



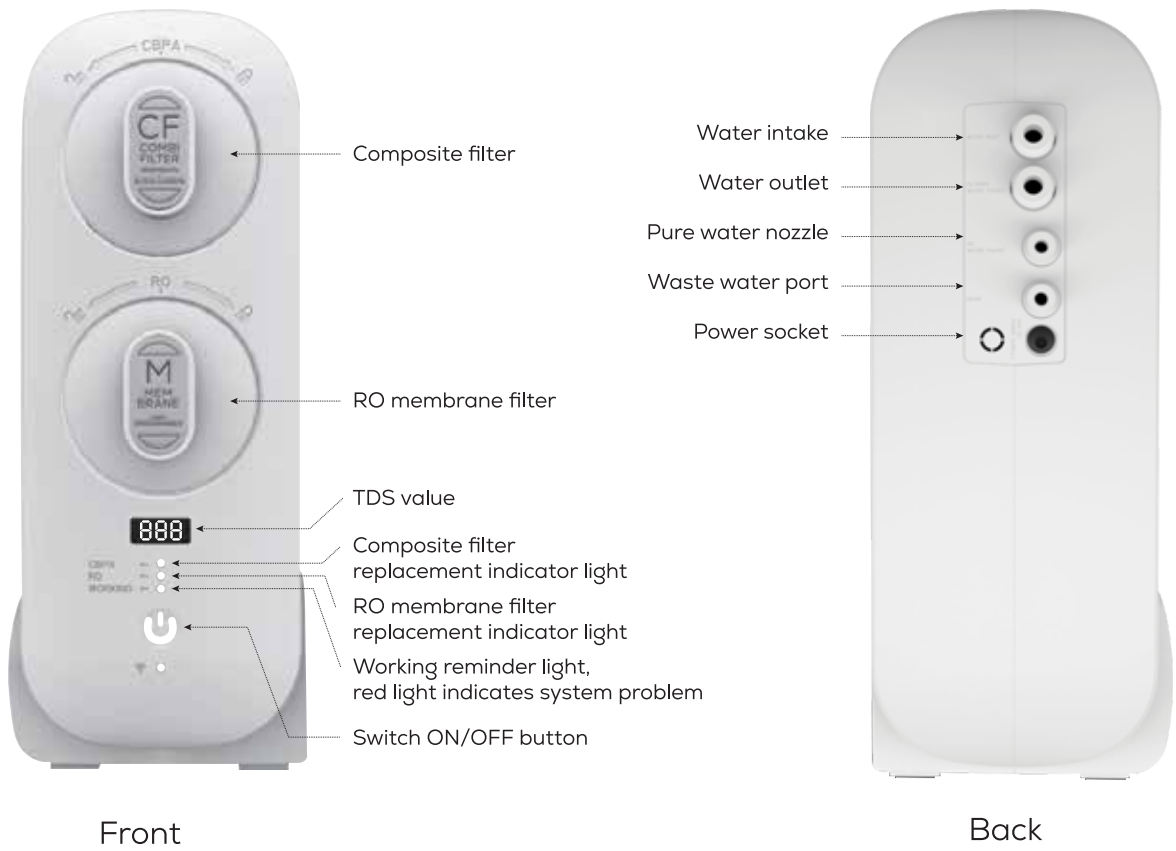
# ATI-A9-600RO USER MANUAL

Please read this instruction manual carefully before using the product and store it away safely

\*\* Please visit our website to read our Terms & Conditions

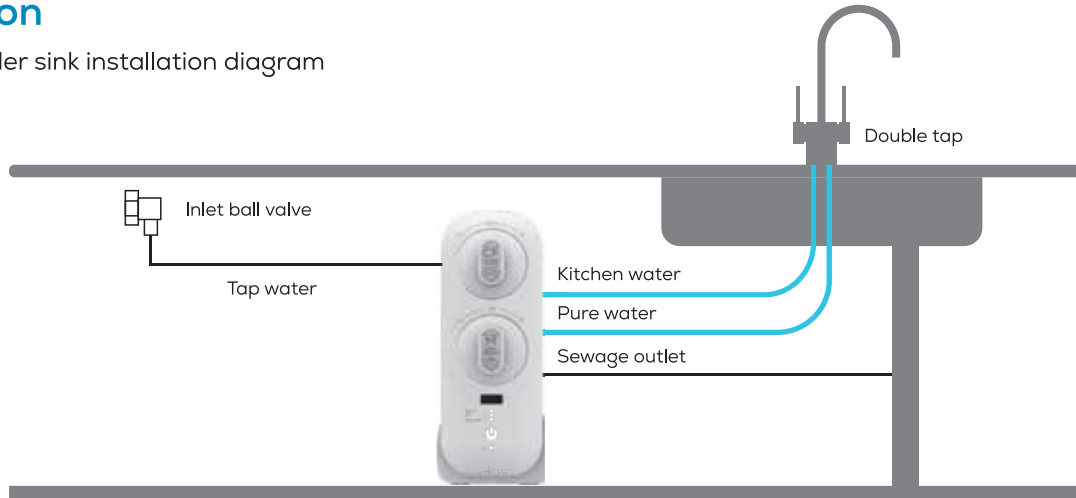
\*\* WARRANTY DOES NOT COVER normal wear and tear, misuse, improper care, mishandling or any abnormal use

