

SPOTBYE

DEIONIZED WATER SYSTEM

Owner's Manual



Thank you for your choosing SPOTBYE Water System for your deionized water needs. This manual will help you get set up and begin using your product right away. Inspect SPOTBYE unit and all components. Read warnings and operating instructions.

1. SYSTEM OVERVIEW

By employing the ion exchange principle, we are able to produce deionized water through the deionization process. This innovative method removes the minerals that cause unsightly spots in the water, resulting in a pristine final product. When used as intended, this system will produce low total dissolved solids or TDS (less than 20 ppm) deionized water for spotless cleaning.

1.1. PRODUCT STRUCTURE

SPOTBYE series deionized water system extracts all solids from your water to produce Laboratory grade water which leaves a spot free rinse every time. Whether it's for Home using, window cleaning, solar panel washing, mobile car detailing, boat cleaning, or any number of professions that require deionized water, this deionized water system allows you to make deionized water anywhere at a fraction of the cost.

1.2. PRODUCT FEATURES

- ✓ Easy 5 minute setup.
- ✓ Standard Garden Hose Hookup/No Electricity Required.
- ✓ Instant DI Water for your mobile washing business or at home use.
- ✓ No scratches on your vehicle from hand drying with towels or chamois.
- ✓ No More Waterspots: Our System, water de-ionizing system takes out all of the minerals in your water so you can just wash, rinse and let your vehicle "Air Dry".

1.3. APPLICATIONS

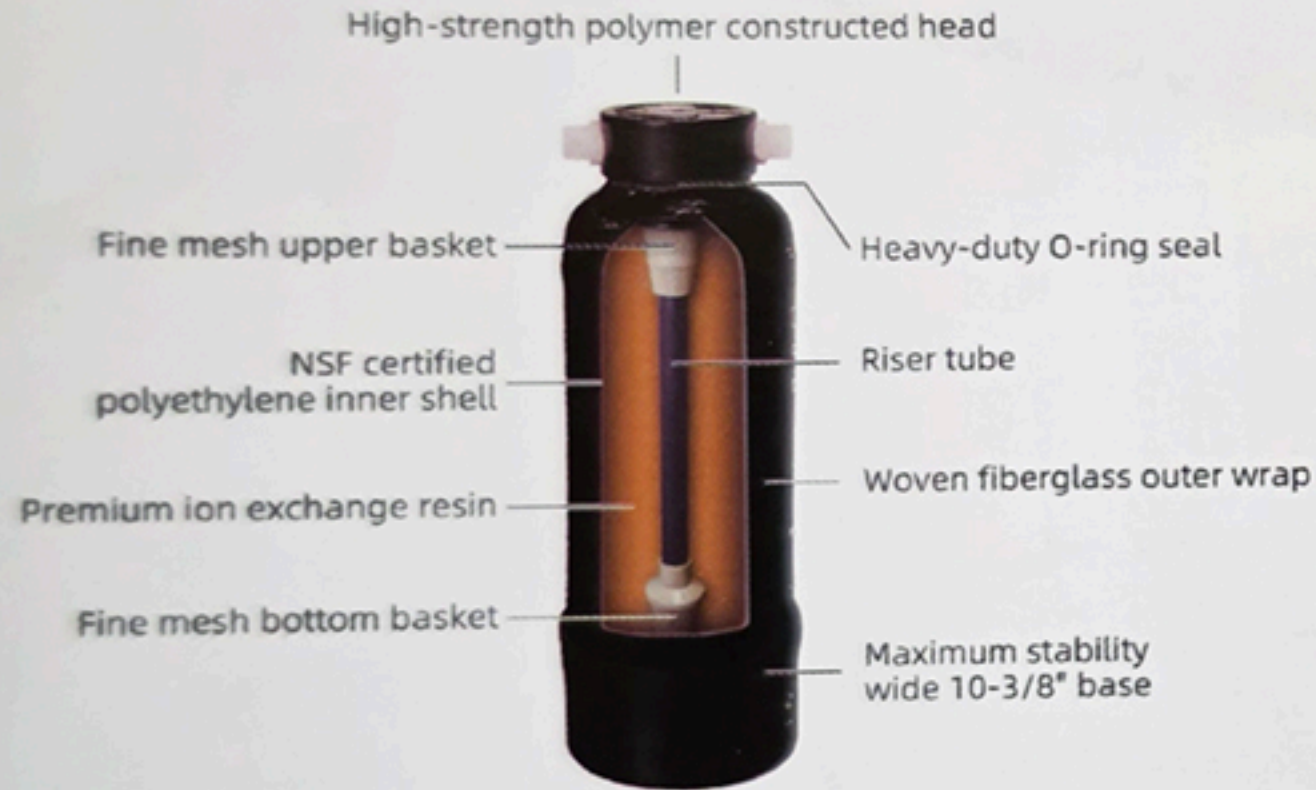
- ✓ This product is versatile, easy to use.
- ✓ Can be used for automobile, motorcycle cleaning and brushing.
- ✓ Can be used for gardening, cleaning and window glass and billboards all need cleaning items.

