

OASIS® VersaFilter III, Universal Kit 041253-001
(Lead, Cyst, Particulate Class I, Chlorine, Taste and Odor)
INSTRUCTIONS TO RETROFIT OASIS COOLERS AND BOTTLE FILLERS, SUNROC COOLERS

VersaFilter III system is tested and certified by IAPMO R&T Lab and IAPMO R&T against NSF/ANSI 42 for the reduction of Chlorine, Taste and Odor and Particulate Class I; and NSF/ANSI 53 for the reduction of Cyst and Lead.

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Operating Specifications:

Max Temp: 100°F (38°C)

Flow Rate: 1.5 gpm (5.68 Lpm)

Max Pressure: 125 psi (8.6 bar)

Capacity: 4,750 gals (17,980L)

Service Life: 12 months

Sediment: Down to nominal 0.5 microns

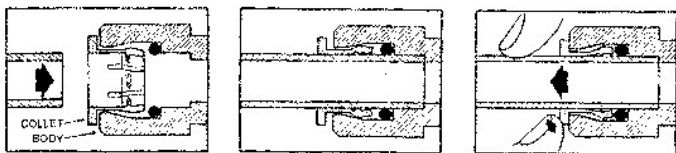
Replacement Cartridge: Part #041145-001

Filter Head: Part #041146-001

Installation Instructions

Quick-Connect Fittings

1. If you need to cut the plastic tubing, be sure to cut tube ends square and straight. Do not deform the tube (i.e., cause tube to compress its diameter so it is no longer round, or it may result in a water leak at the fitting).
2. Make sure the outer surface of the tube is clear of marks or scratches for a length equal to twice the tube diameter. This allows the "O" ring to seat properly against the tube (See figure below).
3. Avoid sharp changes in direction when routing the tubing. Sharp turns could cause the tubing to kink, which reduces its flow capacity and or stops it completely.
4. Fittings consist of two parts: a body and a collet. (See figure below).
5. To install a tube, push it through the collet until it seats firmly at the bottom of the fitting.
6. To remove a tube, push and hold the collet against the body while pulling the tube out. Pushing the tube into the body before pushing the collet in will aid in the removal of the tube.



Push tube through
Collet into Body

Tube must seat firmly
at bottom of fitting

Push Collet against
Body to release tube

SECTION A: P8AC and P8AM series - pages 2 & 3.

SECTION B: PWEBF and PWSBF with an Oasis water cooler - pages 4 through 8.

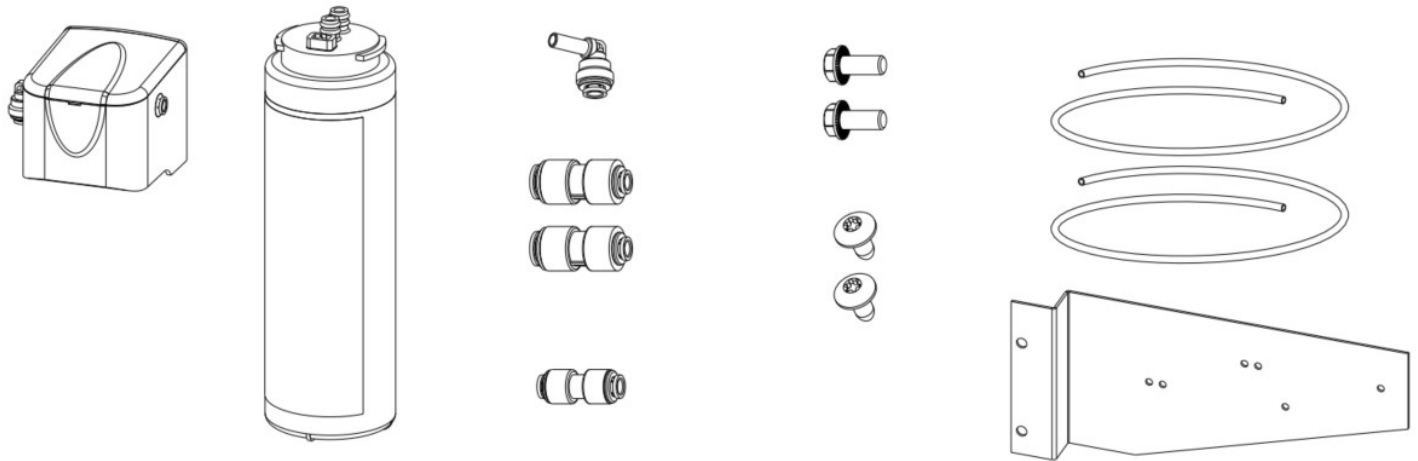
SECTION C: PWSMEBF and PWSMSBF - pages 5 through 8.

