AUTOAQUA

Smart ASOV

Manual

Model

SASO-200V

List of Parts (Can Be Purchased Separately)

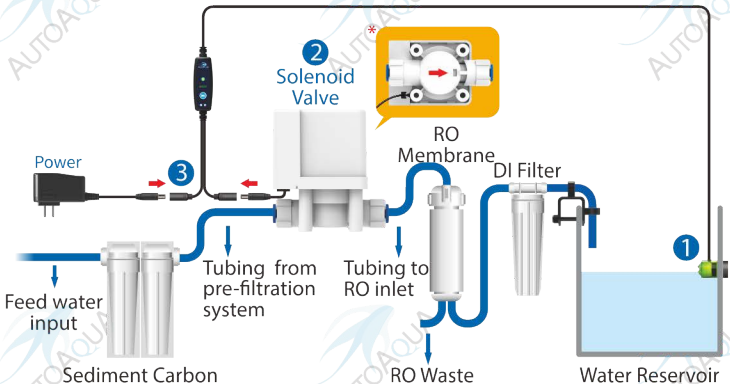| Item	Picture	Description
Smart ASOV Controller		1. Controller with Dual Sensors 2. Max. Mounting Thickness : 1/2 inch (12.7 mm) 3. P-Power Supply Connection S-RO Solenoid Valve Connection
Universal Power Adapter		Input : 100-240 VAC 50-60 Hz Output : DC 12 V / 1 A
RO Solenoid Valve		For use with RO/DI Systems and 1/4-inch RO Tubing
RO Tubing Holder		1. For use with 1/4-inch RO tubing 2. Max. Mounting Thickness : 1.2 inches (30.5 mm)

⚠ Caution : Risk of Injury from Strong Magnets

Installation

1. Mount the dual sensors at the normal water level (with the water level reaching the lower one) on the reservoir with the magnet.
2. Connect RO solenoid valve with the RO tubing and the tubing holder according to the installation diagrams below.
3. Plug the RO solenoid valve in the "S" jack of the controller, and the power supply in the "P" jack. Next, plug in the universal power adapter.
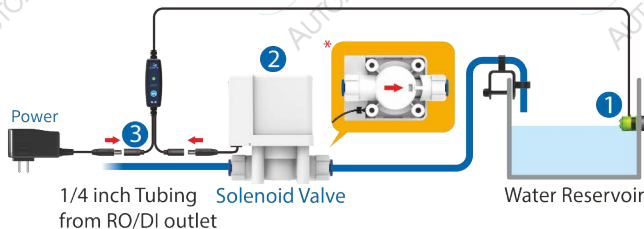
a. RO/DI System without Auto Shut Off
   Cut the tubing between the carbon block filter and the RO membrane, and then connect the tubing to the solenoid valve (* pay close attention to the directional waterflow arrow on the solenoid valve).

Note : Filtered water is required to prevent sediments from clogging the solenoid valve. Do not install the solenoid valve before your filtration system.

b. RO/DI System with Auto Shut Off
   Connect the solenoid valve at the RO/DI output (*pay close attention to the directional waterflow arrow on the solenoid valve).

Power

③ 1/4 inch Tubing from RO/DI outlet   Solenoid Valve   Water Reservoir

Specifications

1. Power Input : 100-240 VAC 50-60 Hz
2. RO Solenoid Valve :
   • Power : 6 W @ 12 VDC
   • Pressure : 0.02-0.7 MPA
   • Cable Length : 120 cm (4 ft)
   • Connector : DC 5.5 x 2.5 mm Male
   • 1/4 inch RO Tubing Connection
3. Max. Mounting Thickness :
   • Sensor : 1/2 inch (12.7 mm)
   • RO Tubing Holder : 1.2 inches (30.5 mm)

Notice

1. Please read the manual before the installation. Keep the power adapter dry and avoid any contact with water to prevent any malfunction.
2. Please avoid setting up the sensor in an area with micro bubbles or direct lighting.

Operation

1. When Smart ASOV is powered up, the LED Indicator will flash 3 times with 3 beeps.
2. Smart ASOV will perform a one-time filling automatically after every power-up. If it detects water when powered up, it will turn to standby mode, and you can press ⏭ to start a one-time filling.
3. After Smart ASOV completes filling, the LED indicator will flash with 5 long beeps and then turn solid. The Smart ASOV will then enter standby mode.

Action	LED Indicator	System Action
Push ⏭ during standby mode	Flashing	One-time filling.
Push ⏭ during filling	Flashing every 3 sec.	Filling pauses.
Push ⏭ during pause	Flashing	Filling resumes.
Push ⏭ for 3 sec. during standby mode	Off	Switches to sleep mode.
Push ⏭ during sleep mode	Solid	Switches to standby mode.

Limited Warranty

1. Limited warranty is provided by AUTOAQUA only if your AUTOAQUA Product ("Product") was purchased from an authorized distributor or an authorized reseller.
2. All warranty repairs or replacement are performed by the authorized distributor or authorized reseller in the region where the Product was first shipped by AUTOAQUA.
3. The limited warranty is valid for a period of 1 year under proper installation and normal use from the date of the original purchase listed on the proof of purchase or sales receipt.
4. In the event of a limited warranty claim, proof of purchase or sales receipt (issued to the original purchaser) is required.

Purchase Date	Warranty Period
(Y/M/D)	One year from the purchase date

Place of Purchase	Service
	AUTOAQUA Technologies Co., Ltd. 7F-7.,NO.229,Fuxing 2nd Rd.,Zhubei City, Hsinchu County,Taiwan E-mail : service@autoaqua.com.tw www.autoaqua.com.tw
(Store name, phone, email, address)	* Please go to AUTOAQUA website to get the distributor information.