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

avalon

We're Here to Help

Email Us:
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Availability:
Monday-Friday: 9 a.m.-5 p.m.

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www.avalonh2o.com

Use and Care Guide

MODEL: A51-NF

Registration

Please visit the website below to register your new water cooler 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 _____

Contents

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Meet Your Avalon Product

Attractive Design

Elegant design with brushed stainless steel surface

Crisp, Cold Water

Applicable for any environment where there is a demand for a chilled water source.

Easy Bottle Filling

Suitable for direct water drinking and bottle filling

Touchless Sensor

Hand-activated infrared sensor for water cooling & bottling

ADA Compliant

Water cooler with bottle filling station in a consolidated space saving ADA compliant design.

Status Indicator Light

Visual filter status indicator & reminder of filter replacement if necessary.

Dual Filtration

Built-In water filter to reduce lead, large particles, chlorine, taste and odor in water.

High Cooling Efficiency

Hermetically compressor, copper-tube winding cooling tank with high cooling efficiency.

Leak Detection Sensor

Built-in leakage detector, safe & user-friendly.

Environmentally Friendly

Green Tips inform user of number of plastic water bottles saved

UV Sterilization

UV sterilizing lamp is available if required.

Caution & Notices Before Installation

1. The power supply of this machine is 115V AC with effective grounding.

2. After the cooler is secured, connect the drainage, water inlet and power supply. Touch sensing area with hand to fill water. Move away your hand after water flows out from faucet.

3. Replace the filter according to indication in time.

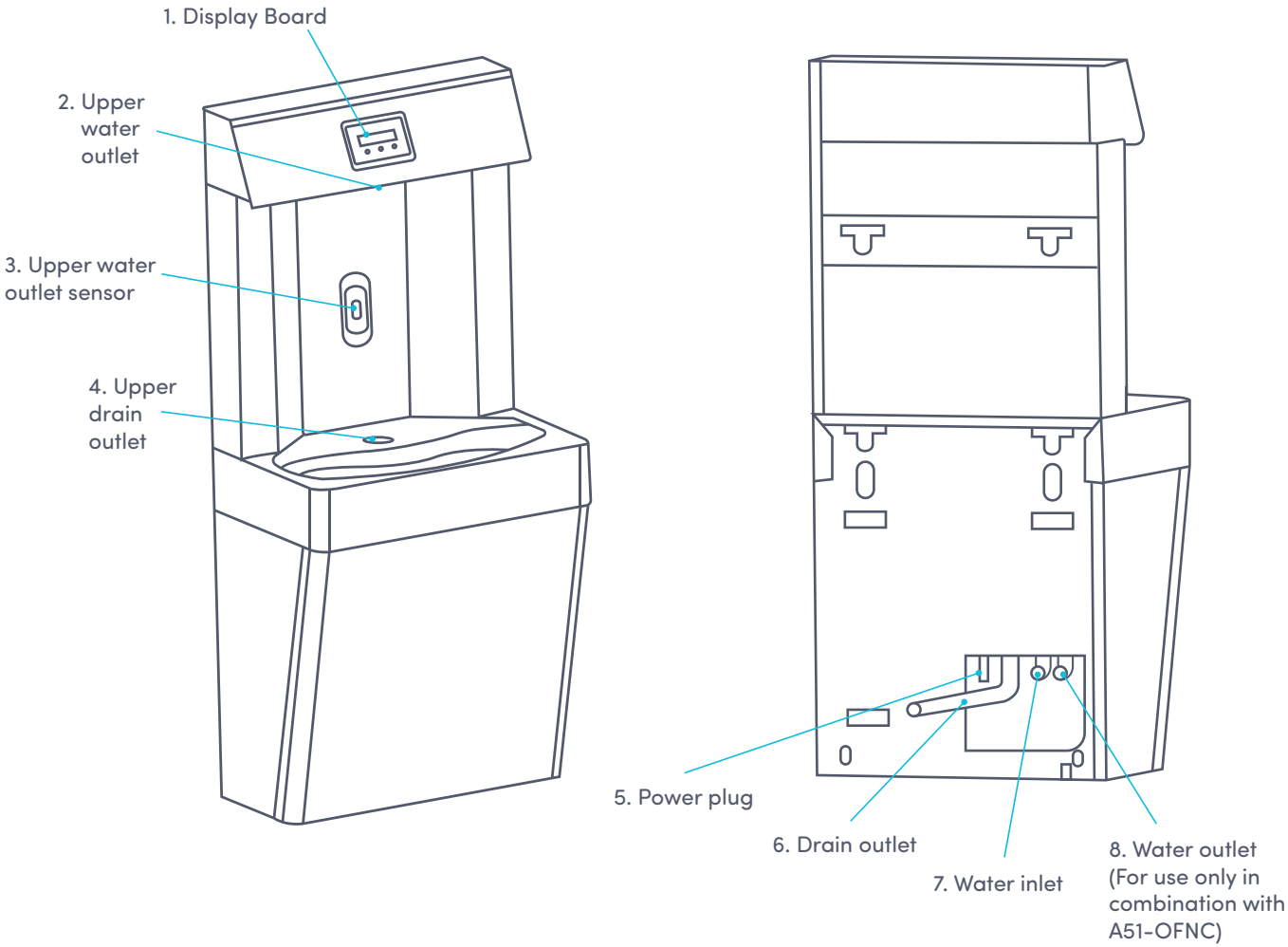
4. Contact manufacturer or local agent to replace the filter and spare parts.