SECTION D: Radii, Modular, Fully Recessed, PCP, PLF_FA & P_FA series - page 9

SECTION E: PROPER FILTER HEAD ORIENTATION - page 9.

Installation should comply with all state and local laws and regulations.

Parts Included and Used for SECTION A: P8AC and P8AM series.



1. Versafilter III Head Assembly with one Quick-Connect Elbow Fitting

2. Versafilter III Cartridge

3. 1/4" OD Quick-Connect Elbow Fitting

4. 3/8" OD x 1/4" OD Quick-Connect Reducing Union (Qty. 2) (If applicable)

5. 1/4" OD Quick-Connect (If applicable)

6. #8 x 3/8" Long Hex Head Tapping Blunt Screw (Qty. 2)

7. #8 x 3/8" Long T15 Torx Truss Head Tapping Screw (Qty. 2)

8. 1/4" OD x 38" Long White Plastic Tubing (Qty. 2)

9. Versafilter III Mounting Bracket

10. Instructions (not shown)

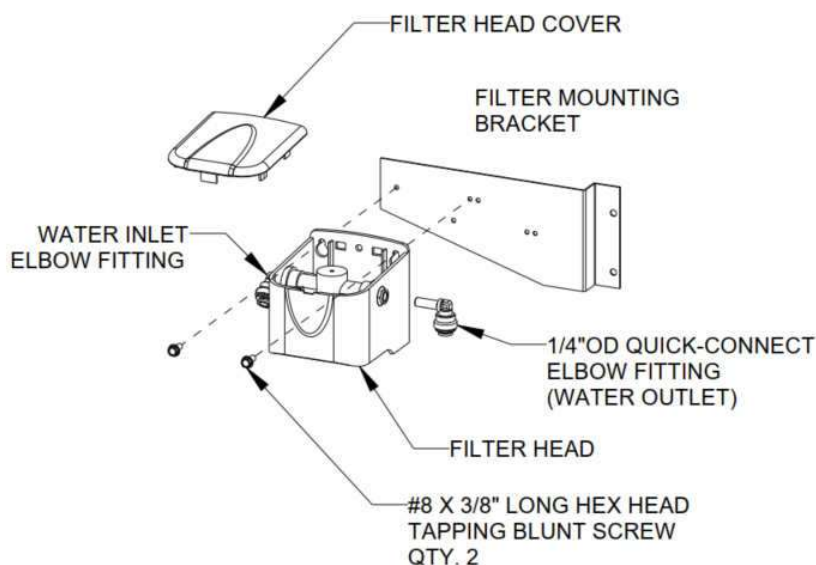
SECTION A: P8AC and P8AM series.

1. Remove front and left side panels (when facing the front of the unit). In case of a split-level model, the filter will be placed in the non-cooling unit (left unit). Save screws.
2. Turn off the water supply to cooler.
3. Actuate bubbler valve to relieve water pressure in tubing.
4. Disconnect the water supply line from the inlet valve.
5. Disconnect the power cord from the power supply outlet.
6. Assemble Versafilter III Filter Head to Filter Mounting Bracket with two screws provided. Insert 1/4" OD elbow fitting in water outlet of the Filter Head. **See Diagram 1.**
7. Install Filter Head and Bracket Assembly to unit. There will already be two holes in the frame that line up with the holes in the bracket. Align these holes and attach them with two T15 Torx Truss Head Screws. **See Diagram 2.**
8. Cut existing water inlet line (or water supply extension tube in case of the split level) with a small tubing cutter. Cut should be made on a straight section of the inlet/extension line.
9. Deburr both the ID and OD on the side of the line still attached to the tank. Failure to deburr the tube after the cut has been made, may cause damage to the O-rings inside the reducing union, resulting in a water leak.
10. Take the cut end of the existing water inlet line that is connected to the building supply line and connect it to the elbow fitting on the inlet side of the filter head assembly – this is the side closest to the front of the unit. If necessary, use the supplied 1/4" OD plastic tubing and

