A few simple steps to ensure perfect water, every time.

avalon

We're Here to Help

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Monday-Friday: 9 a.m.-5 p.m.

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www.avalonh2o.com

Use and Care Guide

MODEL: A61-RO

Registration

Please visit the website below to register your new water dispense within the first 30 days of purchase. Registration within the first 30 days will activate your one year warranty.

www.avalonh2o.com/register-my-avalon-cooler

Please keep your model number, order number and purchase date for future support. You can reach us at support@avalonh2o.com.

Model Number _____

Order Number _____

Purchase Date _____

NSF

Tested and Certified by NSF International against NSF/ANSI Standard 42 & 53 in model A4FILTER for the reduction of lead, chlorine, cyst.

REPLACEMENT ELEMENT

NSF

This ASFILTER is Tested and Certified by NSF International against NSF/ANSI Standard 42 for materials and structural integrity requirements.

COMPONENT

Contents

About Your Water Dispenser

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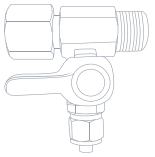
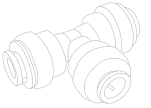
Meet Your Avalon Product

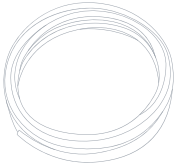
Inside the box, you'll find:



Adapter with Valve



Three Way
Plastic Adapter



PE Tubing (10')
x2



Sediment Filter



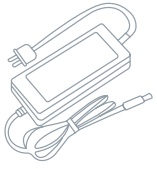
Pre-Carbon Filter



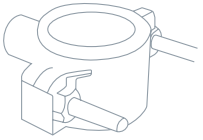
RO Filter



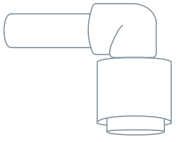
Post Carbon Filter



Power Adapter



Drainage collar
clamp



Water Inlet Elbow
x3

Meet Your Avalon Product

Attractive Design

Modern countertop design with digital display

Filter Indicator Light

Allows you to keep track of filter life

4 Stage Filtration

Filtration using enhanced reverse osmosis purification

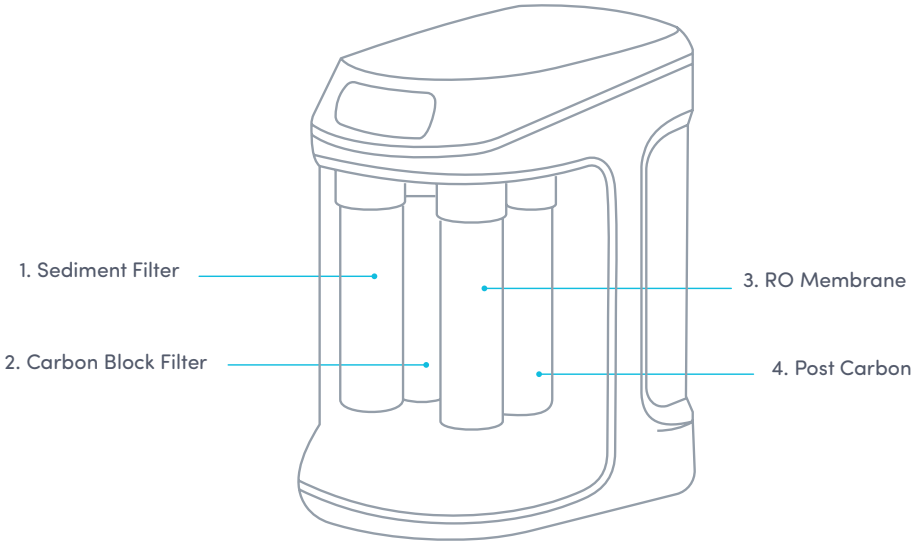
NSF Certified Filters

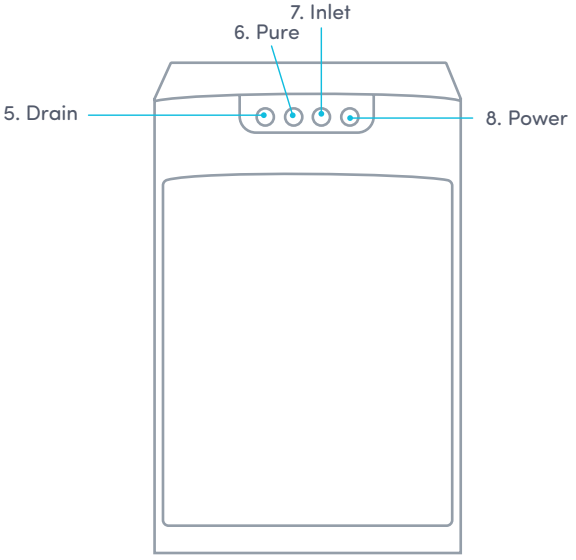
We meet strict standards for public health protection

