OASIS® Water Coolers

OASIS INTERNATIONAL

VERSAFILLER®

Model PWEBF (retro fit) and P*EBF Family of Drinking Fountains/VersaFiller combo

Installation Instructions

The Hands-Free VersaFiller is an extension of the Aqua Pointe® product line that mounts directly above Versacooler® I and II products. If the cooler outlet does not have two useable plugs, an outlet splitter will need to be used.

If installed onto a refrigerated cooler, chilled water can be dispensed through the VersaFiller. Otherwise, room temperature water will be dispensed.

The VersaFiller is shipped partially assembled.

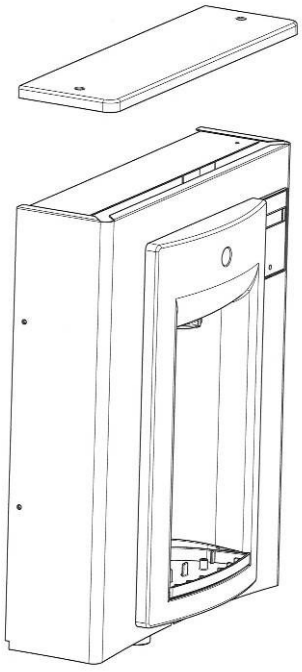
On the combo units, the cooler is plumbed and ready to attach to the VersaFiller.

When completed, the finished assembly will look like this:

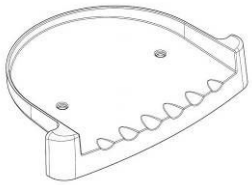
Section 1: Getting Started

What's Included:

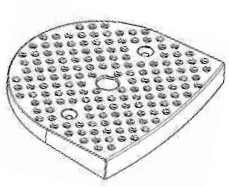
(Top cap)



VersaFiller Hands-Free Sports Bottle Filler- (with wrapper, alcove and top cap installed onto the frame)



Drip tray

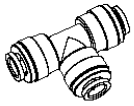


Anti splash grate

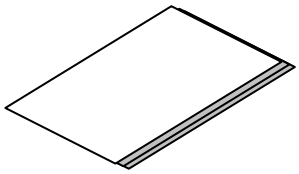
Gasket

Anti Splash grate screws (2)

Quick connect tee fitting *(only required on split level units)*



38" of ¼ OD plastic tubing with 19" of sponge tubing insulation *(included with "Versafiller ready" coolers)*