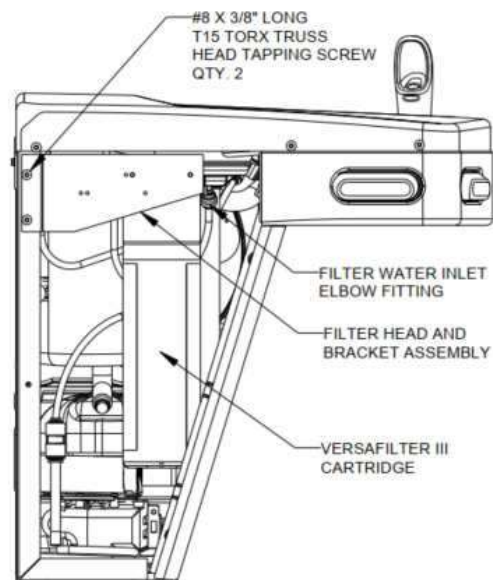
applicable quick connect fittings. Be sure to properly seat the tube into the fitting, or leaks may occur.

11. Connect the other end of the cut water line to the elbow fitting on the outlet of the filter head assembly. If necessary, use the supplied $\frac{1}{4}$ " OD plastic tubing and applicable quick connect fittings. Be sure to properly seat the tube into the fitting, or leaks may occur.
12. Remove plug from "DRAIN/REMOTE COLD WATER" port and place container under it to catch water.
13. Install filter cartridge and flush filter as outlined below:
 - a. Turn on the water supply to cooler. The filter head has an auto shut-off valve and will stop water flowing to the rest of unit.
 - b. Install filter by removing cap on top and inserting filter into head. The bracket and the head that is mounted may not be clearly visible from the unit. Follow the water inlet line to locate it.
 - c. Rotate filter one quarter turn clockwise to engage locking lugs and to turn on the water.
 - d. Flush filter for about one minute into container until water is clear.
 - e. Rotate filter counterclockwise to shut off water flow.
14. Replace plug on the "DRAIN/REMOTE COLD WATER" port, or complete water connection using that port.
15. Retighten filter when you are ready for water to flow into system.
16. Plug-in water cooler power cord in power supply outlet.
17. Actuate bubbler valve on the water cooler to remove air bubbles in the water lines. Check for leaks.
18. Prior to replacing the removed panel(s), tuck the flexible tubing out of the way to avoid damaging it.
19. Replacement cartridges should be obtained by contacting an Oasis distributor.

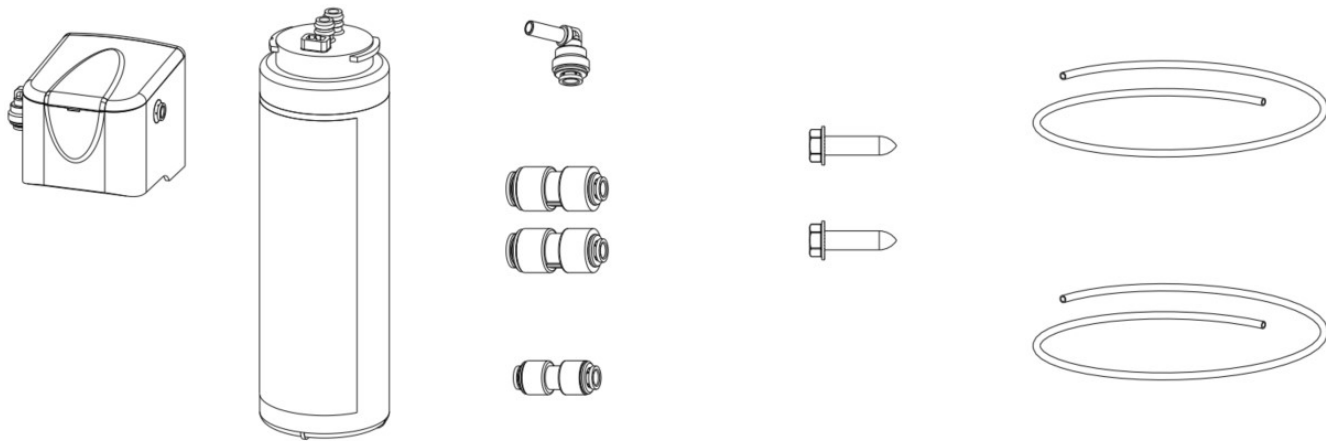
**Filter Head and Bracket Assembly
(Diagram 1)**



**Installed Filter Head Assembly and
Versafilter III Cartridge
(Diagram 2)**



Parts Included and Used for SECTION B, C & D:



1. Versafilter III Head Assembly with one Quick-Connect Elbow Fitting

2. Versafilter III Cartridge

3. 1/4" OD Quick-Connect Elbow Fitting

4. 3/8" OD x 1/4" OD Quick-Connect Reducing Union (Qty. 2)