BASIC DATE

MODEL	Tank Mini	Tank Middle	Tank Large	HBD20	Cart HBD20
Function	Spotless deionized Water				
Body Size	18x18x39 cm	24x24x48 cm	21x21x105 cm	35x20x58 cm	40x25x90 cm
Carton Size (as packed)	27x27x42 cm	26x40x50 cm	22x22x105cm+ 28x34x40cm (Two Carton)	41.5x41.5x53.5 cm	61x27x83 cm
Operating Temperature	40°F~100°F(4°C~40°C)				
Total Gross Weight (as packed)	6.3 kg	11.3 kg	24.5 kg	17.8 kg	21.5 kg
Capacity	50 ppm	680 Gallons	3400 Gallons	1250 Gallons	1250 Gallons
	100 ppm	340 Gallons	1250 Gallons	630 Gallons	630 Gallons
	200 ppm	150 Gallons	750 Gallons	320 Gallons	320 Gallons
	300 ppm	115 Gallons	575 Gallons	220 Gallons	220 Gallons
	500 ppm	68 Gallons	136 Gallons	340 Gallons	140 Gallons
Recommended Flow Rate	≤ 1.2 GPM		≤ 2.5 GPM		

Note: When used as intended, this system will produce low total dissolved solids or TDS (less than 20 ppm) deionized water

STRUCTURE



2. SAFETY INFORMATION

2.1 GENERAL WARNINGS

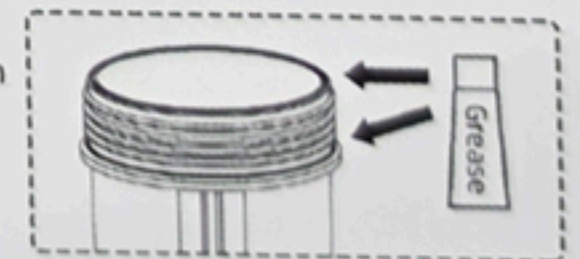
- Before first use or after prolonged periods of non-use it is recommended that the system be flushed thoroughly. Let water run for 1-2 minutes before using.
- The system is only to be used with cold water.
- The system usage must comply with all state and local laws.
- Testing was performed under standard laboratory conditions, actual performance may vary.
- Never direct water towards eyes or face.
- Keep out of reach of children and pets. Do not allow product to be used as a toy. Close supervision is necessary when any appliance is used by or near children.
- To prevent electrical shock, do not use near any sources of electricity, including electric and power lines.
- Do not use on electrical equipment or appliances.
- After unpacking the product, be sure to carefully dispose of any plastic bags to avoid injury.
- Drain the water from the unit after each use.
- Do not allow unit or resin to freeze.
- Ensure work area has sufficient water drainage.
- Turn off water supply when not in use.

2.2 INTENDED USE

This product is designed for personal use only. Always ensure that the product is properly assembled, regularly maintained and used only as intended. This product is meant to be used outside and stored at a temperature between 40°F ~ 100°F. Use this device only for water treatment to reach an optimal water quality for spot-free cleaning. Any other use, especially water treatment for food production (e.g., beverages) or drinking water consumption is prohibited.

2.3 IMPORTANT NOTES FOR CART HBD20

- Please keep flow < 2.5GPM
- DO NOT allow water > 100°F to through this system
- If there is water leakage at the connection of the filter housing, silicone grease can solve this problem, just apply it to the O-rings.