5. Set the device at a location with good ventilation; ensure air circulation at both sides. Keep the device clean.

6. This water cooler is not recommended or designed for outdoor applications or closed areas,and failure to heed these conditions may void warranty.

*If there is something wrong with the device, please contact the manufacturer or local agent. Manufacturer is not responsible for any damage caused by self-disassembling.

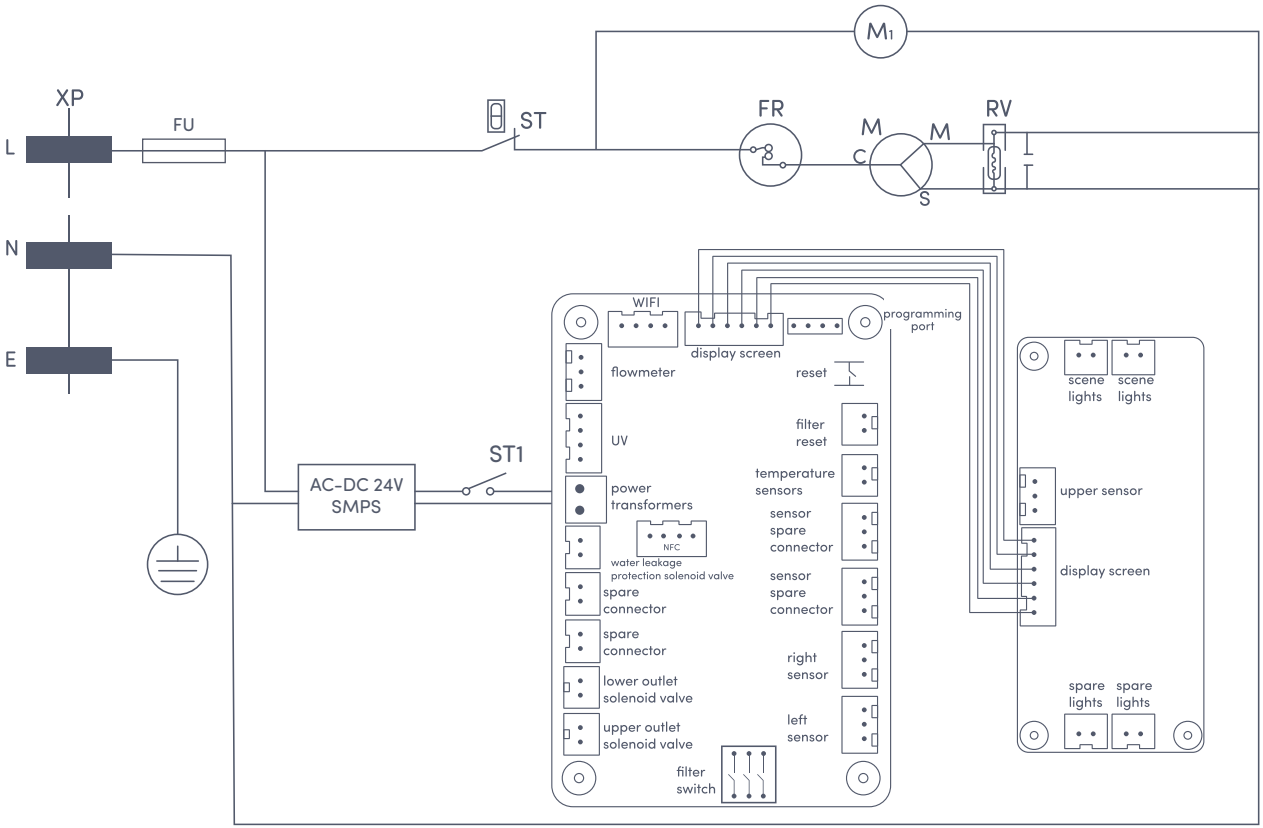
Part Names


1. Display Board
2. Upper water outlet
3. Upper water outlet sensor
4. Upper drain outlet
5. Power plug
6. Drain outlet
7. Water inlet
8. Water outlet (For use only in combination with A51-OFNC)

Tech Specs

Rated Voltage/Rated Frequency	115V AC/60Hz
Refrigerant	R134a/110g
Rated Cooling Power	200W
Rated Cooling Current	2.5A
Cold Water	46.4°F - 53.6°F
Ambient Temperature	50°F - 100.4°F
Protection Type For Electric Shock	Class I
Water Source	0.07-0.5MPa City water