High Performance RO Tank

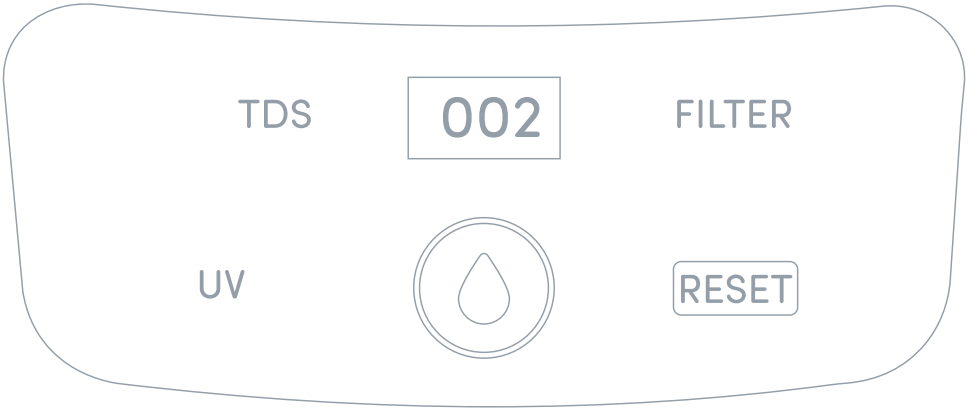
Delivering filtered water on demand

Part Names


1. Sediment Filter
2. Carbon Block Filter
3. RO Membrane
4. Post Carbon


7. Inlet
6. Pure
5. Drain
8. Power

Control Panel



When the water dispenser is not used for 30 seconds, the control panel will enter standby mode and all indicators will dim. Touch the dispense button to exit standby mode.

TDS Display: This will display the TDS level of the purified water coming from the spout after going through the 4 stage reverse osmosis filtration process.

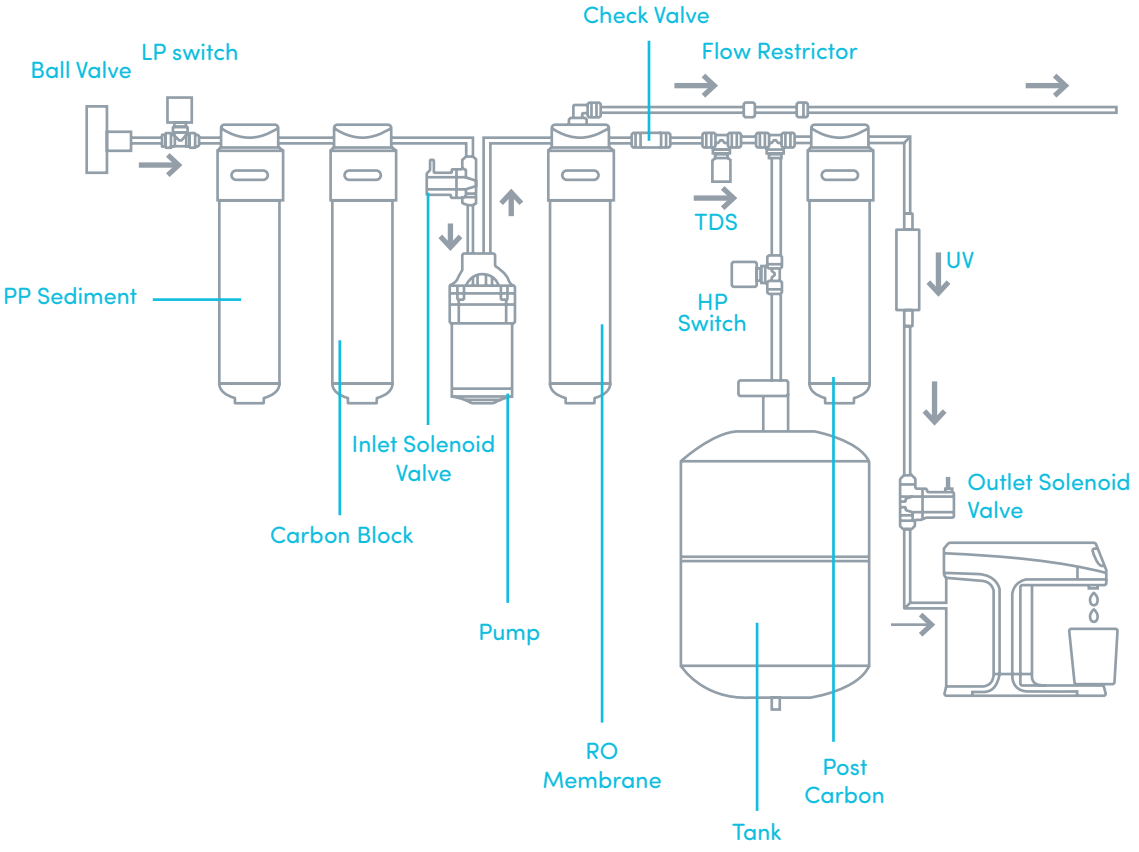
UV Indicator: This will be lit up indicating that the UV sterilization is working, preventing any bacteria growth in the water.