5. 1/4" OD Quick-Connect Union Fitting

6. #8 x 5/8" Long Hex Head Self-Drilling Screw (Qty. 2) – For Bottle Filler Installation

7. 1/4" OD x 38" Long White Plastic Tubing (Qty. 2)

8. Instructions (not shown)

SECTION B: For models PWEBF and PWSBF with an Oasis water cooler

1. Water Cooler

- 1.1. Remove the water cooler front access panel and the left side panel. Save screws.
- 1.2. Turn off water supply to cooler.
- 1.3. Actuate bubbler valve on the cooler and actuate the bottle filler sensor on hands-free model to relieve water pressure in the tubing.
- 1.4. Disconnect water cooler and bottle filler power cords from the power supply outlet.

2. Bottle Filler

- 2.1. **For bottle fillers built 2019 and after**, remove two (2) T15 drive Torx head screws securing Bottle Filler Cabinet to Frame (one each side of the bottle filler cabinet). Tip the Bottle Filler Cabinet forward on the Water Cooler. Attach the Tether to hold Bottle Filler in place while performing **Step 2.3 below**.
- 2.2. **For bottle fillers built prior 2019 (referenced as "OLDER FRAME")**, remove the two (2) T15 Torx head screws securing top panel to the bottle filler and remove top. Remove four (4) T15 drive Torx head screws securing the Bottle Filler Cabinet to Frame.
- 2.3. **Hands-Free Bottle Filler:** Carefully disconnect the water tube from the quick-connect inlet fitting of solenoid valve and disconnect the power cord if applicable from the power supply located inside bottle filler cabinet. Disconnect the Tether if applicable from the frame and set the cabinet assembly aside. See **"Quick-Connecting Fittings"** instructions above for making quick-connect fitting connections.
- 2.4. **Mechanical Bottle Filler:** Carefully disconnect the water tube from the inlet quick-connect elbow fitting on the cartridge valve noted as "IN" and set cabinet assembly aside. See **"Quick-Connecting Fittings"** instructions above for making quick-connect fitting connections.

3. Installing Versafilter III Filter Head to Bottle Filler Frame

- 3.1. Remove top cover of the Versafilter III Filter Head and set aside. Install Filter Head to location shown in **Diagrams 1 & 2**. Secure with two (2) #8 Self-Drilling Hex Head Screws provided. For older frames **See Diagrams 1 & 2 OLDER FRAME**.
- 3.2. Assemble one (1) quick-connect Elbow Fitting provided to the outlet (left side) of the Filter Head shown in **Diagram 2**. The quick-connect Elbow Fitting on the inlet (left side) is pre-installed. Re-install Filter Head Cover.
- 4. Installing the Versafilter III Filter Cartridge to Filter Head**
 - 4.1. Install Filter Cartridge per the directions noted on the filter cartridge. Replacement cartridges should be obtained by contacting an Oasis distributor.
- 5. Bottle Filler & Water Cooler**
 - 5.1. Remove the white ¼" OD tube connected at the 3/8" OD x ¼" OD quick-connect reducing union fitting at the cooler water supply shut-off valve and at the quick-connect elbow fitting on the left side (inlet) of the insulated cooling tank and discard.
 - 5.2. Insert one white ¼" OD x 38" Long Plastic Tube provided into the Filter Head **INLET** (left side) quick-connect Elbow Fitting. Feed tube through hole in frame and hole in water cooler top. Insert the other end of the Tube into the 3/8" OD x ¼" OD quick-connect reducing union fitting at water supply shut-off valve.
- 6. Flushing the Versafilter III Filter Cartridge**
 - 6.1. Insert second white ¼" OD x 38" long plastic tube provided into the Filter Head **OUTLET** (right side) quick-connect elbow fitting.
 - 6.2. Route the other end of the tube to the Water Cooler **DRAIN**.
 - 6.3. Turn on water supply to Water Cooler. Check for leaks. Run water at a minimum for 2 minutes and until water is clear. **Turn off water supply. Flushing is complete.**
 - 6.4. Now feed the tube at the Filter Head **OUTLET** (right side) through hole in Bottle Filler Frame and the hole in the Water Cooler top. Insert the other end of the tube into the quick-connect Elbow Fitting on the left side (inlet) of the insulated cooling tank.
- 7. Bottle Filler**
 - 7.1. Return bottle filler cabinet assembly to the gasket on the Water Cooler Top near the Bottle Filler Frame, angling it and reattaching the tether to the bottle filler frame if applicable. Re-connect the water tube and power supply cord disconnected in **Step 2.3 or 2.4**. Tip the bottle filler cabinet back into place against frame.
- 8. Water Cooler & Bottle Filler**
 - 8.1. Turn on water supply to cooler. Plug-in water cooler and bottle filler power cords in power supply outlet.
 - 8.2. Actuate bubbler valve on the cooler and actuate the bottle filler sensor on hands-free model or bottle filler pushbutton on mechanical model to remove air bubbles in water lines. Check for leaks.
- 9. Bottle Filler**
 - 9.1. Re-install bottle filler cabinet assembly to frame with the two (2) T15 Torx screws removed in **Step 2.1** and six (6) T15 Torx screws removed in **Step 2.2**.
- 10. Water Cooler**
 - 10.1. Replace the removed panel(s) on the Water Cooler using screws saved in **Step 1.1**.