# Product information



# Installation

Waterway under sink installation diagram



## Basic parameter information

Model	ATI-A9-600RO	Proper temperature: 41-100.4°F
Voltage	100-240V AC	Product size: 17.12 x 6.29 x 15.74"
Power	70W	Applicable water source: Municipal tap water
Clean water flow	1.6L/min	Filtration accuracy: 0.0001 μm

## Power supply precautions

Use the AC power cord and outlet as follows to avoid fire, electric shock and damage.

Do not tweak, bend, twist the AC power cord, otherwise the core may be exposed or broken.

Do not pull on the AC power cord when disconnecting it from the device.

Do not use improper AC outlets.

Do not use the product's AC power cord on any other device.

Do not allow non-professionals to open the protective cover in order to perform maintenance operations on the machine.

If the power cord is damaged, it must be replaced with a special cord or a special component purchased from the manufacturer or service department.

Disconnect the AC power cord from the AC outlet before performing maintenance or moving the AquaTech Reverse Osmosis System.

## Warranty

	Warranty content	Warranty period
ATI-A9-600RO	Machine	Parts of the machine itself 1 year
	The main components	Water pump 1 year
		Circuit board 1 year
		Power Supply Switch 1 year

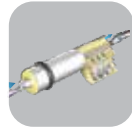
Manufacturer: AquaTech Home Reverse Osmosis  
website: [www.atipureonlinestore.com](http://www.atipureonlinestore.com)

# Product Features:

Reverse Osmosis System for Home-use:



Waterway integrated design



Filter integrated design



National level water efficiency standard



3 seconds quick change core



Super-large flux



High purity filtration

### 3 Filtering Modes in 2 Filters Makes For Easy And Cost Effective Replacement

Adopting top-notch leading technology, great costs saver and easy to replace.



Composite filter



### 1.5:1 wastewater ratio equals efficient water saving

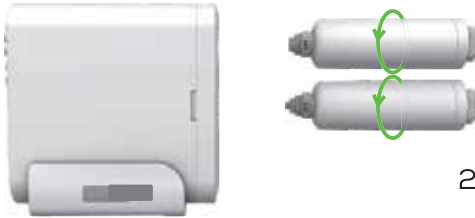


RO membrane filter

# Maintenance

## 1. Filter replacement

How to take out the filter: Hold the head of the filter element, rotate it 90°, counterclockwise and then withdraw it.  
How to install the filter: The operation sequence is reversed. (As shown below)



For Service Questions or  
Support, Contact Us At:  
[support@atipureonlinestore.com](mailto:support@atipureonlinestore.com)

## 2. Filter replacement cycle

When the filter element needs to be changed, the system will automatically prompt the change by turning the filter indicator light to a flashing red and starting the buzzer alarm;  
When replacing the filter element, first turn off the power supply and the inlet ball valve;  
For RO filter replacement, after the filter reset, follow the first flush operation;  
For CBPA filter replacement, after the filter reset, restart the normal operation;  
For best results, replace filters every 12 months

## 3. First Time Use

**1. Connect the power supply:** Insert one end of the power plug into the 220V AC power supply and one end into the DC port on the back of the machine.

**2. Device flushing:** After the device's pipeline is connected, first open the tap water storage gear, discharge it for about ten minutes (there will be some black water, which is normal), then switch the tap to the pure water faucet. Press the power switch now, the device will start running water normally, but the water will need to be discharged and the pure water will be ready after one hour of water production.

**3. Reset operation:** When the filter element needs to be replaced, press and hold the power button for 6 seconds to start the reset mode. When the CBPA lamp flashes, short press the power switch to switch off the filter element that needs to be reset. After selecting the filter element, press and hold for 6 seconds and then the reset is successful.