Filter Indicator: This will be lit white to let you know the filters are working properly. When the When the filters near the end of life, the “FILTER” indicator light will blink red and the reset button below it will illuminate. When the filter life reaches 1500 gallons or 6 months time the “FILTER” indicator will be steady red and beep.

Filter Reset Button: This will illuminate when the filters are near their end of life. Press and hold this for 3 seconds after changing the filters to reset the internal clock.

Dispense Button: Press this button to begin the dispensing of water from the spout. Press this button again to stop the dispensing of water from the spout.

Flow Chart


Check Valve
Ball Valve
LP switch
Flow Restrictor
TDS
UV
PP Sediment
HP
Switch
Inlet Solenoid
Valve
Outlet Solenoid
Valve
Carbon Block
Pump
RO
Membrane
Post
Carbon
Tank

Tech Specs

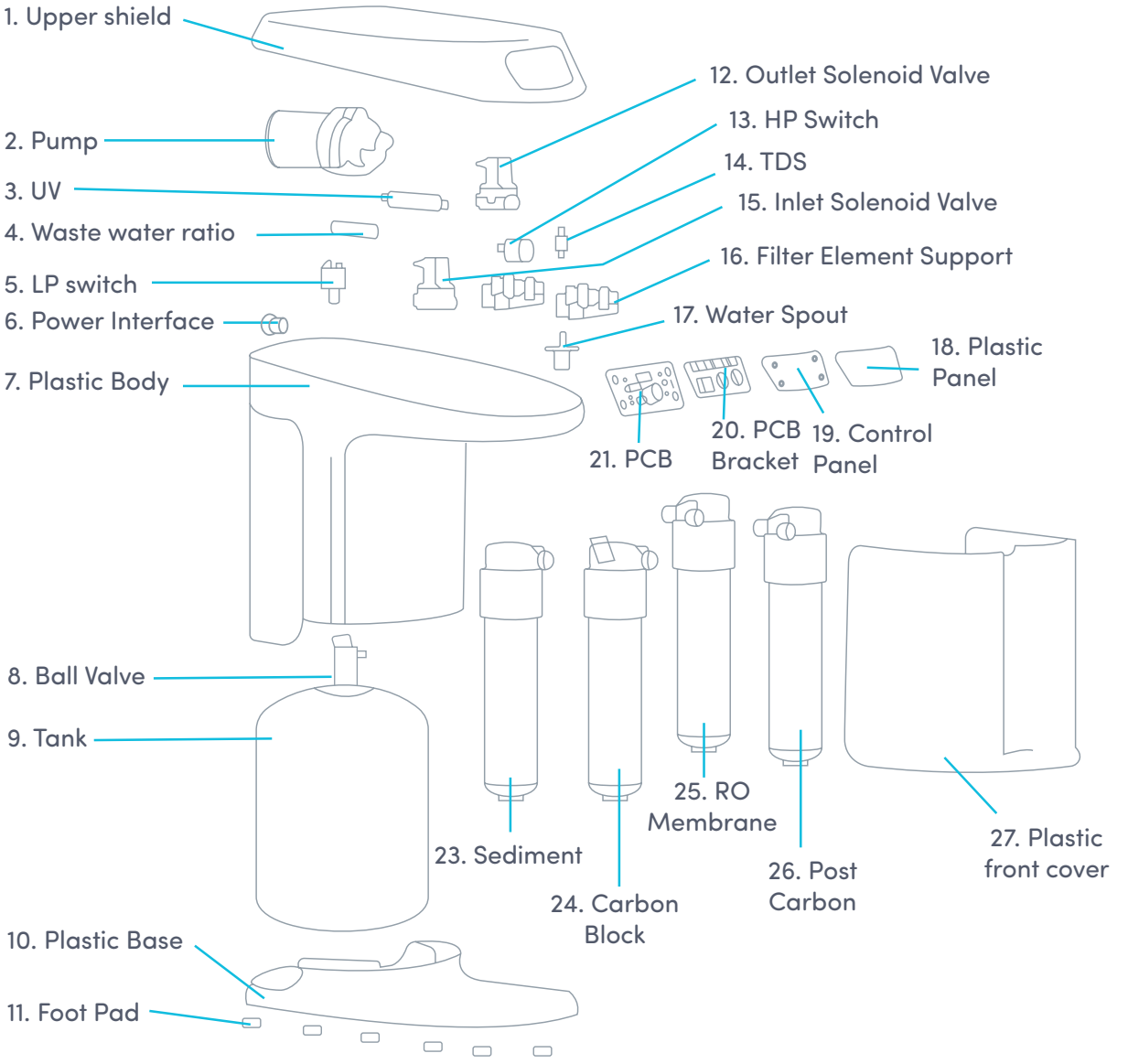
Rated Voltage	AC 100-240V 50/60Hz
Rated Power	25W-32W
Pure Water Rate	100GPD or 0.25 L/min
Feed Water Pressure	14.5-58PSI/0.1-0.4MPa
Feed Water Requirement	Municipal Tap Water
Feed Water Temperature	41-100°F
Ambient Temperature	39.2-104°F
Filter Life	6 Months / 1500 Gallons
Maximum Daily Water Production Volume	75 Gallons, approximately 284 Liters"
Product Dimensions	360 x 230 x 357.5mm
Stage 1 Filter	Multi-Layer Sediment
Stage 2 Filter	Pre-Carbon
Stage 3 Filter	Reverse Osmosis
Stage 4 Filter	Post-Carbon