SECTION C: For models PWSMEBF and PWSMSBF

- 1. Turn off water supply to bottle filler.**
 - 1.1. Actuate the bottle filler sensor on hands-free model or push button on mechanical model to relieve water pressure in the tubing.
- 2. See Section B, Step 2.** Removing Torx screws.
- 3. See Section B, Step 3.** Installing Versafilter III Filter Head to Bottle Filler Frame.
- 4. See Section B, Step 4.** Installing Versafilter III Filter Cartridge to Filter Head.
- 5. Bottle Filler**

- 5.1. Remove the white ¼" OD tube connected at the 3/8" OD x ¼" OD quick-connect reducing union fitting at the bottle filler water supply shut-off valve and discard.
- 5.2. Insert one (1) white ¼" OD x Long Plastic Tube provided into the Filter Head **INLET** (left side) quick-connect elbow fitting. Feed tube through hole in frame. Insert other end of the tube into the 3/8" OD x ¼" OD quick-connect reducing union fitting at water supply shut-off valve.
6. **Flushing the Versafilter III Filter Cartridge.**
 - 6.1. Insert second white tube ¼" OD long plastic tube provided into the Filter Head **OUTLET** (right side) quick-connect elbow fitting. Place the other end of tube into an overflow container.
 - 6.2. Run water at a minimum for 2 minutes and until water is clear.
 - 6.3. **Turn off water supply.** Flushing is complete.
7. **Hands-Free Bottle Filler:** Place bottle filler cabinet assembly near bottle filler frame, insert the other end from Step 6.1 into the quick-connect inlet of solenoid valve and re-connect the power cord to the power supply located inside bottle filler cabinet.
8. **Mechanical Bottle Filler:** Place bottle filler cabinet assembly near bottle filler frame, insert the other end from **Step 6.1** into the quick-connect elbow fitting on the inlet of the cartridge valve noted "IN". It will be necessary to cut excess tubing before making the connection.
9. **Turn on water supply to cooler.** Plug-in bottle filler power cord if it was disconnected. Re-connect trap to drain tailpiece. Check for leaks.
10. **Bottle Filler:** Re-install bottle filler cabinet assembly to frame with the two (2) T15 Torx screws removed in **Section A, Step 2.1** and six (6) T15 Torx screws removed in **Section A, Step 2.2.**
11. Actuate bottle filler sensor on hands-free model or push button on mechanical model to remove air from water lines. Check for leaks.