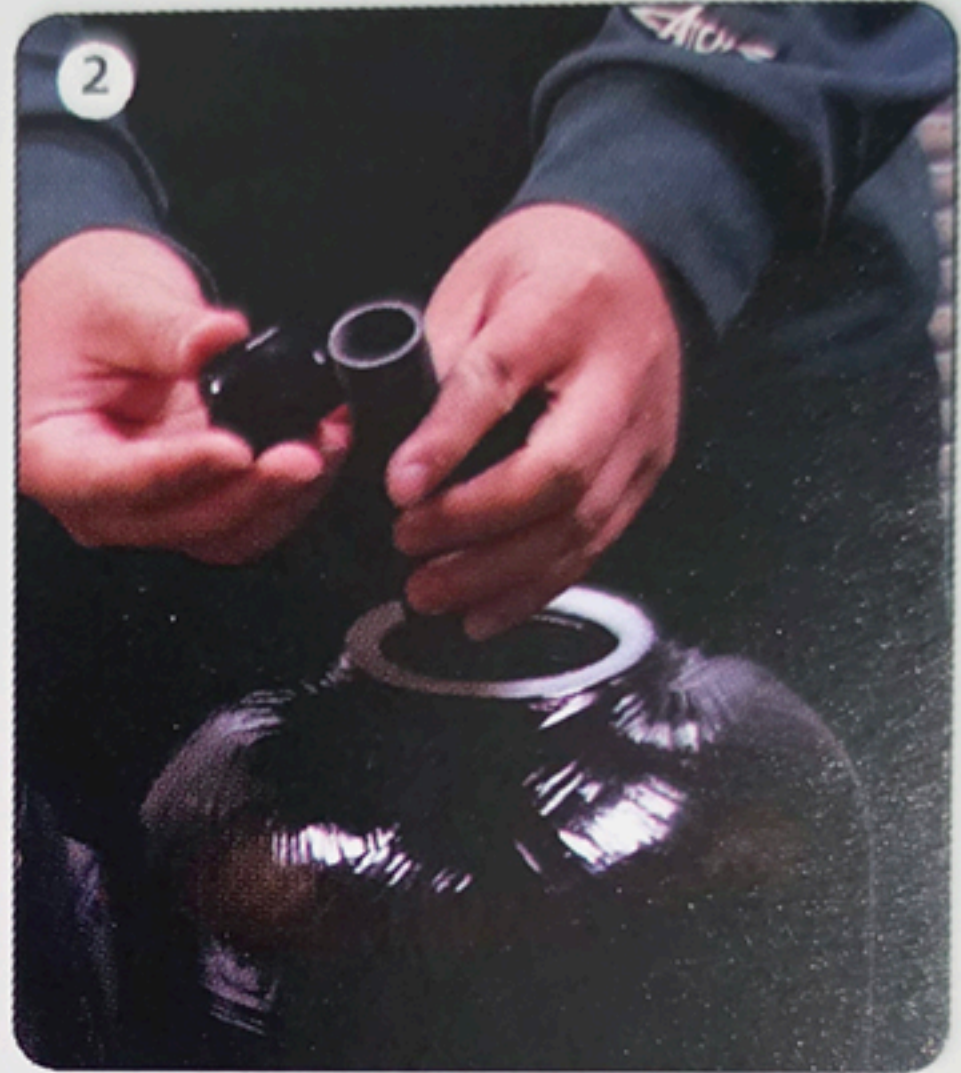


3. INSTALLATION AND STARTUP

3.1 STEPS OF FILLING RESIN FOR TANK MINI/MIDDLE/LARGE