Note

- It is not recommended to use water with extremely high raw water value TDS (more than 500ppm) as raw water for filtration, which will affect the service life of the filters.

- The filtration rate is affected by water quality, water pressure and water temperature. When the water quality does not meet the standard, the water pressure is too low, or the water temperature is lower than 77°F, the filtration rate will be lower than the standard value.

Explosion Diagram



Filter Function Introduction

Stage	Filter	Function
Stage 1	Sediment Filter	Course filtration of raw water to remove rust, dirt and sediment
Stage 2	Carbon Block Filter	Removes the water odor, residual chlorine, organic matter, and lead to improve taste
Stage 3	RO Membrane Filter	Remove organic impurities such as bacteria, viruses, heavy metals, etc. from water
Stage 4	Post Carbon Block Filter	Absorb unusual colors and odors, Remove residual chlorine and organic substances in water.

Getting Started

Unpacking Your Avalon Water Dispenser

Locating Dispenser

- Place dispenser upright on a hard and level surface in a cool and shaded location near a grounded wall outlet. Position the dispenser so there is about 4 inches of clearance from the wall on the back and both sides.

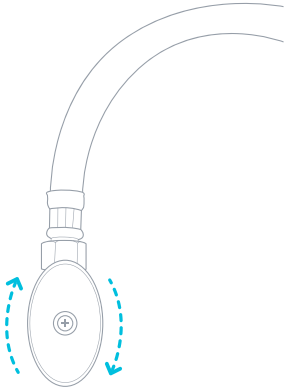
Locating Accessories

- Unpack the product and install the drip tray by inserting it into place.

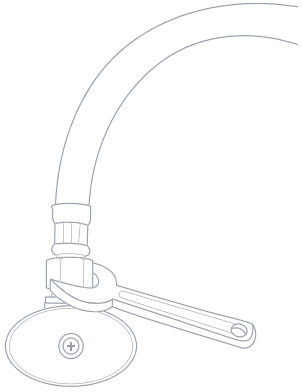
Installation (Under the Sink)

Installing the Metal Adapter with Valve

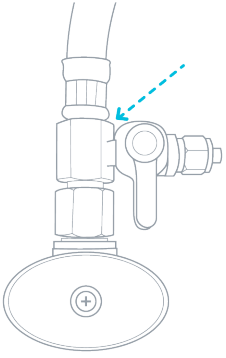
1. Turn off the current cold water supply that is the source of water to your sink.



2. Disconnect the current cold water supply line under your sink.



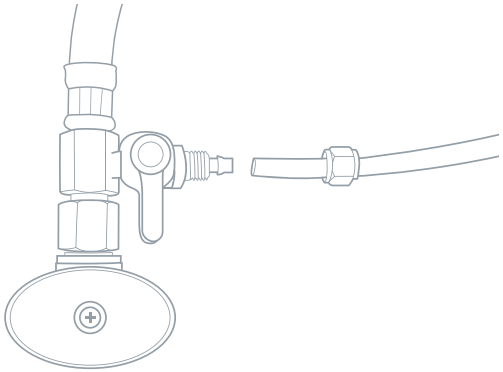
3. Connect the Metal Adapter with Valve between the cold water supply line and cold water valve.



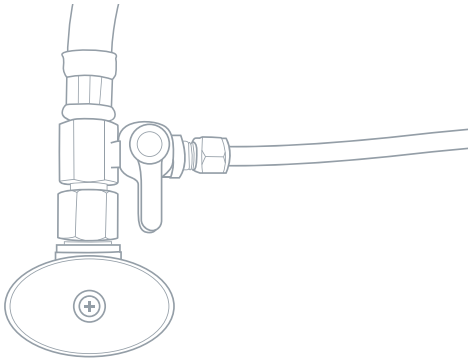
Installation (Under the Sink)

Installing the Metal Adapter with Valve

4. Remove the nut from the Metal Adapter and insert the PE Tubing through the nut. Slide the PE Tubing onto the protruding part of the Adapter where the nut was located until it reaches the threading.