# Installation guide

## **Required Tools:**

Adjustable wrench

Screw driver

Utility knife

Variable speed drill

Drill bit

Flash light

Towel

**Check the box to make sure you have all the components:**

System Housing x 1 set

Activated Carbon Block  
Composite Filter x 1

RO Membrane Composite Filter x 1

RO faucet x 1

Feed Water Adapter x 1 set

Lock Clips x 5

Screws x 5

Power Cord x 1

White 3/8" PE tubing

White 2/8" PE tubing

Mount washer and nut x 2

Quick-connect fitting x 2

Tubing Holder clip x 1

Drain Saddle x 1

## Step 1

Install the feed  
water adapter

Shut off the water supply and turn on the kitchen faucet to release pressure.

Connect the feed water adapter to the cold-water valve. (A)

Position the RO system housing under the sink. (B)



A



B

Before you cut each of the 2 tubes in half, measure the distance needed for the tubing length to reach the osmosis system, faucet, and water intake port and feed water adapter to be sure that they can reach, according to your home setup.

Cut the included 2 tubes in half (or different length, based on your measurement and setup).

Remove plastic caps that cover the ports on the device.

Connect the 3/8" tubing between the Water intake port and the feed water adapter. (C)

Connect the other 3 tubings to the ports on the RO system housing. (D)



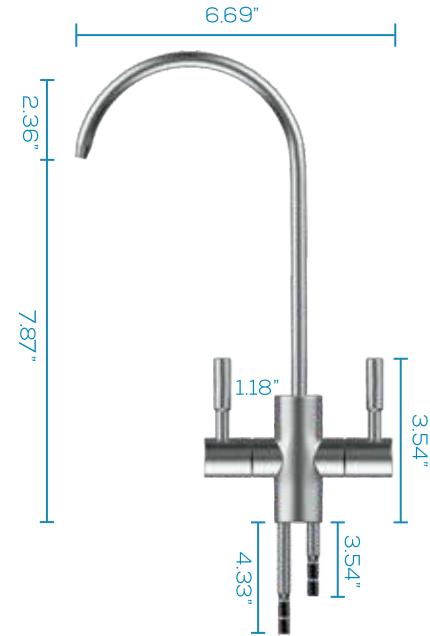
C



D

## Step 2

# Install the RO Faucet



Using a stainless steel suitable drill bit, drill only **one hole** in the countertop that is **large enough to fit the two small pipings** on the bottom of the faucet but small enough to allow support of the faucet base and ensuring it does not go through the hole.

Insert RO faucet piping into the hole. (E)

Install the mounter washer and screw the nut on to the threaded tubing under the sink. (F)

Insert the quick-connect fittings in the faucet stems. (G)



E



F



G

Connect the tubing from the Water outlet port to the bigger quick-connect fitting on the faucet stem. (H)

Connect the tubing from the Pure water nozzle port to the smaller quick-connect fitting on the faucet stem. (I)



H



I

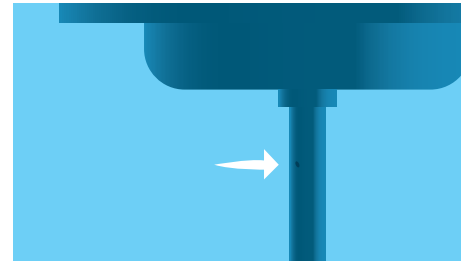
Step 3

# Install the Drain saddle

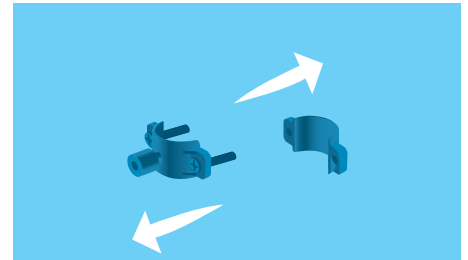
Drill a quarter inch hole on the vertical drain pipe. (J)

Separate the front and back plates of the drain saddle. (K)

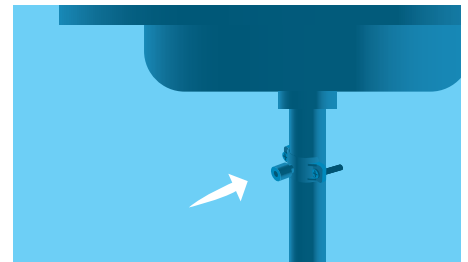
Take down the front plate and insert the tubing. (L)