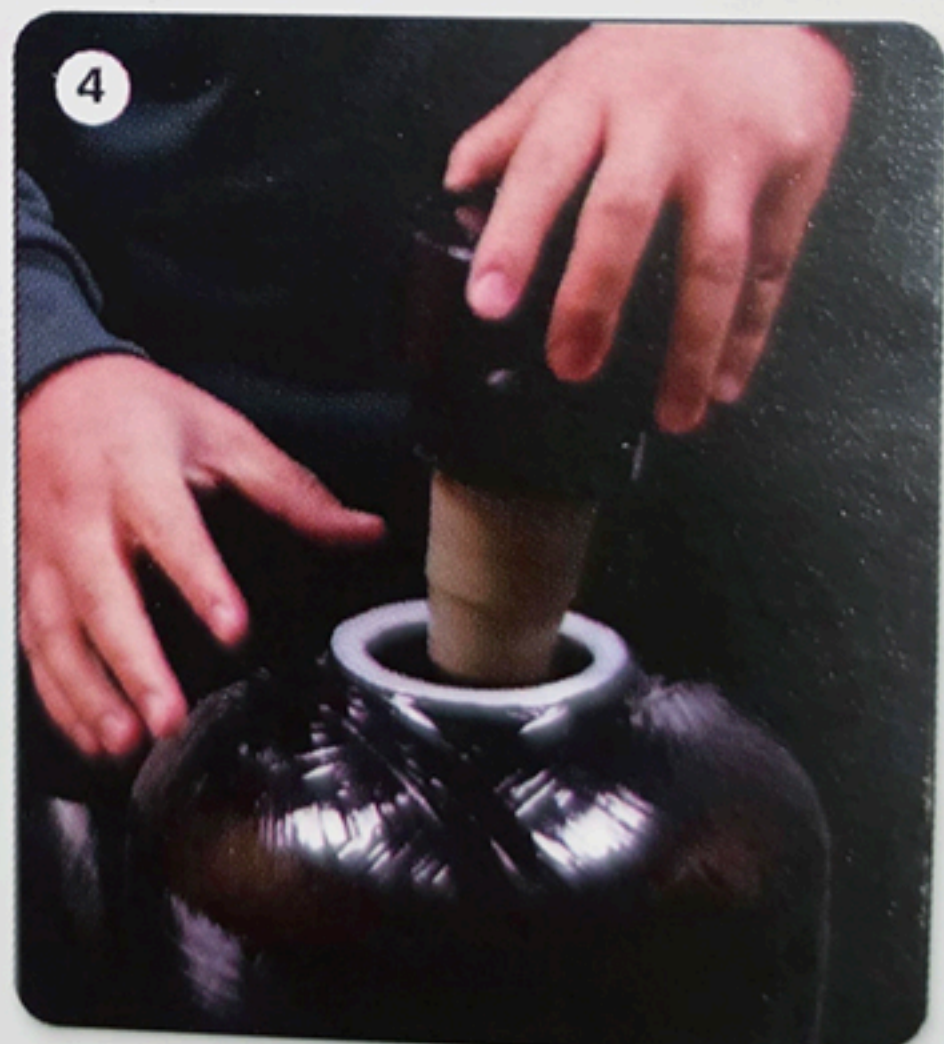
Pulling out the riser tube



Be sure to connect plastic cap with riser tube, and put it in the tank center.