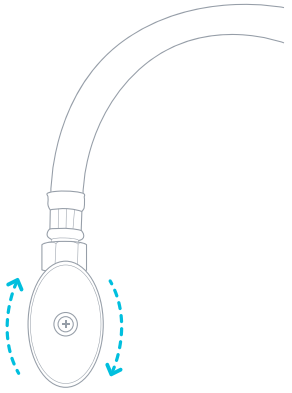
5. Screw the nut tightly into place to keep the PE Tubing securely connected to the Metal Adapter with Valve. Make sure the Valve is in the off position (perpendicular to the PE Tubing).



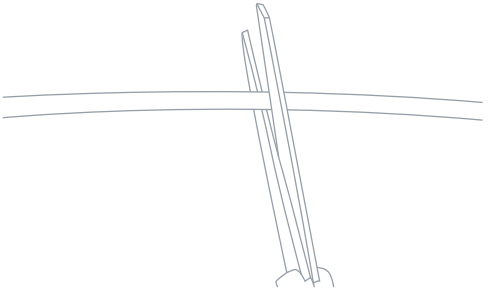
Installation (Refrigerator Water Line)

Installing the Three Way Plastic Adapter

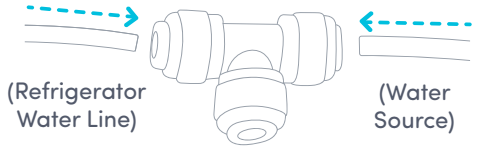
1. Turn off the current cold water supply that is the source of water to your refrigerator line.



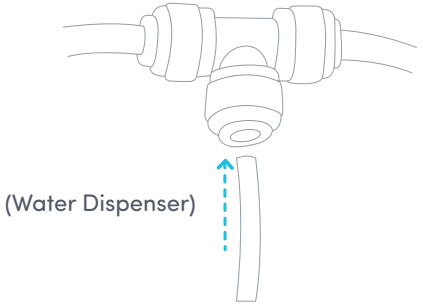
2. Cut the current ¼" tubing that is connected to the back of your refrigerator or ice maker near the end of it that is currently inserted into the refrigerator.



3. Insert each cut end of the existing ¼" tubing into one of the holes of the Three Way Plastic Adapter.

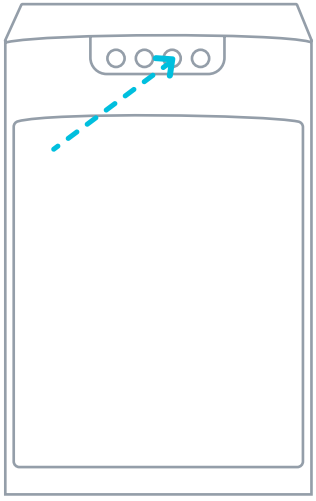


4. Insert one end of the PE Tubing that is supplied with the water dispenser into the third opening of the Three Way Plastic Adapter.

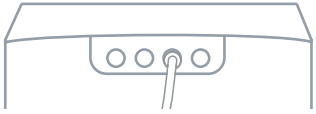


Finishing the Water Dispenser Installation

1. Remove the plug from the water inlet (#7) located on the back of the unit. To do this press on the push connect ring that is behind the plug.

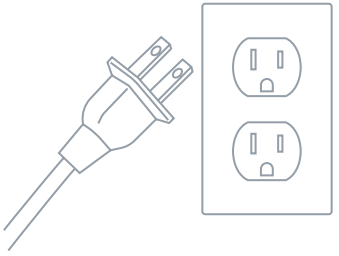


2. Push one of the inlet elbows into the water inlet (#7) and then push the open end of the PE Tubing into the open end of the inlet elbow.

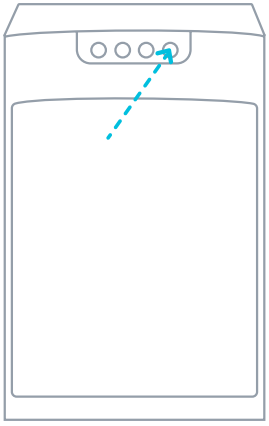


Finishing the Water Dispenser Installation

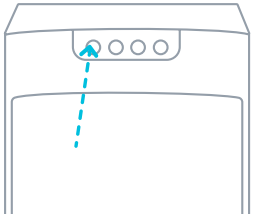
3. Plug in the pronged end from the power adapter to a grounded wall outlet.



4. Plug the other end of the power adapter to the power inlet on the back of the water dispenser.



5. Remove the plug from the drain outlet (#5) located on the back of the unit. To do this press on the push connect ring that is behind the plug.

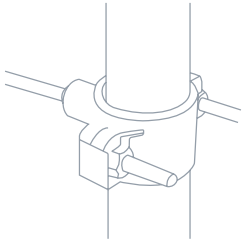


6. Push one of the inlet elbows into the drain outlet (#5) and then push one end of the 2nd PE Tubing into the open end of the inlet elbow.