Models Built 2019 and After

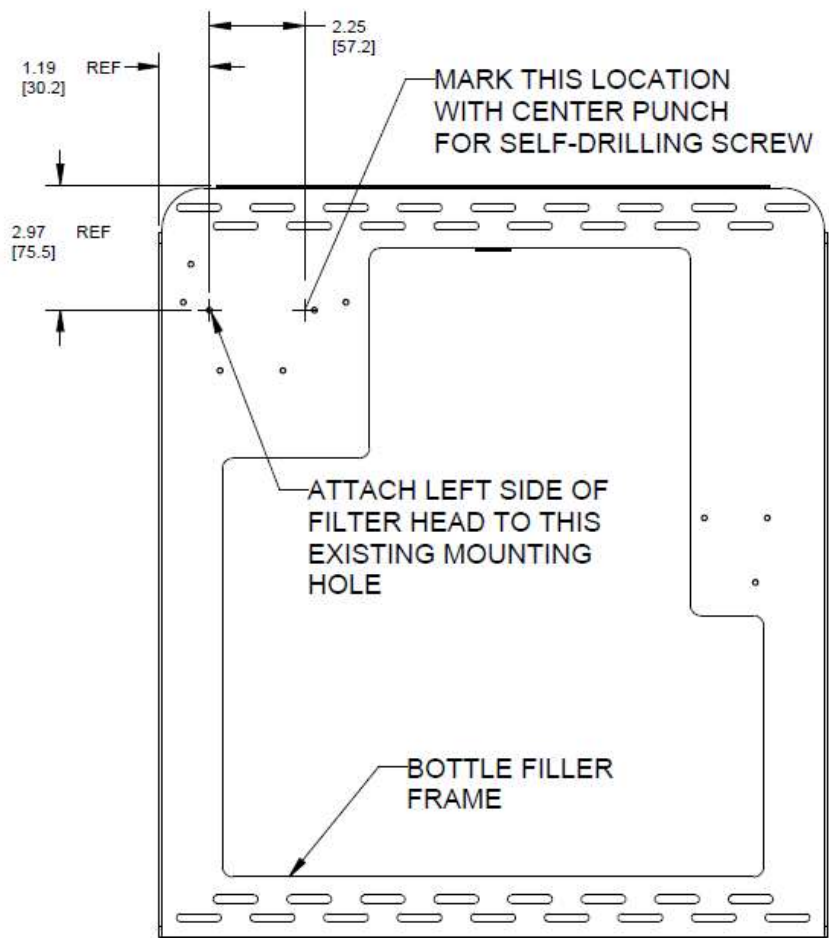


DIAGRAM 1
STEP B3.1

SEE NEXT PAGE FOR
OLDER FRAME

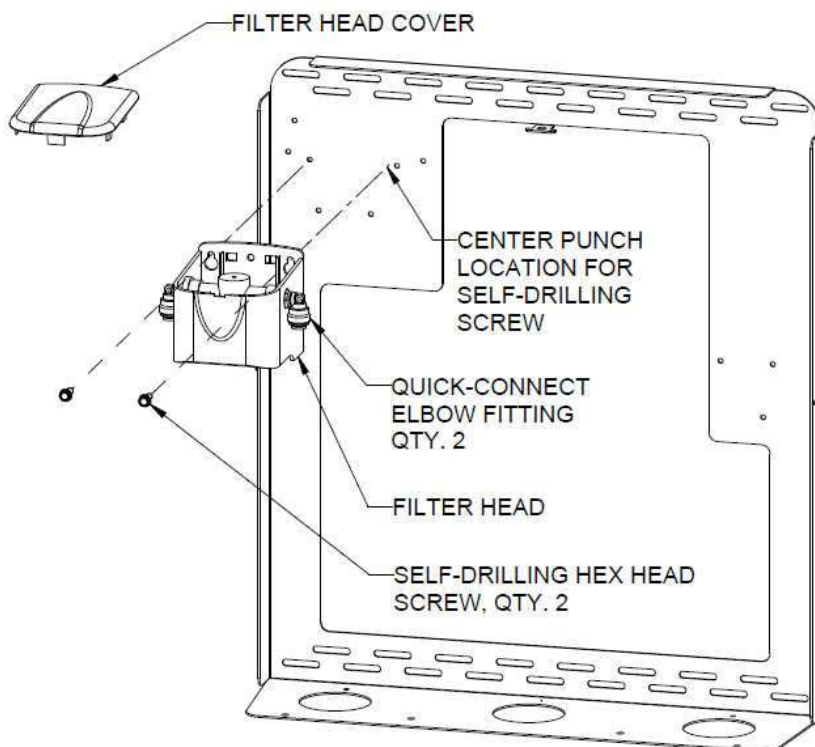


DIAGRAM 2
STEP B3.1 & B3.2

Models Built Before 2019 – (OLDER FRAME)

