



# INSTALLATION MANUAL

## Reverse Osmosis (RO) Storage Tanks

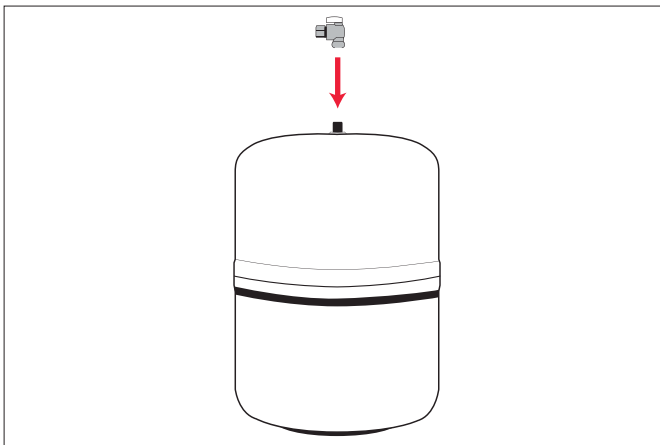
### CAUTIONS

- ⚠ **CAUTION:** Test system for leaks, before allowing the tank to be filled.
- ⚠ **CAUTION:** Do not use or drink the first tank of RO water.
- ⚠ **CAUTION:** If not used for a period of 1 month or more RO water storage tank should be emptied.

### 1. Installation

**Note:** actual installation requirements and instructions might vary depending on the RO system that the tank is installed with. Some RO companies may have special connections / configurations for their systems.

Fig. 1



- Wrap stainless steel thread connection on top of storage tank with Teflon tape.
- Hand-tighten the tank ball valve to the stainless steel connection as shown in Fig. 1.
- Place tank in vertical position in the cabinet.
- Cut RO tubing to required length and insert one end of tube into 1/4" compression fitting of ball valve, gently tugging to ensure it is in place. See Fig. 2.
- Connect other end of tube to the fitting attached to inlet of post-carbon polishing filter. See Fig. 3.

Fig. 2

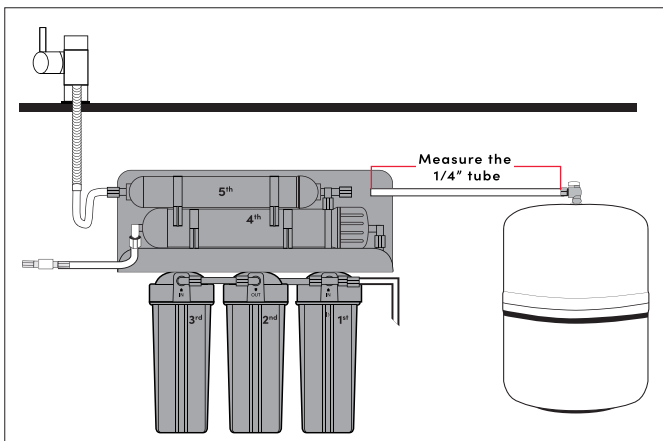
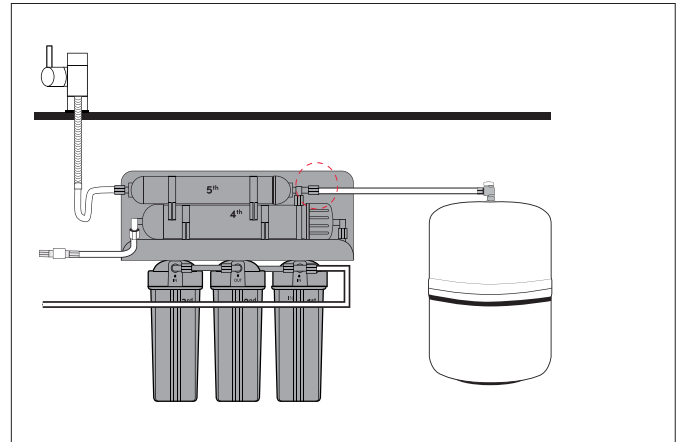


Fig. 3



### 2. Troubleshooting

Although the storage tank is full (heavy), no water comes from the RO faucet.

- Possible Cause: The air pre-charge of the RO water storage tank is too low or completely gone.
- Possible Solution: Empty the tank and recharge it to 6-7psi / 0.4bar through the air valve using a suitable air pump / compressor and pressure gauge.

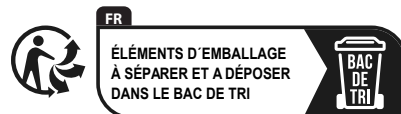
### 3. Maintenance

Perform external checks for damage such as corrosion every 5 years and replace the tank if needed. The maintenance intervals must be defined by the operator based on the operating conditions and local and state requirements.

Pre-charge can be checked by disconnecting the tank from the system and completely draining all water inside the tank to avoid water pressure affecting pre-charge readings. Using a suitable air pressure gauge, check the pre-charge / air pressure of the tank. Release or add air as necessary to adjust to the required pre-charge pressure. Replace the protective air valve cap.

### 4. Disposal

Check with local authorities for proper disposal and recycling. Do not dispose of the manual - keep it for further reference.



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