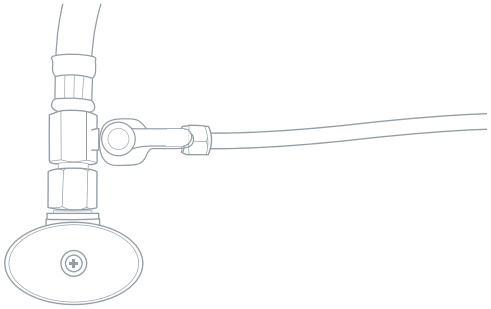


Finishing the Water Dispenser Installation

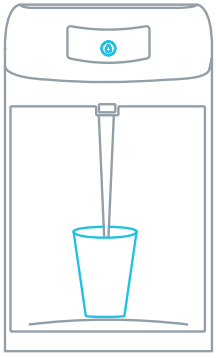
7. Connect the other end of this PE Tubing to your drain line. You may use the included drainage collar clamp by screwing the clamp over your drain pipe and inserting the open end of the PE Tubing into the drainage collar clamp.



8. Turn the Valve for the water source back on (the on position is parallel to the PE Tubing).

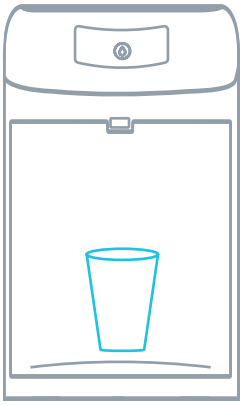


9. To flush the filters for the 1st time, press the dispense button and allow water to flow from the spout for 15 minutes.

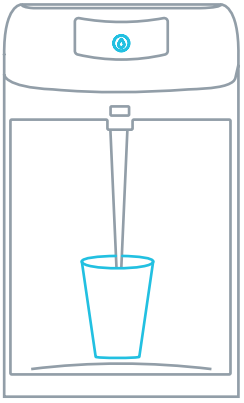


Dispensing Water

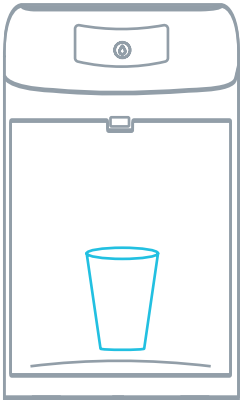
1. To dispense water, place a cup or bottle below the water spout.



2. Press the dispense button to begin the dispense of water.



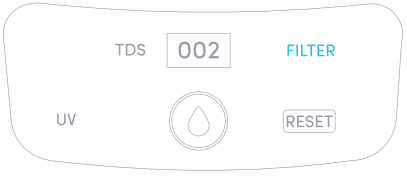
3. Release the dispense button to stop the flow of water.



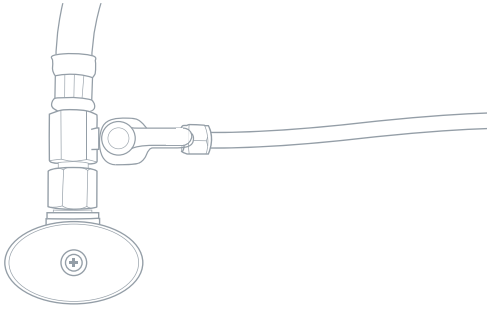
User Guide and Maintenance

Replacing the Filters

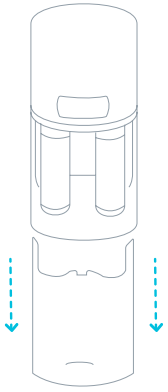
1. When the filters near the end of life, the “FILTER” indicator light will switch from steady white to blinking red and the reset button below it will illuminate. When the filter life reaches 1500 gallons or 6 months time the “FILTER” indicator will be steady red.



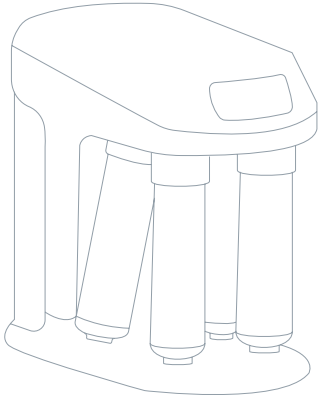
2. Turn off the valve at the water source.



3. Slide out the filter cover from the front of the water dispenser.

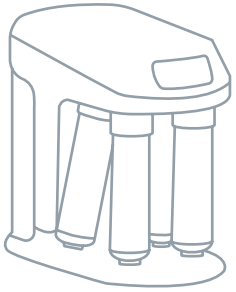


4. Twist out the 4 filters to remove them from their filter housing.

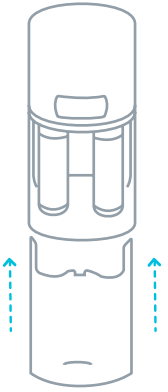


Replacing the Filters

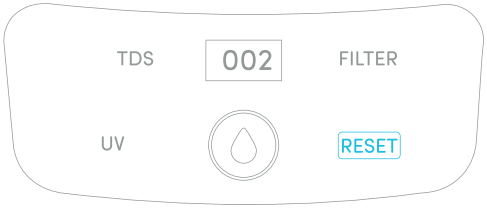
5. Twist the 4 new filters into the corresponding filter housing. Please make sure the correct filter is inserted to the correct location. The correct location of each filter is necessary for the filtration to work.