Installation instructions

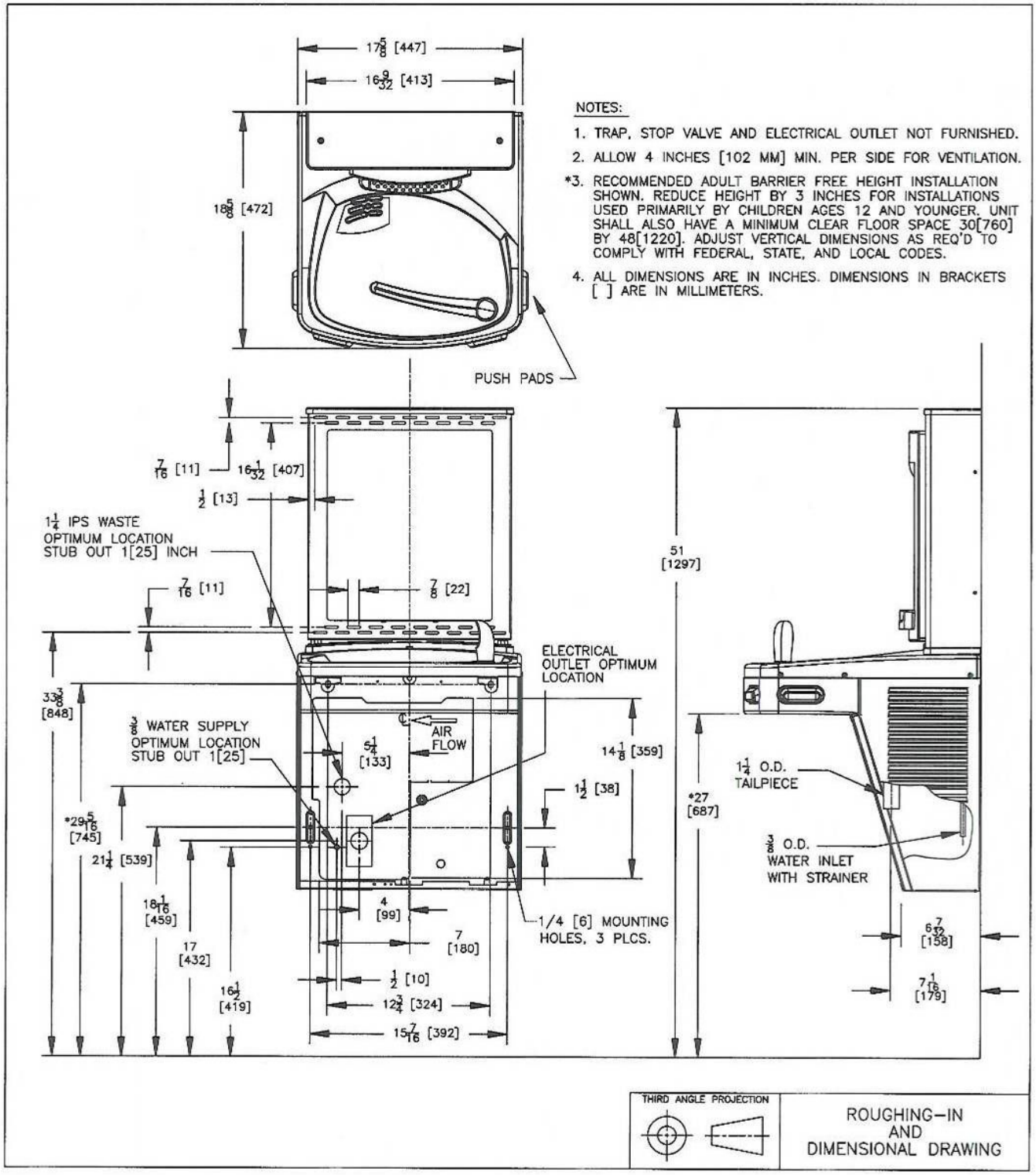
Snap bushing

Tools required:

- 3/8" pilot drill and either a step drill bit up to 7/8" diameter that will drill through SS top or 7/8" diameter punch die (retrofit version only)
- Electric drill; wrench for punch die
- Small tubing cutter for copper tube
- 1/4" nut driver
- # 2 Phillips screw driver
- #15 torx bit driver