Electric Principle Diagram

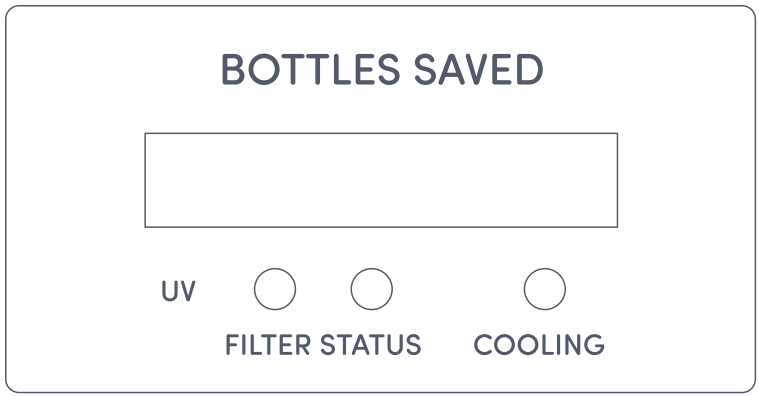


XP:inlets ST:thermostat RV:starter M:compressor
FR:overload protector M1:fan FU:fuse-link

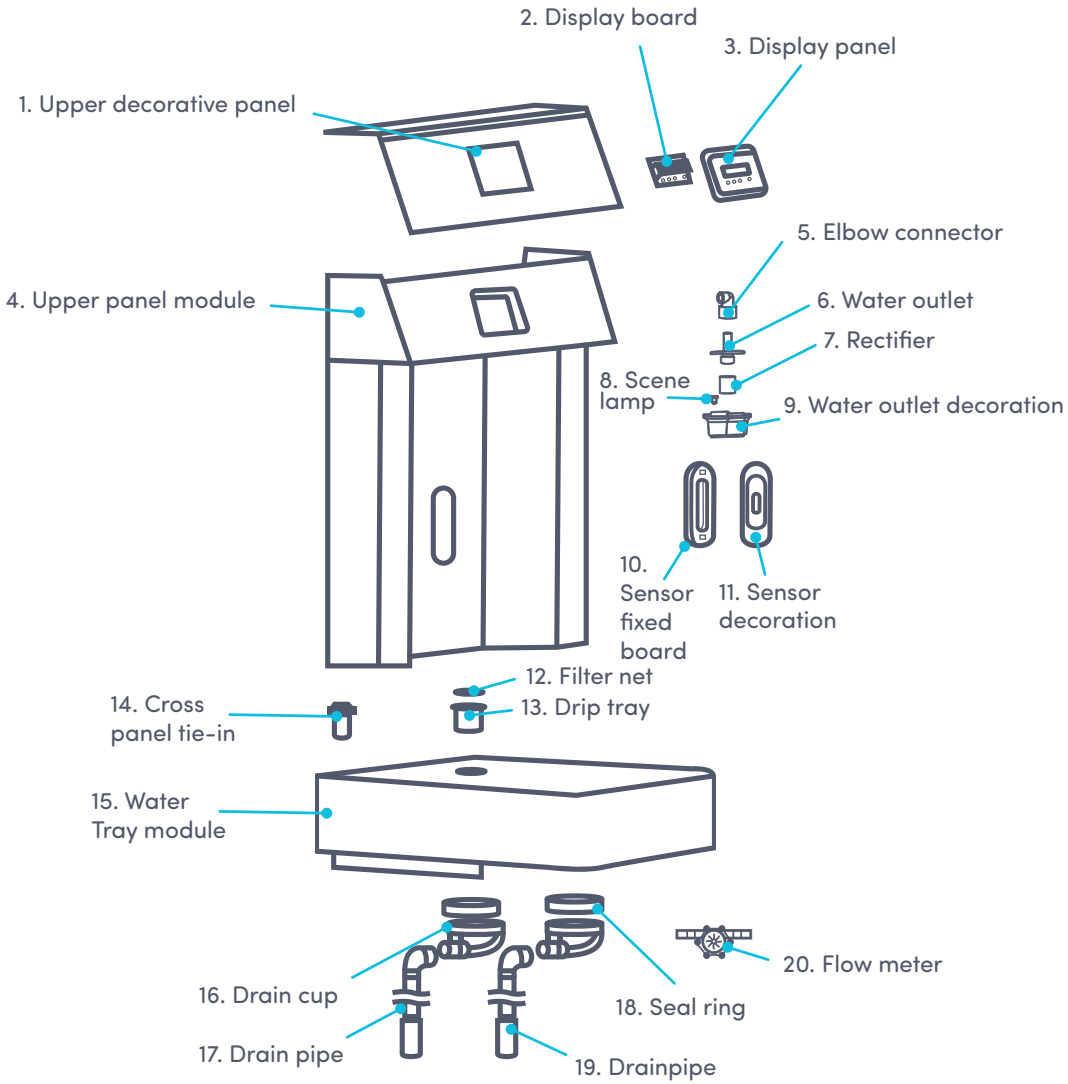
Models And Functions

Model	Fountain	Bottle Filler
A51-NF	/	1

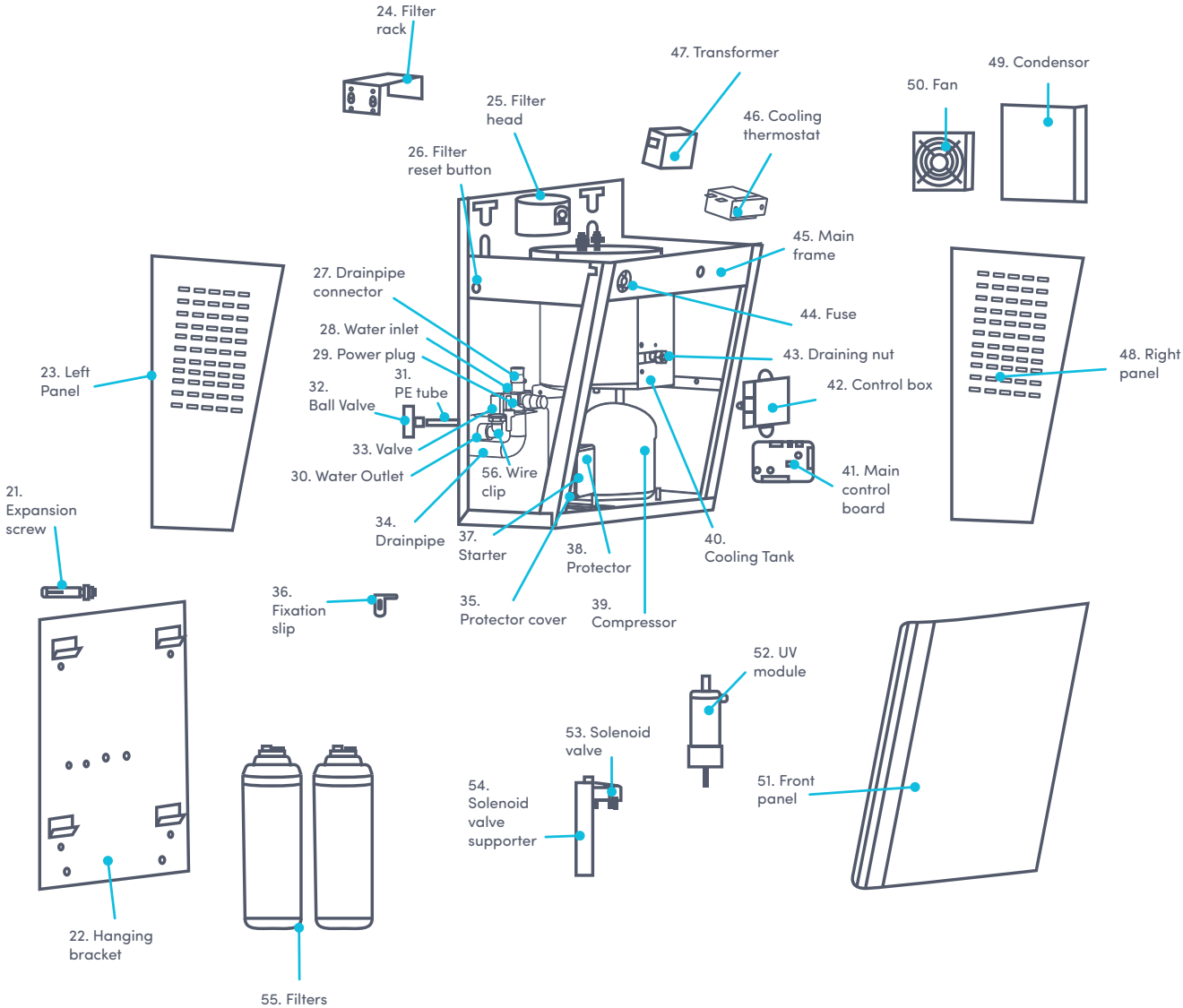