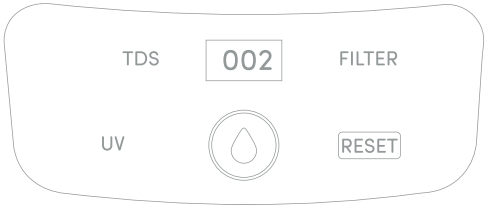
6. Slide the filter cover back into place.



7. Press the Reset button on the control panel for 3 seconds to reset the internal clock.



8. Once the reset is complete, you will hear a short beep and the Reset button will no longer be illuminated, and the control panel will only display the filter status.



Safety

Safety

- This dispenser is intended for water dispensing only. Do NOT use other liquids. Do NOT use for other purposes. Never use any other liquid in the dispenser other than known microbiologically safe tap water.
- For indoor use only. Keep water dispenser in a dry place away from direct sunlight. Do NOT use outdoors.
- Install and use only on a hard, flat and level surface.
- This appliance is intended to be used in a household and similar applications such as: kitchen area in shops, offices and other working environments, bed and breakfast type environments, catering and similar non-retail applications.
- Never turn the machine upside down or lean it more than 45°.
- In order to ensure water is filtered properly, both for health & safety, as well as proper function of the machine, please replace the filters when the machine begins to give notice of expiring filters. Once the filters have expired, change the filters as soon as possible, and then reset the machine, which will allow it to function properly.
- When this product will not be used for an extended period of time, please shut off the water source leading to it.
- If the product malfunctions or has any sign of leaking, please quickly shut off the water source leading to it.

Warranty

Warranty

Models included are:
A1TLWATERCOOLER, A2TLWATERCOOLER, A3BLOZONEWTRCLR, A3F, A3F-SC, A4BLWTRCLR, A4F, A1BOTTLELESS, A5BOTTLELESS, A5BLK, A6BLWTRCLRWHT, A6BLWTRCLRBLK, A7BOTTLELESS, A7BOTTLELESSBLK, A8CTBOTTLELESSWHT, A8CTBOTTLELESSBLK, A9CTELECTRICSS, A9ELECTRICBLK, A9ELECTRICWHT, A10-TL, A11-CTTL, A12-CTPOU, A13, A14, A15, A1CTWTRCLRBLK, A1CTWTRCLRWHT, A3BLK, A4F, A5BLK, A6SC-WHT, A6SC-BLK, A10BLK, A11BLK, A12BLK, A13BLK, A14BLK, A13CT, A13-S, B8WHT, B8BLK, A9, A-ICE, A-ICE2, A51, A50-SB, A50-S, A50-G, A50-W, A50-B, A50-CC, A52-C, A52, A51-NF, A51-OFNC, A40-CCF, A20-B, A20-N, A21-B, A21-N, A30, A31, A60, A61

Products listed above are covered by the terms of this Limited Warranty. For purposes of this Limited Warranty, the term "product" means any water cooler bottled or bottleless manufactured for Avalon. Avalon warrants that it will, at Avalon's option, replace or repair the Purchaser's Avalon product sold in the U.S. or Canada by an authorized retailer if that product is defective due to faulty workmanship or materials, subject to the limitations described in this Limited Warranty. Avalon undertakes no responsibility for the quality of the goods except as otherwise provided in this warranty. There are no warranties that extend beyond the description on the face hereof. This Limited Warranty is valid only in connection with the original purchase of new products from authorized retailers and extends from the original purchase date of the original product purchased. This warranty extends only to the original purchaser of the product and lasts for one (1) year from the date of the original purchase or until the original purchaser of the product sells or transfers the product, whichever first occurs. An "original purchaser," for the purposes of this Limited Warranty, is an individual or entity who purchases the product directly from Avalon or an authorized retailer of Avalon with the intent to use the product for personal consumer use and commercial or industrial use and not with the intent to resell the product. An "authorized retailer," for purposes of this Limited Warranty, is an individual or entity authorized by Avalon to sell the product directly to original purchasers. An individual or entity that purchases the product from whatever source with the intent to resell the product is an unauthorized reseller ("unauthorized reseller"). For the purpose of this Limited Warranty a "Third Party" would be considered any plumber, maintenance company, or individual hired by the Purchaser.