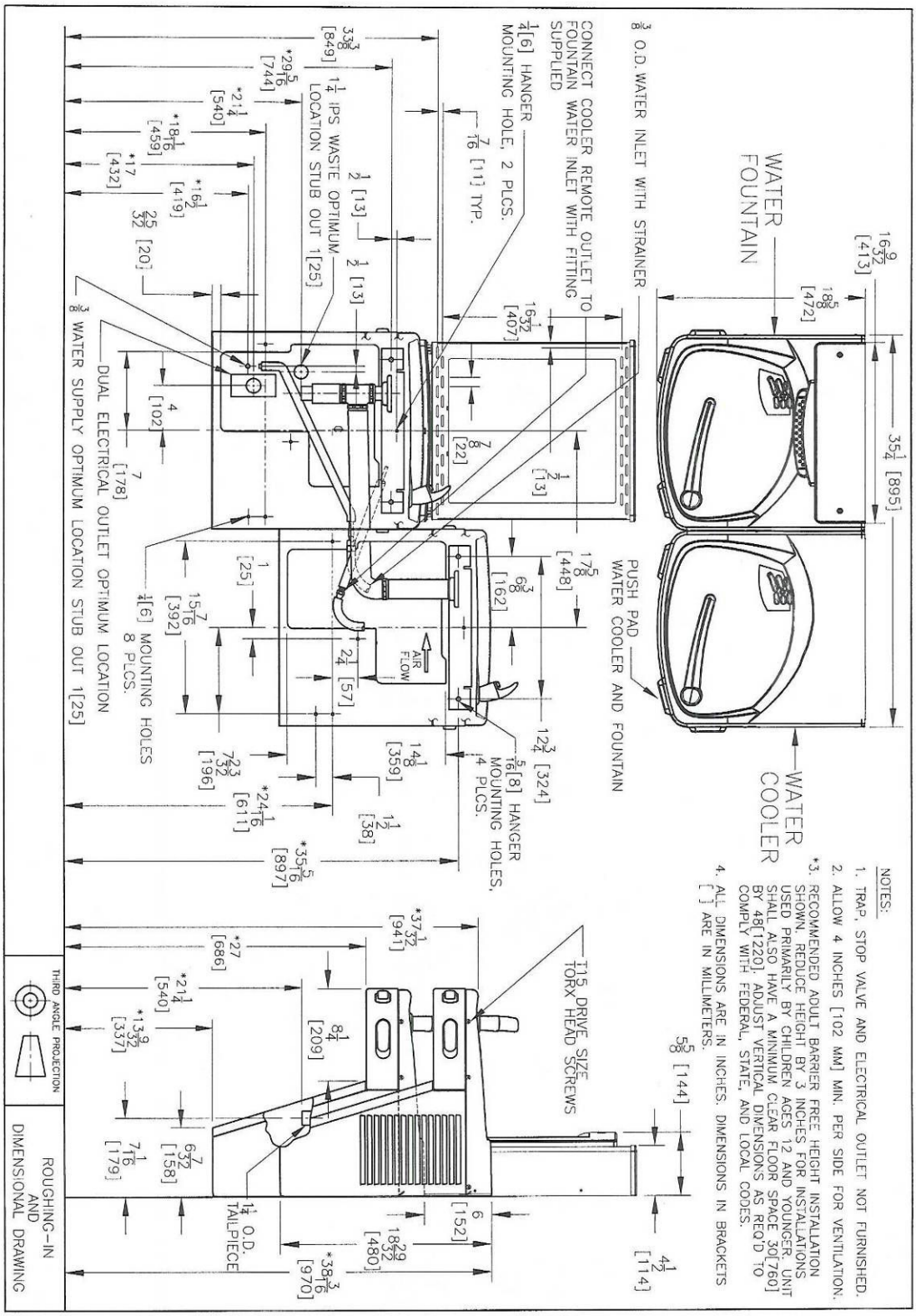
Section 2: Rough In Drawing

Oasis PWEBF: Versacooler® II Models PAC, P8AC with Hands-Free VersaFiller



Section 2: Rough In Drawing

Oasis PWEBF: Versacooler® II Split Level Models with Hands-Free VersaFiller



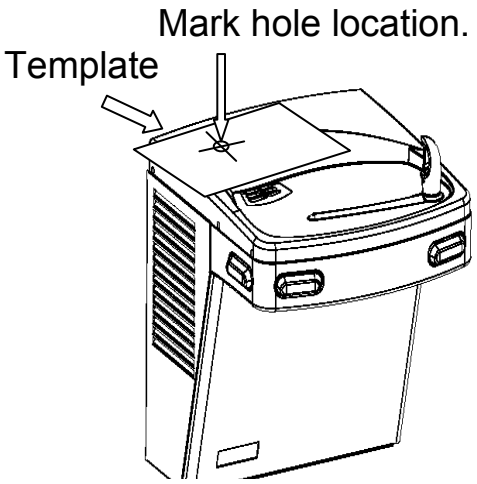
* On split level models, the VersaFiller must be mounted on the low unit in order to meet ADA guidelines.

Section 3: Installation

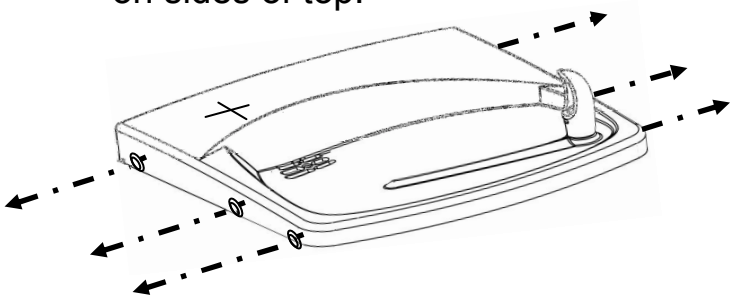
Note: Proceed to Sect 3B Step 5 if the cooler is purchased "VersaFiller ready".

A: Drilling hole in the top for water line connection.

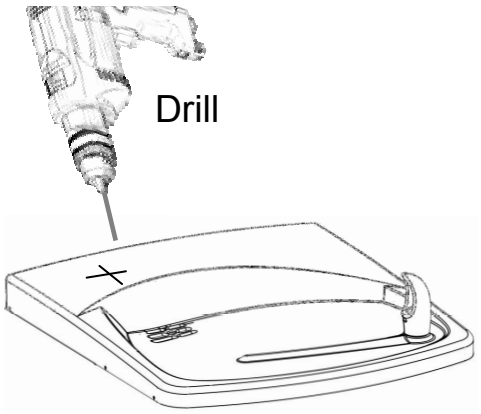
1. Disconnect power by UNPLUGGING unit. It might be necessary to remove the front panel to get access to the power.
2. Turn OFF water supply to the unit. It might be necessary to remove the front panel to access the water stop valve.
3. Place hole template onto cooler top so it is aligned with the left side of unit and wall. SEE NEXT PAGE FOR TEMPLATE
4. Mark hole location
5. Remove top from unit.

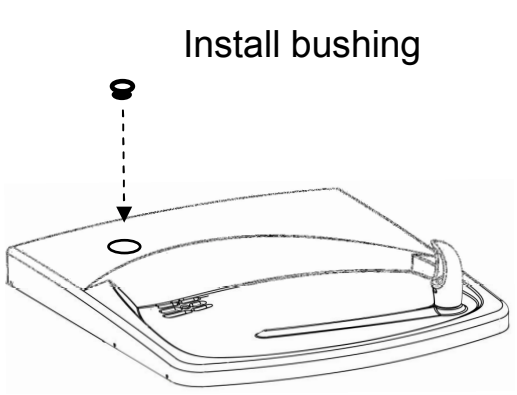


Remove top from cooler by removing six #15 torx head screws on sides of top.