Introduction Of Display Board



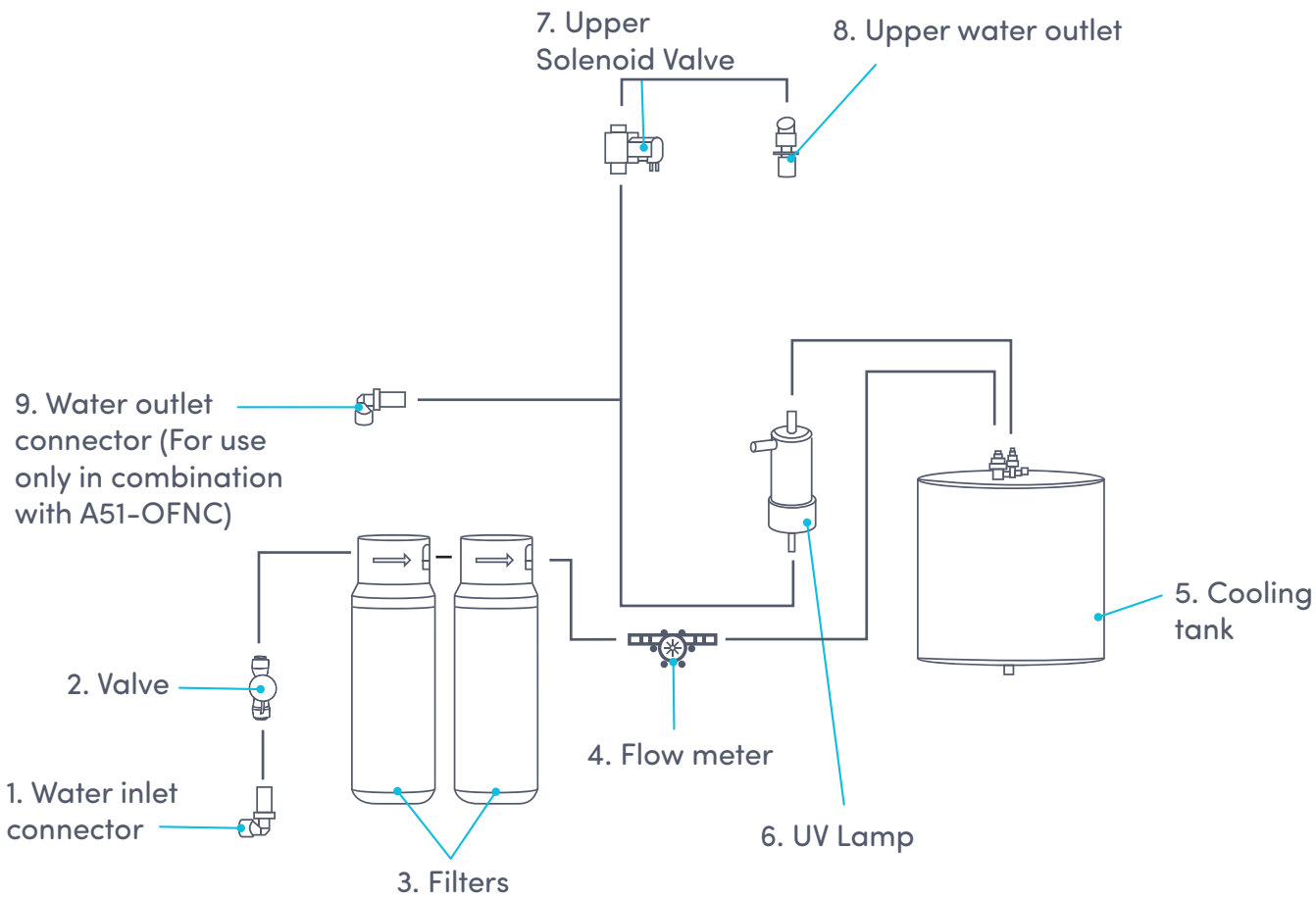
Explosion Diagram



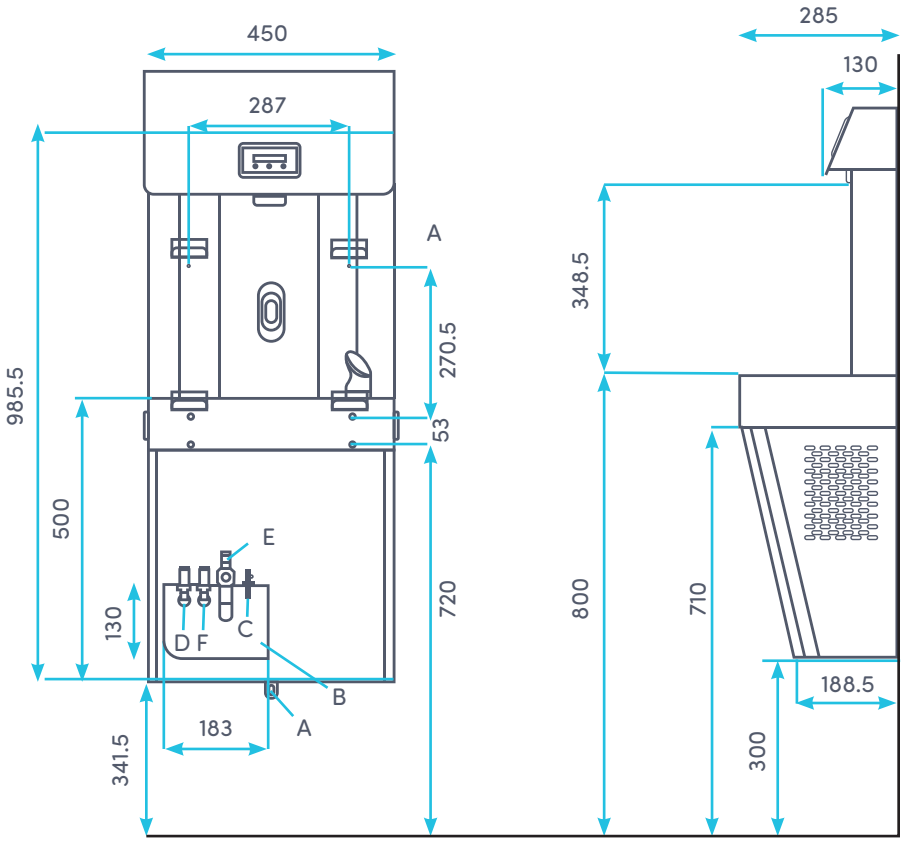
Explosion Diagram (cont'd)