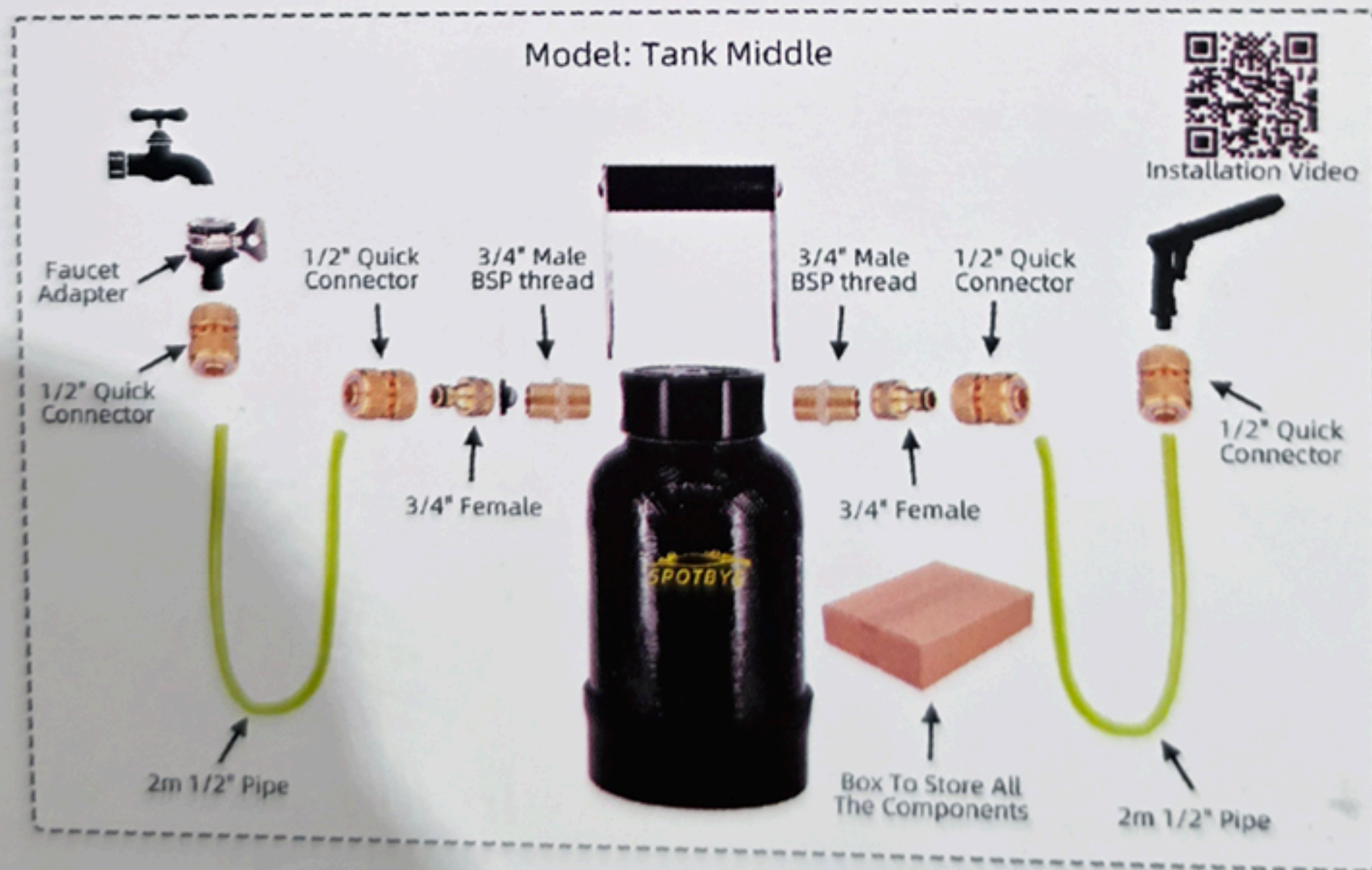


Fill the resin, after finishing, remove the cap



Insert the center tube firmly into the constructed head and install it.

3.2 INSTALLATION ACCESSORIES



Note: Above is the connection schematic diagram, "Faucet connector pack" and "Spray gun pack" need to be ordered separately. please contact Filter Future team.

5. CARTRIDGE/RESIN REPLACEMENT

SPOTBYE series deionized filter cartridges and resin are replaceable, if you need to replace it, please consult the supplier.

Please be sure to replace it with the water supply Shut off

- Remove the filter housing and take out the cartridge.
- Insert the replacement cartridge and install the filter housing.

6. STORAGE

- The system should be stored in a dry place at a temperature between 40°F~100°F.
- Do not allow product to freeze or damage might occur.
- Storing the product in an upright position is recommended.

7. FAQ

Q: Can I run heated water through the Spotbye deionized water system

A: The Spotbye system has a max temperature of 100 degrees fahrenheit.

Q: Should I use Spotbye deionized water for the whole process of car washing

A: It is recommended to use in the final rinse

Q: What value of PPM will leave my vehicle with a spot free rinse ?

A: We have provided these ranges over the years:

Excellent level: less than 15 ppm.

Satisfactory range: Greater than 15 ppm but less than 50 ppm.

(Depends on coloration of vehicle, degree of stainless and one's individual acceptance level).

Q: What do I do with the used resin once I refill the tank ?

A: The resin is non-hazardous and can be disposed through normal waste disposal processes. Always dispose in accordance with federal, state and local regulations.

Q: Does the Spotbye deionized water safe to drink ?

A: We do not recommend to drink it.