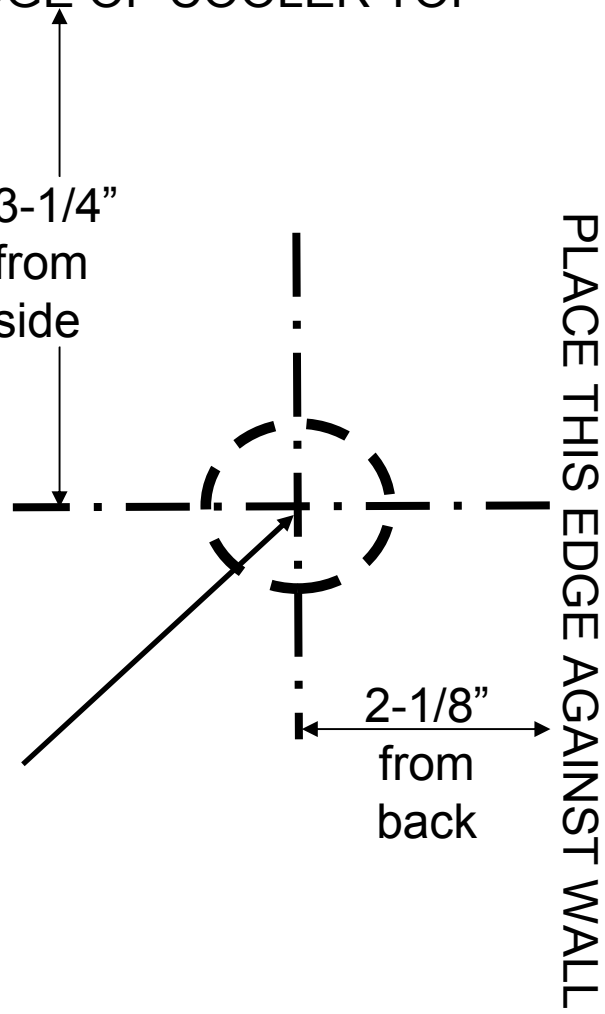


6. Using a step drill bit or 7/8" punch die, make a 7/8" hole through top. You may want to drill a pilot hole to get these started.
7. Install snap bushing into hole to protect tubing from being cut.





ALIGN THIS EDGE WITH LEFT EDGE OF COOLER TOP



Mark this center point on the top. Remove the top from the cooler. Then create a 7/8” diameter hole through the top at the marked center point (step drill bit or punch die).

USE THIS TEMPLATE TO MARK THE HOLE LOCATION ON COOLER TOP

B: Connecting the water line

Note: If you are retrofitting the Versafiller to an existing cooler, follow the instructions starting on the next page.

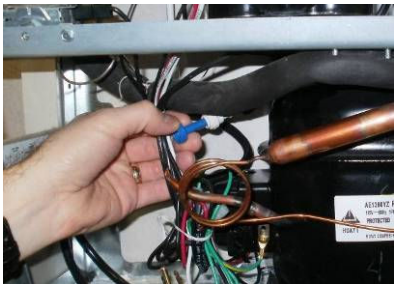
For the <u>single</u> “Versafiller ready” cooler, the tube to connect to the Versafiller is found inside the access panel (the compressor compartment). This tube supplies cold water from the cooling tank to the Versafiller.

¼” OD tube to connect to Versafiller

For <u>split level</u> “Versafiller ready” coolers, the tube to plumb in the Versafiller is packaged in the dummy unit.

Remove tube from bag.

First, remove plug from fitting on tank drain

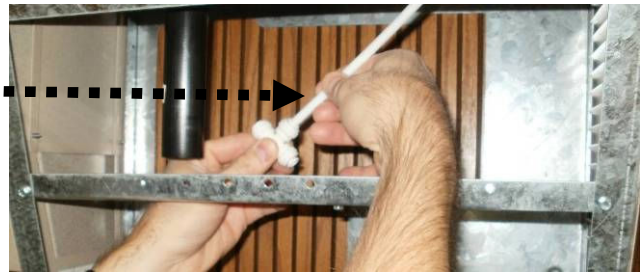


Next, insert end of tube into fitting.

The tee and tube to the Versafiller are packaged with the PWEBF unit. One branch of the tee will supply the valve on the dummy unit, the other branch of the tee will connect to the Versafiller.

If a filter is being installed, cut a piece of tubing about 3” long to insert flow switch right after filter and before tee. This allows Versafiller counter to accurately calculate amount of water passing through filter.