Waterways Diagram



Installation Diagram



Note

A:Hanging bracket fixation holes, expansion screw M6x50

B:Hole-punching positions for water inlet/power supply/drainage

C:Power plug

D:Water outlet (For use only in combination with A51-OFNC)

E: Drain outlet

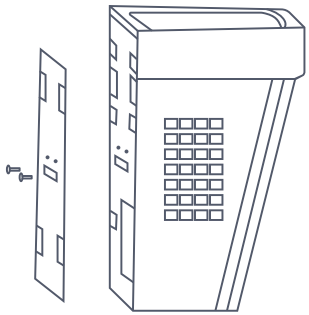
F: Water inlet

Lower the mounting 80mm for children

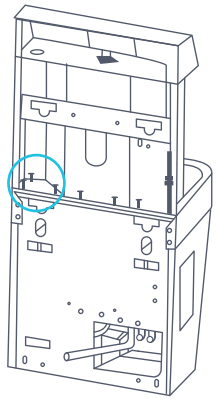
Installation

Installation

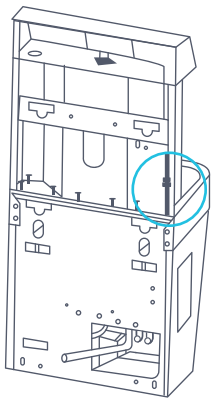
1. Take off the hanging bracket.



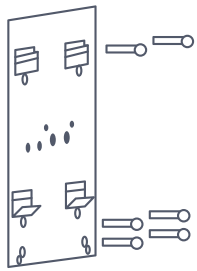
2. Fix the upper body and the main body with 8 M4 screws.



3. Connect the waterways and circuits of upper part to main cooler respectively

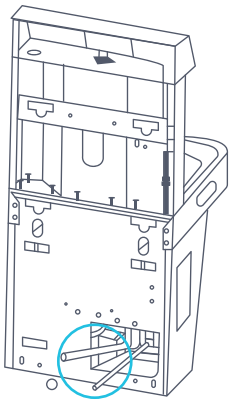


4. Mount the hanging bracket

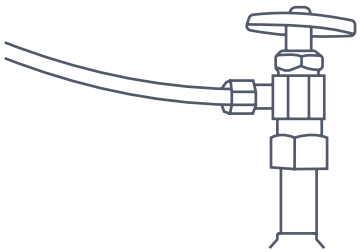


Installation

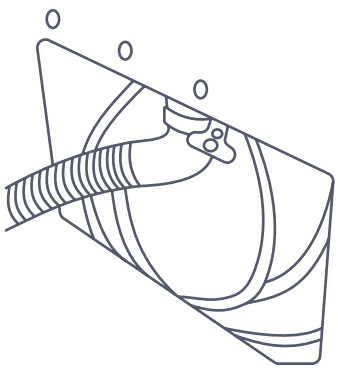
5. Connect one end of the including 3/8" tubing to the right water inlet connector on the back of the unit.



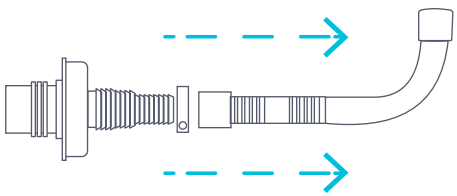
6. Connect the other end of this tubing to your water source. You may need additional adapters or connectors depending on the size of your water source connection.



7. Connect one end of the included flexible drain pipe to the drain outlet on the unit. You may use the included hose clamp to secure it.

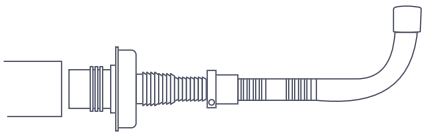


8. Connect the included drain pipe adapter to the other end of the flexible drain pipe. You may use the included hose clamp to secure it.



Installation

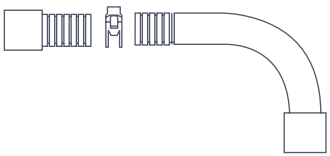
9. Press the silicone plug end of this drain pipe adapter into the drain line coming out of the wall.



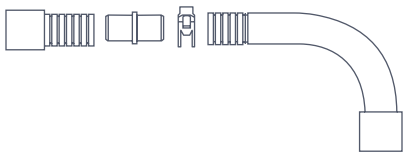
10. If the drain hose is too long, you may shorten it by cutting off the desired length from the center of the hose.