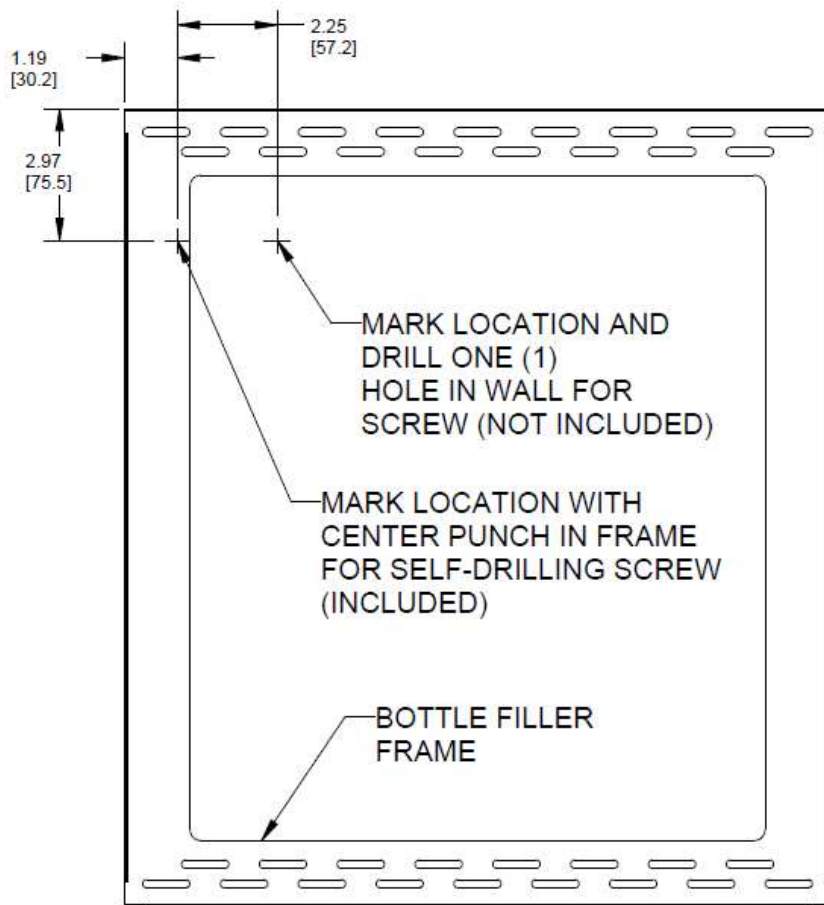
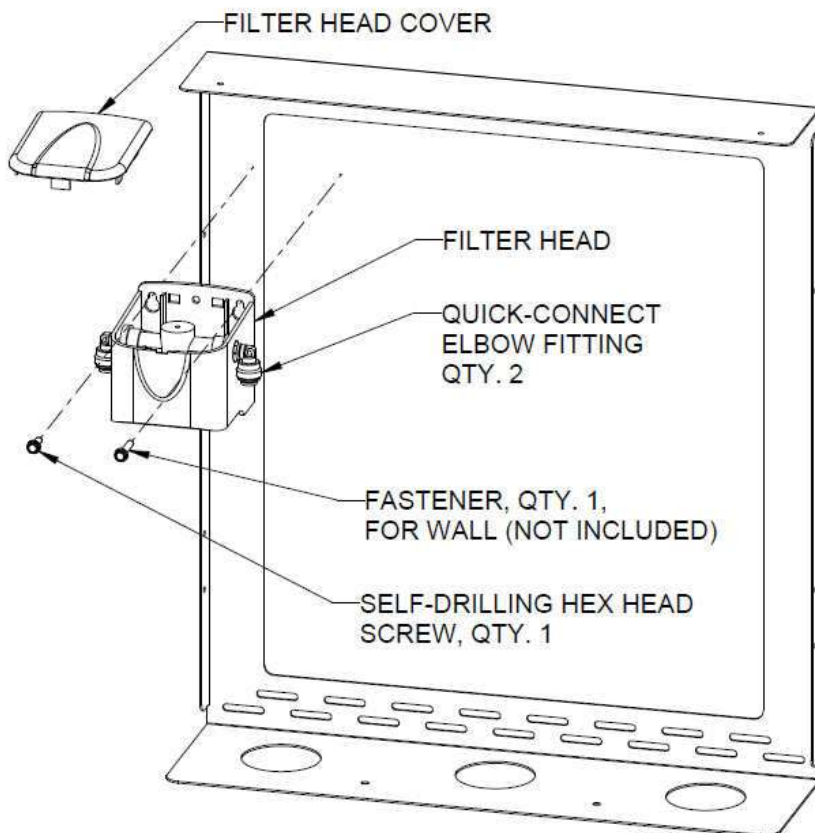


DIAGRAM 1
STEP B3.1



SECURE FILTER HEAD ASSEMBLY AT THE LOCATION SHOWN IN FRAME WITH ONE (1) #8 SCREW PROVIDED AND ONE (1) FASTENER IN WALL NOT PROVIDED

DIAGRAM 1
STEP B3.1 & B3.2

SECTION D: For Radii, Modular, Fully Recessed, PCP, PLF FA & P FA series

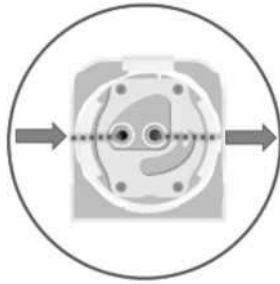
This filter kit will also retrofit into the following models:

Model	Location To Install:
RADII SERIES	Above the chiller, if applicable.
MODULAR SERIES	Above the chiller, if applicable.
FULLY RECESSED PLF8(FPM)(WFPM)(WEE)	Above the chiller, if applicable.
PCP SERIES (except hot models)	On back panel below the drain line
PLF_FA & P_FA SERIES (except hot models)	On top of the cooling tank shelf.