Tube to connect valve on dummy unit



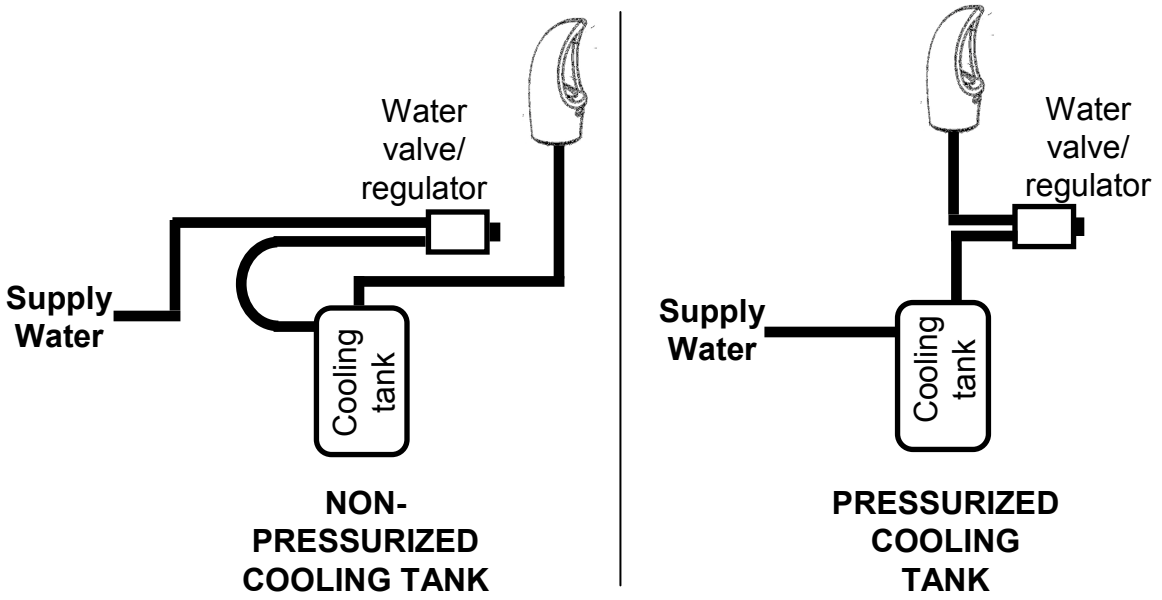
Tube to connect Versafiller

Tube to connect chilled water to dummy unit and Versafiller

Go to Step 5 “Final steps for both product families:”

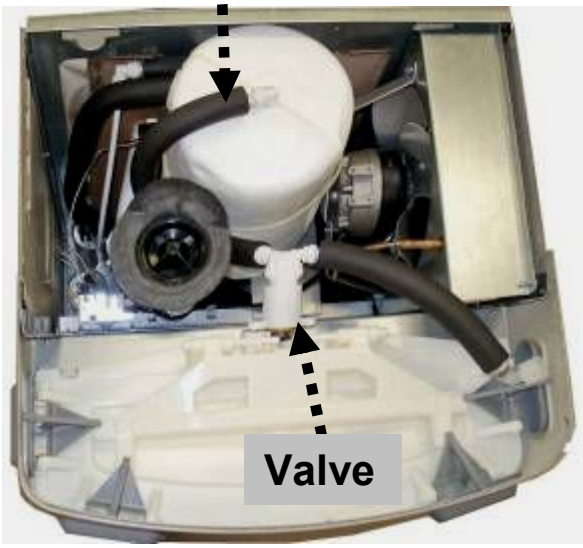
To retrofit the Versafiller to an existing unit, follow the instructions below:

If the cooling tank is non-pressurized, then go to the "Pressurizing the cooling tank" addendum section. Otherwise, proceed to step 1 below. Non-pressurized units are <u>single</u> units made since December of 2009. Refer to the schematic below to identify the system that you have.



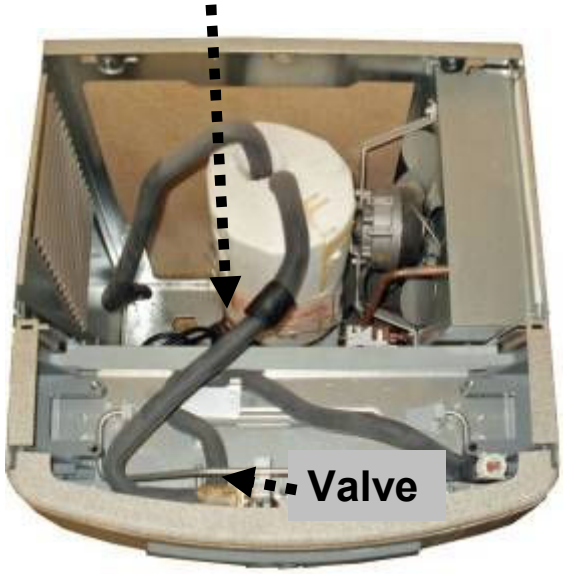
1. With the cooler top removed, find the tube going from the cooling tank outlet to the valve. The TEE fitting (supplied) will need to connect between the cooling tank and valve.