11. Once the center is cut, slide the drain hose connector clamp over one of the cut ends.

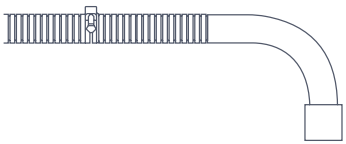


12. Then you will place the included drain hose connector into the 2 open ends where the cut was made, thereby joining the 2 halves together.

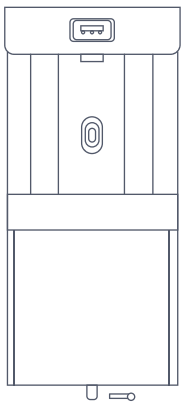


Installation

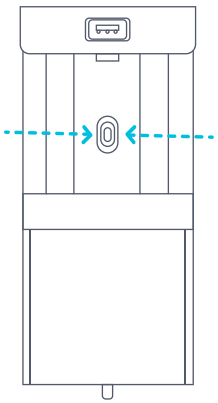
13. Once together, secure the 2 halves with the drain hose connector clamp by screwing it tightly.



14. Hang up the whole cooler on the bracket and fix the bottom with screws to prevent the cooler from sliding. Turn water supply and power on.

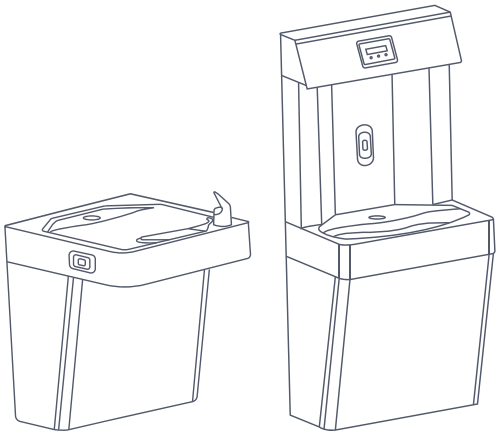


15. Touch sensing area with hand to fill water. Move away your hand after water flows out from faucet. Inspect leakage risk till the cooler work normally, then installation is complete.

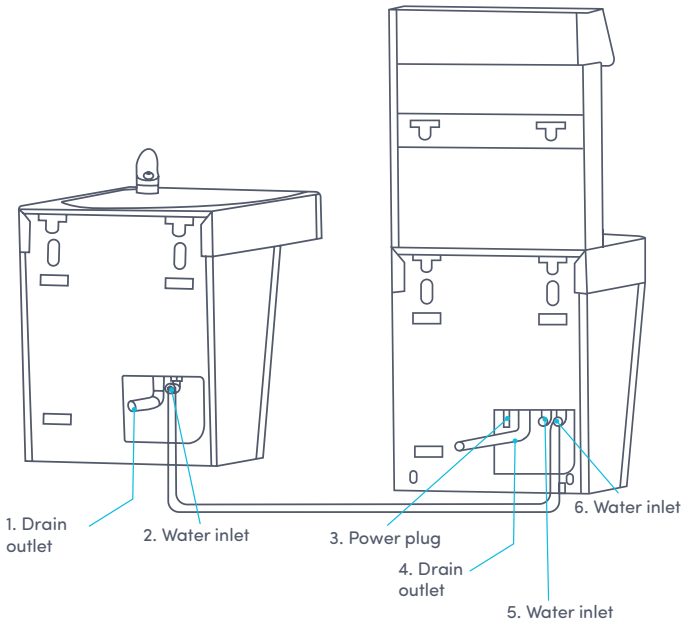


Connecting to Model A51-OFNC (Optional)

2. If installing model A51-OFNC together with this unit, connect one end of the PE tubing that is included with the unit A51-OFNC to the "Water Outlet" (part 12) of this unit. Connect the other end of the tubing to the "Water Inlet" of model A51-OFNC.

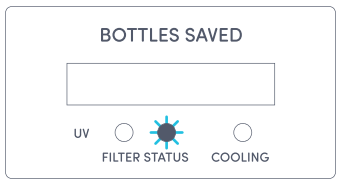


A51-OFNC A51-NF

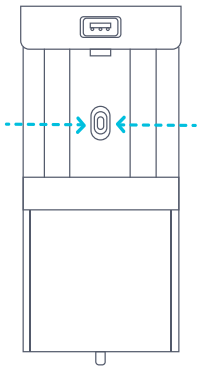


Filter Replacement

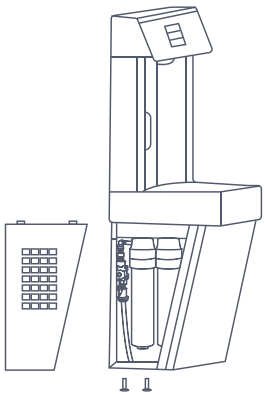
1. When lifetime of the filter is near its end, either by means of water flow (1500 gallons) or by means of 6 months time, the green filter status indicator light on the display board will turn off and the red change filter indicator light on the display board will be lit as a warning. When the filter lifetime is up, the red indicator light will blink and the machine will beep to let you know that the filter needs to be changed.