Email: marketing@filter-future.com
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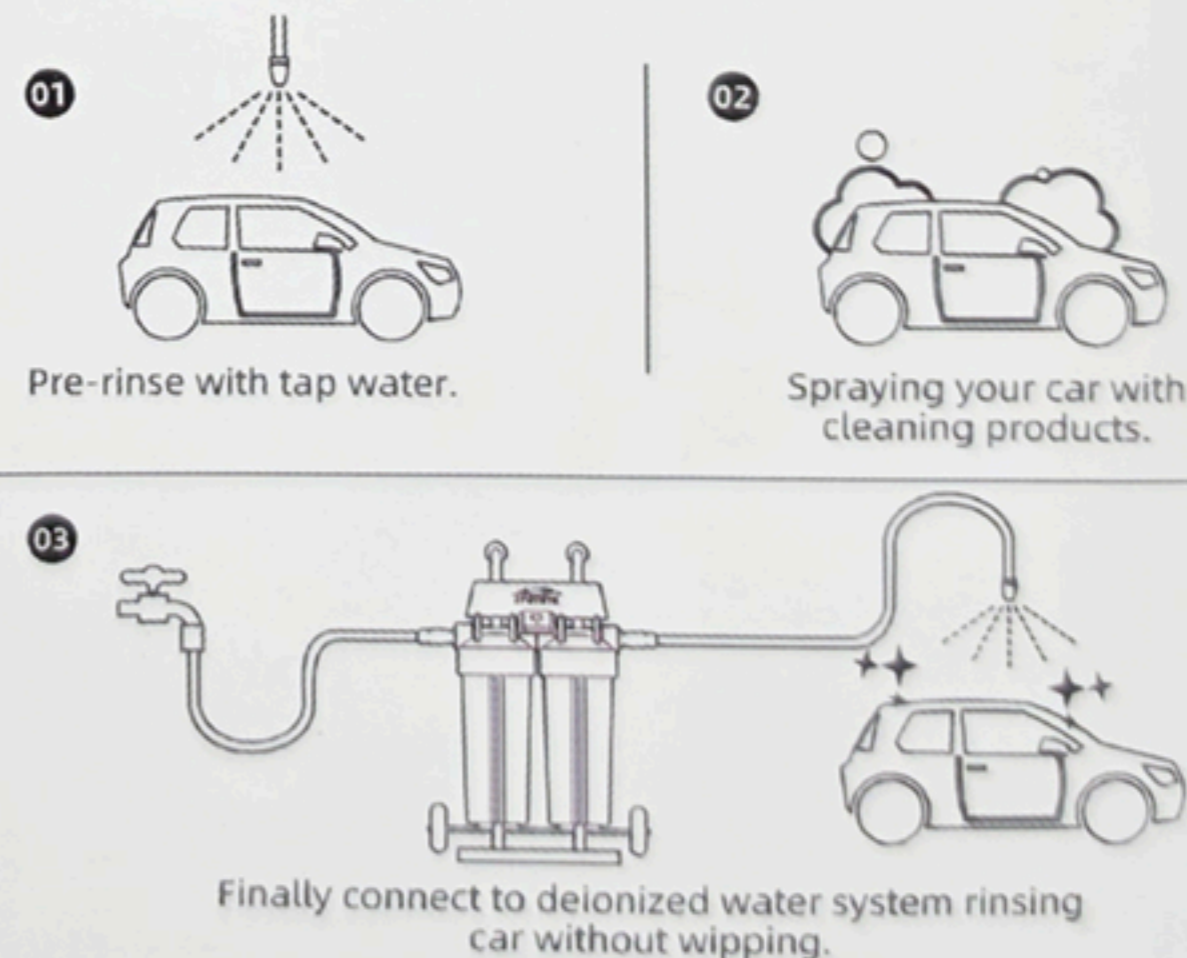
! For use with municipally treated water only. Do not use with water that is microbiologically unsafe or of unknown water quality without adequate disinfection before or after the system.

3.7 STARTUP

1. Locate water supply.
2. Choose a stable location where product is securely on the ground to minimize toppling.
3. Connect one end of the water pipe to the "IN" side of the system and other end to your water supply.
4. Connect your water pipe and spray gun to the "OUT" side of the system.
5. Slowly turn on the water supply, and press the "ON/OFF" button on the TDS meter to turn it on. Water must be flowing for accurate TDS meter reading.

4. USE AND OPERATION

We recommend testing the TDS of water supply, in order to determine approximately how many times you can rinse your car before replacing the resin filter.



AFTER EACH USE

1. Shut off tap water supply.
2. Disconnect hoses from both ends of the unit.
3. Drain water from the unit by tilting the top of the unit forward and allowing water to drain.