Outlet Tube (insulated plastic)



P8AC family

Outlet Tube (insulated copper)

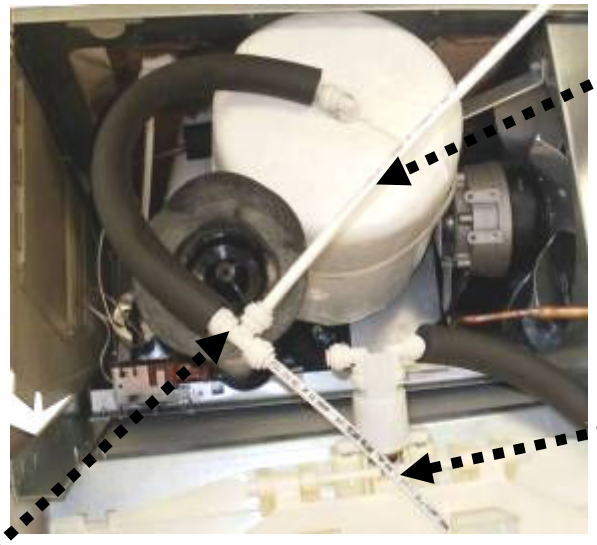


P8AM family

Section 3: Installation: **For the P8AC Version: Versacooler II**

2. Disconnect tubing from the elbow on the valve.

3. Using the 38” piece of tubing provided, cut 6” and install it on the end of the TEE. Install the remaining tubing onto the branch of the TEE. Connect the other end of the TEE to the tank outlet tubing (tube that was disconnected from the elbow).



4. Route the TEE and tubing under the waste drain and connect the 6” length to the water valve elbow.

Go to Step 5 “Final steps for both product families:”

Section 3: Installation: **For the P8AM Version: Versacooler I**

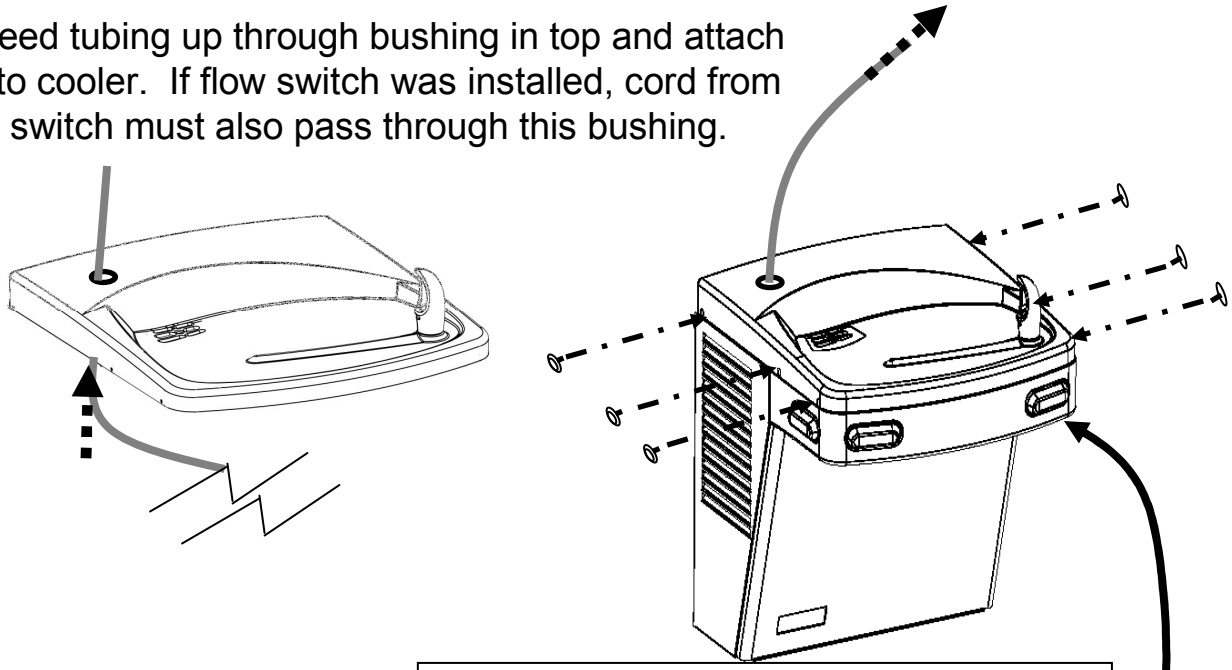
2. Remove tar tape from the insulation on the outlet tube.

3. Pull back insulation and cut the copper tube with a tubing cutter. Cut where there is at least 1 inch of *straight* tubing on each side of the cut.

4. Install TEE fitting by connecting the copper tubing to each end. Then install the 32” piece of plastic tubing to the TEE branch.