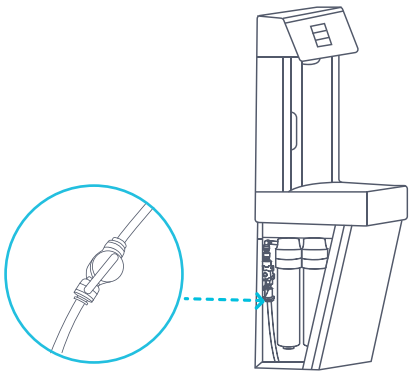
2. Shut off the water supply if its location is easily accessible. Then touch the sensor area to relieve water pressure from inside the unit. Turn off the power supply.



3. Remove the left panel (two screws at bottom) to replace the filters.

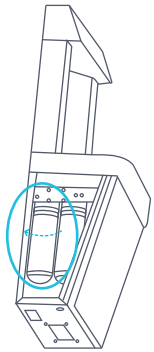


4. If the was supply shut off is not easily accessible, you can now turn off the valve to the left of the filters.

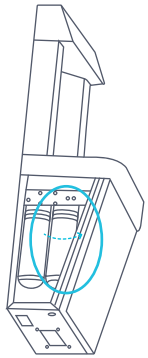


Filter Replacement

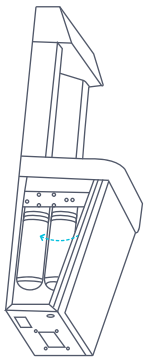
5. When replacing the filters, it is important to twist them out of their filter adapters one at a time starting with the left sediment filter. Twist the left sediment filter to remove it from its adapter inside the unit.



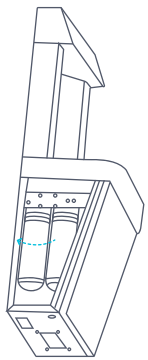
6. Once the left sediment filter is removed, twist the right carbon block filter to remove it from its adapter inside the unit.



7. Starting with the new carbon block filter, twist it into the right filter adapter by rotating it clockwise.

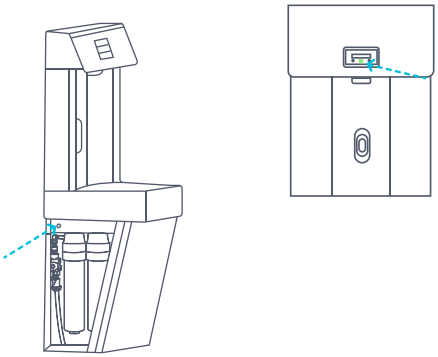


8. Once the right carbon block filter is installed, twist the new sediment filter into the left filter adapter by rotating it clockwise.

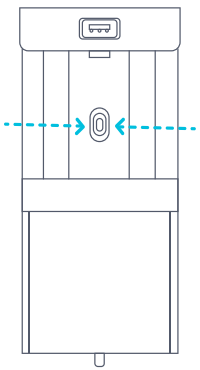


Filter Replacement (cont'd)

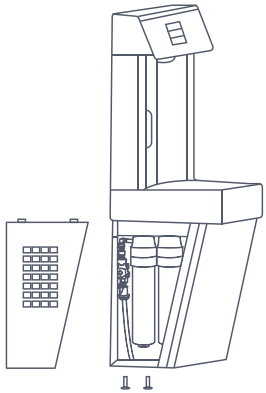
9. Plug in and turn on the water supply after filter replacement. Long press the filter reset button for 5 seconds to reset the filters. The filter indicator will turn green to show that filters have been reset.



11. Touch sensing area with hand to fill water. Move away your hand after water flows out from faucet. Inspect for any potential leakage, then installation is complete.



10. Place the left panel back on and secure it with the 2 screws.
reset.



Troubleshooting

Error Code	Trouble	Solution
/	Lack of water/ no water from outlet	Check water supply, solenoid valve, flow meter
/	Filter expired (indicator turns red)	Long press reset button for 5S after changing filter
/	UV fault/UV expired (indicator blinking)	Check and change UV lamp
/	No cold water	Check cooling system
/	Water outlet sensor keeps dispensing	Check and change the solenoid valve
/	Small water flow form outlet	Check and change the rectifier
/	LED light is not on	Check circuit lines
/	Display screen doesn't show anything	Check power supply & the circuit
/	No sensing or insensitive	Adjust distance between hand and sensor

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 (Either by dispensing 1,500 gallons or 6 months of time), the machine will stop allowing water to pass through the filters. If this happens, change the filters as soon as possible, and then reset the machine, which will allow it to function again property.

List Of Fittings

Expansion Screw	Drain Pipe	Inlet Tube 3/8	Inlet Valve	Manual	M4 Screw	Wrench	L Connector
7PCS	1.5M	1.5M	1PC	1PC	8PCS	1PC	2PCS

Drain Adapter	Hose Clamp	Drain Hose Connector	Drain Hose Connector Clamp
1PC	2PCS	1PC	1PC

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, A23, A23BLK, A24, A25, A25BLK

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.

perfect water, every time.