	User signature	Remarks

## Packing List

Name		Unit	Quantity
Multi-channel Water Purifier		set	1
Spiral-wound RO membrane component		pc	1
Activated carbon filter		pc	1
Accessory box of filter cartridge	Filter cartridge	pc	3
	Folding PP activated carbon rod composite filters	pc	3
Parts box	PE pipe	pc	1
	Seal rings	pc	6
	Membrane shell wrench	piece	1
	Filter cartridge wrench	piece	1
	Power adapter	pc	1
	Metal valve	pc	1
	Quick-plug elbow	pc	1
	Instruction Guide	copy	1
	Quick-plug tee	pc	1
	Quick-plug plastic valve	pc	1