Section 3: Installation: **Final steps for both product families:**

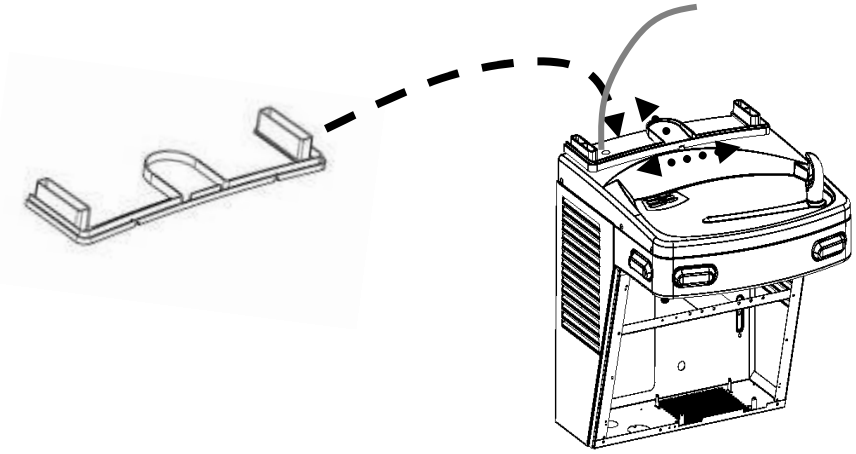
5. Feed tubing up through bushing in top and attach top to cooler. If flow switch was installed, cord from flow switch must also pass through this bushing.



TIP: For the P8AM, it is easier to connect the outlet tube to the bubbler if the front nose is removed.

C: Mounting the frame to the wall

1. Place rubber gasket on top of the cooler so it is centered left/right and against the wall.

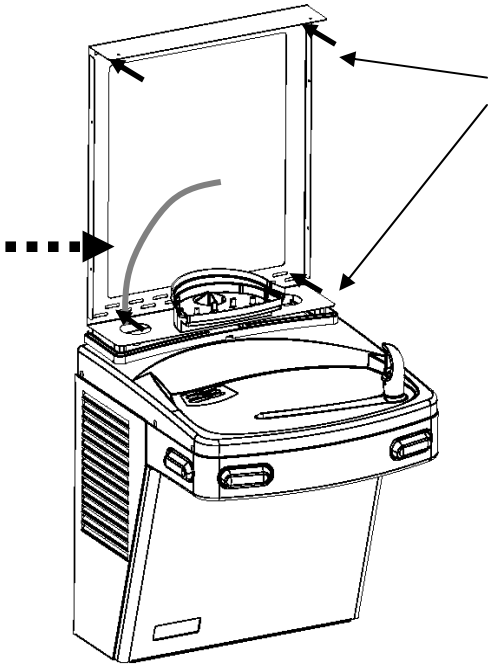


Section 3: Installation

2. Set the wall frame onto the gasket. Center it left/right and push it against the wall and mark hole locations for wall fasteners. The gasket will set the frame at the proper height.

Use mounting slots that will provide the proper securing location.

Make sure to pull the plastic tubing and flow switch wire (if applicable) up through the hole in the frame.



3. Secure frame to the wall with fasteners (not provided). Pull plastic tubing up through the hole in the frame.

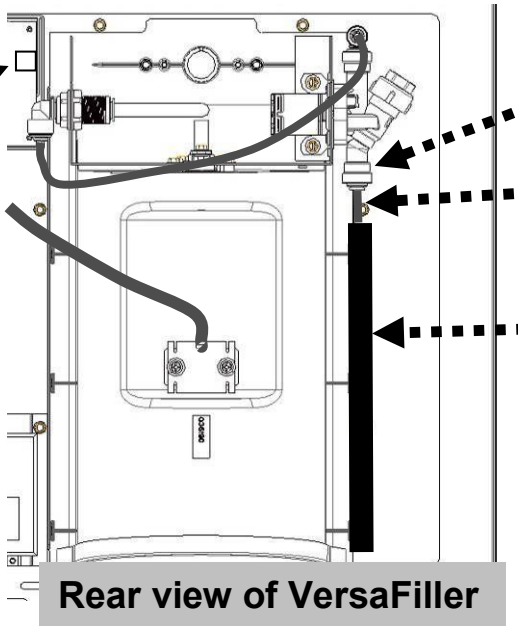
4. Slide sponge tubing insulation over water line. Connect the tubing to the INLET of the solenoid on the back of the Hands-free VersaFiller assembly and flow switch connector into port on circuit board.