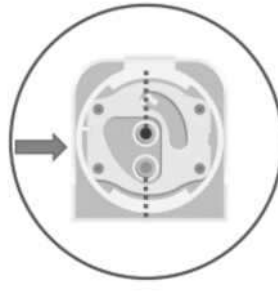
SECTION E: PROPER FILTER HEAD ORIENTATION



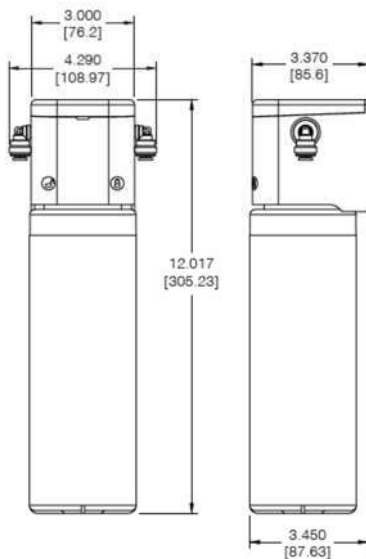
When the Versafilter III is inserted in the filter head and given a 1/4 turn, the filter will lock into place and opens the waterway to allow flow into and out of the filter



When in the "ON" position. The fittings of the filter head will line up with the filter inlet and outlet



When in the "OFF" position the water inlet is blocked by the filter head.



FILTER DIMENSIONS



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VersaFilter III Performance Data Sheet

VersaFilter III						
Model	Flowrate		Capacity		NSF/ANSI 42 Chlorine, Taste & Odor; Particulate, Class 1?	NSF/ANSI 53 Cyst & Lead Reduction?
	(gpm)	(lpm)	(gallons)	(liters)		
VersaFilter III	1.50	5.68	4,750	17,980	Yes	Yes
						041145-001

- **Maximum Temperature:** 100°F (38°C)
- **Maximum Operating Pressure:** 125 psi (862 kPa)

This system has been tested according to NSF/ANSI 42 and 53 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42 and 53 and verified and substantiated by test data.

Substance	Average Influent	NSF/ANSI Influent Challenge Concentration	Percent Reduction Requirement/ Maximum Permissible Product Water Concentration	Average % Reduction	Average Product Water Concentration
NSF/ANSI 42 - Aesthetic Effects					
Chlorine	2.01 mg/L	2.0 mg/L $\pm$ 10%	$\geq$ 50%	$\geq$ 94.8%	0.103 mg/L
Particulate, Class 1 particles 0.5 to < 1 μ m	3,666,667 particles/ mL	At least 10,000 particles/mL	$\geq$ 85%	99.2%	28,017 particles/ml
NSF/ANSI 53 – Health Effects					
Cyst	71,500/L	Minimum 50,000/L	> 99.95%	99.99%	4.88/L
Lead pH 6.5	0.151 mg/L	0.15 mg/L $\pm$ 10% mg/L	0.005 mg/L	>99.6%	0.0005 mg/L
Lead pH 8.5	0.16 mg/L	0.15 mg/L $\pm$ 10% mg/L	0.005 mg/L	>99.2%	0.0012 mg/L

The unit should be installed in an area not affected by extreme heat, cold or the elements. This system must be installed in accordance with all applicable state and local laws and regulations.

Not all water will contain contaminants listed. Testing performed under standard laboratory conditions; actual performance may vary.

Filter usage must comply with all state and local laws. Filter is only to be used with cold water.

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. See installation guide for general installation conditions and needs as well as manufacturer's limited warranty.

Chemical and Mechanical Filtration Unit

VersaFilter III by OASIS International
222 E. Campus View Blvd. Columbus, OH 43235
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www.oasiscoolers.com



VERSAFILTER III system tested and certified by IAPMO R&T Lab and IAPMO R&T against NSF/ANSI 42 for the reduction of Chlorine, Taste and Odor and Particulate Class I; NSF/ANSI 53 for the reduction of Cyst and Lead; as verified and substantiated by test data.