This Limited Warranty does not apply to used, refurbished, renewed, floor model or "demo" products, or to products sold by unauthorized resellers, including without limitation, unauthorized resellers on third party websites, including, without limitation, Craigslist, eBay, Amazon, etc. Unauthorized resellers are not "original purchasers" for the purpose of this Limited Warranty. If the purchaser is not the original purchaser of this product, the purchaser takes the product "AS IS," "with all faults" and without warranty. Avalon reserves the right to require a valid serial number located on your product to submit a valid claim under this Limited Warranty. Products where the serial number has been removed or evidence showing the removal or attempted removal of the serial number label will not be eligible to make a claim under this Limited Warranty. IF THE PURCHASE OF THIS PRODUCT WAS NOT DIRECTLY FROM AVALON, PROOF OF PURCHASE WILL BE REQUIRED TO DEMONSTRATE THAT PURCHASER IS THE ORIGINAL PURCHASER AND THE PRODUCT WAS PURCHASED FROM AN AUTHORIZED RETAILER, AND ELIGIBLE TO MAKE A VALID CLAIM UNDER THIS LIMITED WARRANTY.

Your purchase date is established from the date of your sales receipt. Avalon may require the purchaser to provide proof of the quality and condition of the water cooler if the purchaser makes a claim under this Limited Warranty. Avalon reserves the right to invalidate this Limited Warranty if the water cooler is determined, in Avalon's reasonable discretion, to be inadequate or if the water cooler is found to be in an unsanitary condition. This warranty does not apply if the product was damaged or failed because of accident, improper handling or operation, relocation, abuse, misuse, unauthorized repairs made or attempted, or improper installation or maintenance. Under this Limited Warranty, products are required to be plugged directly into a grounded wall outlet. Plugging a product into an extension cord or surge protector will be considered misuse and will void this Limited Warranty. If damage to the product has occurred during shipping, the damage must be reported to Avalon within the first 30 days from the original purchase date to be eligible to make a claim under the Limited Warranty. Shipping damage reported to Avalon outside of the first 30 days from the original purchase date will not be eligible for a valid claim under this Limited Warranty. This warranty does not cover shipping costs for the return of products to Avalon for repair or replacement.

To submit a valid claim under this Limited Warranty, troubleshooting the product with an Avalon Customer Success Expert is required. If troubleshooting the product is refused by the Purchaser, Avalon reserves the right to deny the Limited Warranty Claim. In the event a part is necessary to correct the problem with a Product, Avalon will provide the part at no cost to the original purchaser under this Limited Warranty. Replacing parts or attempting to correct an issue with the Product is required prior to submitting a claim for a replacement product under this Limited Warranty. Instructions for troubleshooting a Product or replacing a part will be provided by Avalon. Troubleshooting, repairs, part replacement, installation, and proper maintenance are the responsibility of the Purchaser. Instructions for proper installation and maintenance will be provided in the user manual.

Installation, maintenance, or repairs of the Product is the responsibility of the Purchaser. The Purchaser reserves the right to use a Third Party for installation, maintenance, and repair at their own risk. Avalon is not responsible for any additional cost incurred for installation, maintenance, or repair of the Product including but not limited to additional material needed for installation or the cost of a Third Party. Damage or failure of the Product due to improper installation, maintenance, or repair caused by a Third Party or the Purchaser is not the responsibility of Avalon and will not be covered under this Limited Warranty. Instructions for proper installation and maintenance will be provided in the user manual.

ANY AND ALL WARRANTIES, EXPRESSED OR IMPLIED (INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY), LAST ONE YEAR FROM THE DATE OF ORIGINAL PURCHASE OR UNTIL THE ORIGINAL PURCHASER OF THE PRODUCT SELLS OR TRANSFERS THE PRODUCT, WHICHEVER FIRST OCCURS. IN NO EVENT SHALL AVALON'S LIABILITY UNDER ANY EXPRESS OR IMPLIED WARRANTY INCLUDE (I) INCIDENTAL OR CONSEQUENTIAL DAMAGES FROM ANY CAUSE WHATSOEVER, INCLUDING BUT NOT LIMITED TO ELECTRICAL OR WATER DAMAGE, OR (II) REPLACEMENT OR REPAIR OF ANY HOUSE FUSES, CIRCUIT BREAKERS OR RECEPTACLES. NOTWITHSTANDING ANYTHING TO THE CONTRARY, IN NO EVENT SHALL AVALON'S LIABILITY UNDER ANY EXPRESS OR IMPLIED WARRANTY EXCEED THE PURCHASE PRICE OF THE PRODUCT AND ANY SUCH LIABILITY SHALL TERMINATE UPON THE EXPIRATION OF THE WARRANTY PERIOD.

Except as otherwise provided, Avalon will not charge Original Purchaser to repair or replace the purchaser's Product if it is deemed defective during the length of this Limited Warranty, but any transportation costs associated with repairs or replacements are Purchaser's responsibility. No new warranty is provided with a replacement product. The warranty for the replacement product runs from the date of the original purchase of the original product. In the event that repair is necessary, such repair will be at no charge to the Purchaser except for transportation costs associated with such repair or replacement of a product in compliance with the terms of this Limited Warranty.

In the event, a warranty claim is filed and a warranty replacement is deemed necessary, the purchaser will be required to surrender the original product to Avalon at the time of replacement.

Some states and provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so these exclusions or limitations may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state and province to province.