J



K

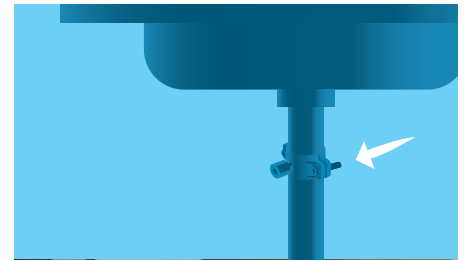


L

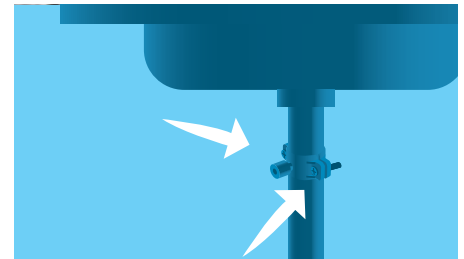
Attach the back plate to the drain pipe. (M)

Tighten the screws evenly. (N)

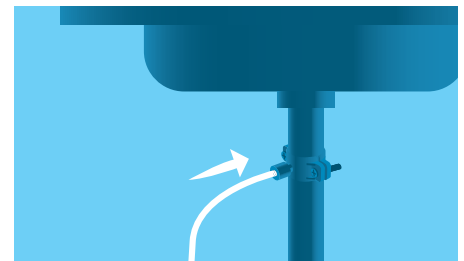
Connect the tubing from the Waste water port to the drain saddle. (O)



M



N



O

Step 4

# Plug in RO system

Insert the power cord in power socket port (P) and in the wall power socket. (Q)



P



Q

Step 5

# Insert filters

Insert the filters, one at a time, being sure to match the filters to their correct filter holes.

Push them in and then twist until you hear a clicking sound to confirm it is in place. (R)



R

Step 6

# Turn on the RO System

Turn on the cold-water valve and feed water adapter.

Turn on the tap water faucet and let it discharge for 10 minutes. (S)

Turn on the pure water faucet. Press the power switch. (O)

The RO system will start to run water and after an hour you'll have fresh, clean water.



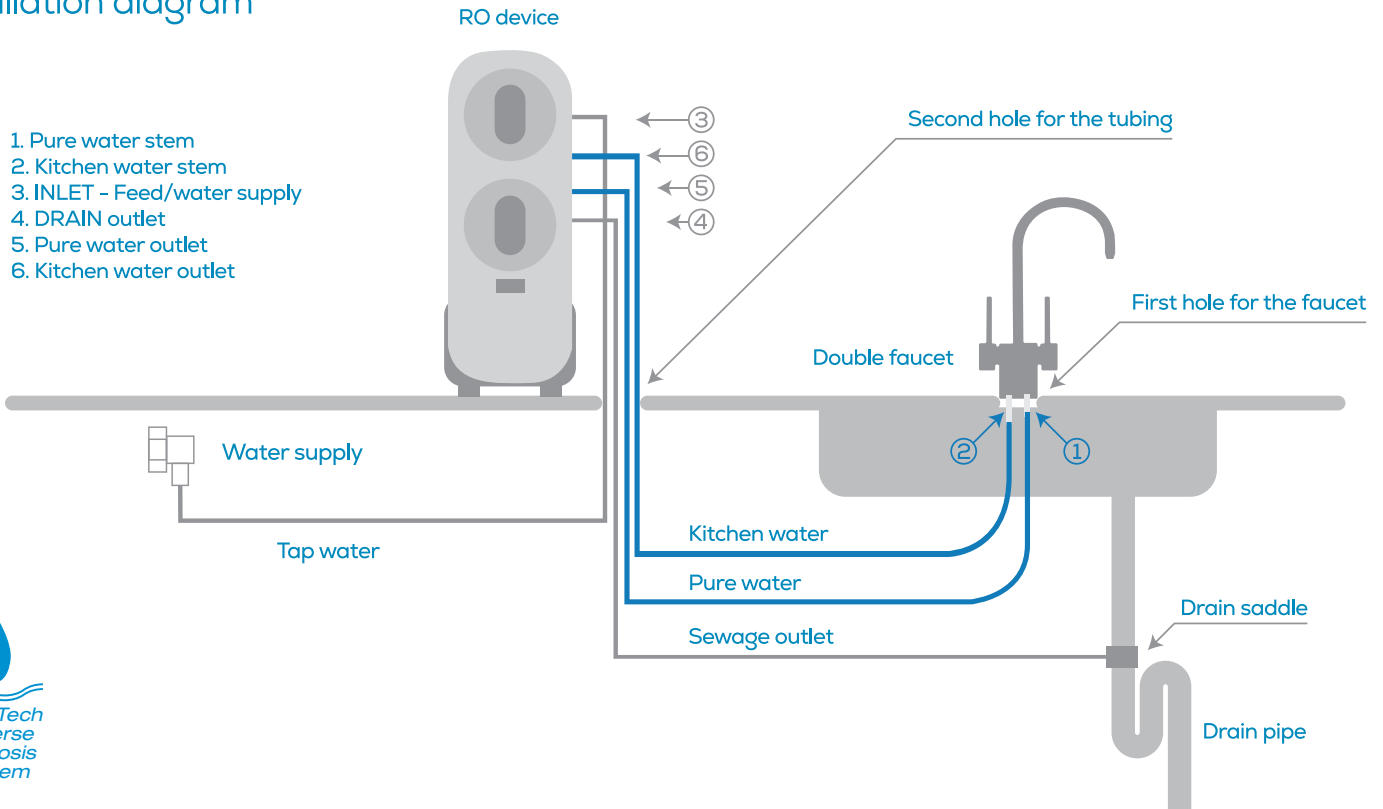
S



O

# Countertop Installation

# Waterway countertop installation diagram



## Please follow the next steps for an easy and successful countertop installation:

- 1. INSTALL THE WATER ADAPTER FOR THE WATER SUPPLY** Shut off the water supply and turn on the kitchen faucet to release pressure, connect the feed water adapter to the cold-water valve. (page 10/picture A)
- 2. POSITION THE RO SYSTEM ON THE COUNTERTOP.**
- 3. MEASURE THE DISTANCE NEEDED BETWEEN THE RO SYSTEM AND THE WATER SUPPLY, DRAIN PIPE & FAUCET**  
This will help you to know exactly how to position the RO system in order to be able to reach with the tubings all the required places. (page 11/picture C)
- 4. DRILL A HOLE ON THE COUNTERTOP FOR THE TUBINGS TO PASS THROUGH.** Make sure to drill the hole near to the RO DEVICE for a neat tubing management.
- 5. DRILL A HOLE ON THE COUNTERTOP FOR THE FAUCET.** Make sure to drill a hole enough for the bottom of the faucet to pass through and to support the faucet base but not too big for the entire faucet to fall off.
- 6. INSTALL THE RO FAUCET.** Insert the RO faucet piping into the hole. To secure the faucet, install the mounter washer and screw the nut on the threaded tubing under the sink. (page 13/picture E )
- 7. INSERT THE QUICK CONNECT FITTINGS**  
Big for the kitchen water and small for the pure water in the 2 faucet stems under the sink. (page 13/picture G )
- 8. INSTALL THE DRAIN SADDLE.** Drill a quarter-inch hole on the vertical drain pipe. Install the drain saddle by separating the drain plates and mounting them correctly, with the hole on the front. Insert the screws to tighten and to secure the drain saddle in place. (page 16/pictures J, K, L )

**9. MEASURE THE LENGTH OF THE TUBES, CUT AND CONNECT.** Before cutting the tubes, make sure to measure the distance needed for the tubing length.

- Water supply tube – measure from water adapter, passing through the countertop hole to the RO water feed inlet port, cut and connect.

- Drain tube for water waste – measure from RO water waste port, passing through the countertop hole to your drain saddle point, cut and connect.

- Kitchen water tube – measure from RO tap/kitchen port, passing through the countertop hole to the bigger quick-connect fitting under the sink, cut and connect.

- Pure water tube – measure from RO pure water port, passing through the countertop hole to the small quick-connect fitting, cut and connect.

**10. POWER CONNECTION.** Insert power cord in power socket port to the wall power socket. (page 19/pictures P, Q )

**11. FILTER INSTALLATION.** Match the filters to their correct filter holes, and insert them one at a time. Push the filter and twist clockwise until the clicking sound is heard. (page 21/picture R )

**12. TURN ON WATER.** Turn on the cold-water valve and feed water adapter.

**13. DISCHARGE INITIAL SUPPLY BEFORE DRINKING.** Turn on tap water and let it discharge for 10 mins. Turn on pure water faucet, turn on power switch, the RO system will start to run water and after an hour you'll have fresh, clean water. (page 23/pictures S, O )



Quality water, quality life.

[www.atipureonlinestore.com](http://www.atipureonlinestore.com)