Insert connector on end of flow switch wire into port on circuit board

Connect tube to inlet of the valve

Plastic tubing

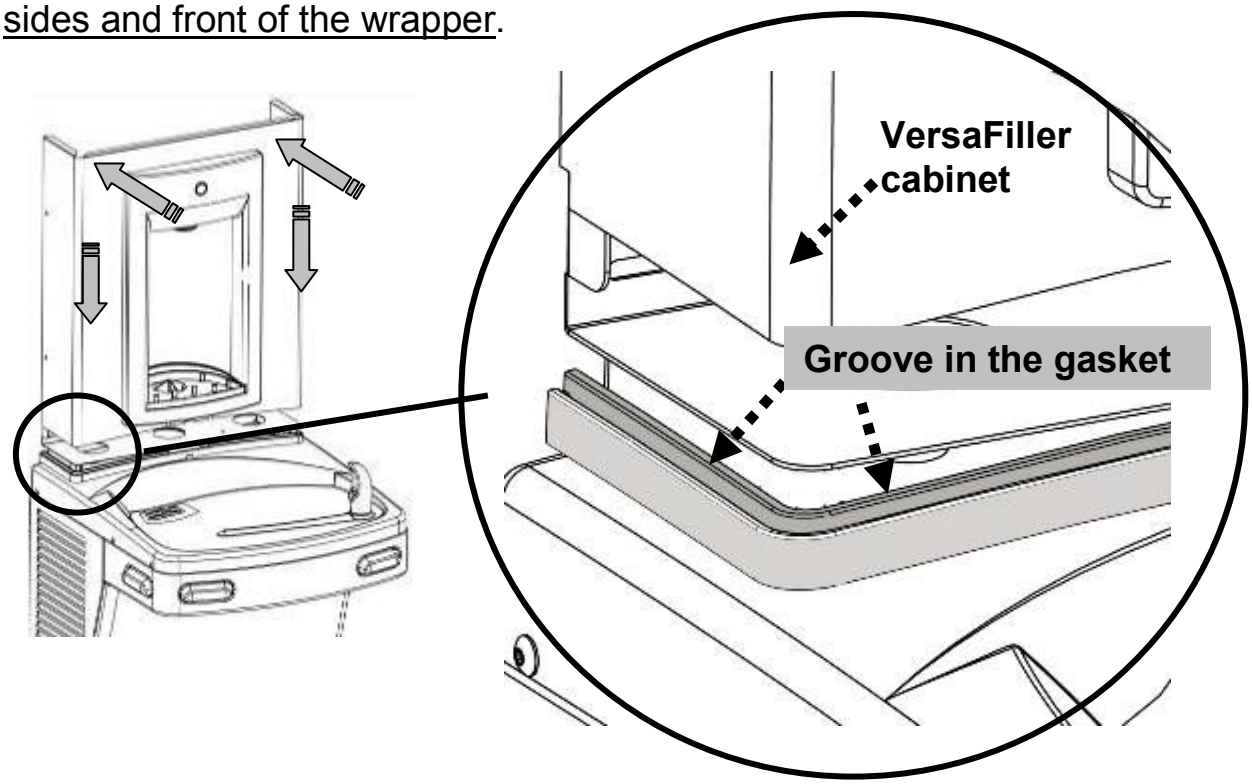
Sponge tubing insulation



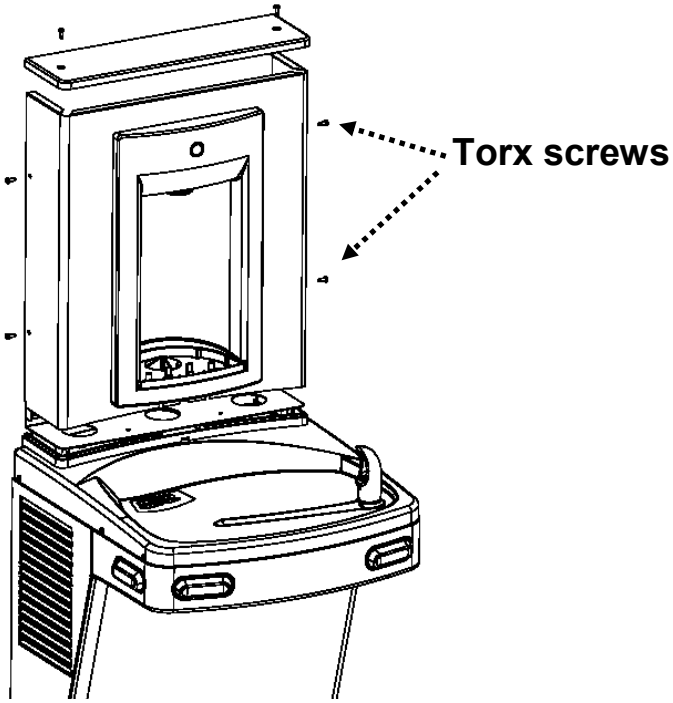
Rear view of VersaFiller

Section 3: Installation

5. Set the VersaFiller cabinet into place. As you do, feed the terminals on the power supply power cord through the bushing on the cooler top. MAKE SURE the cabinet fits into the *groove* in the rubber gasket on both sides and front of the wrapper.

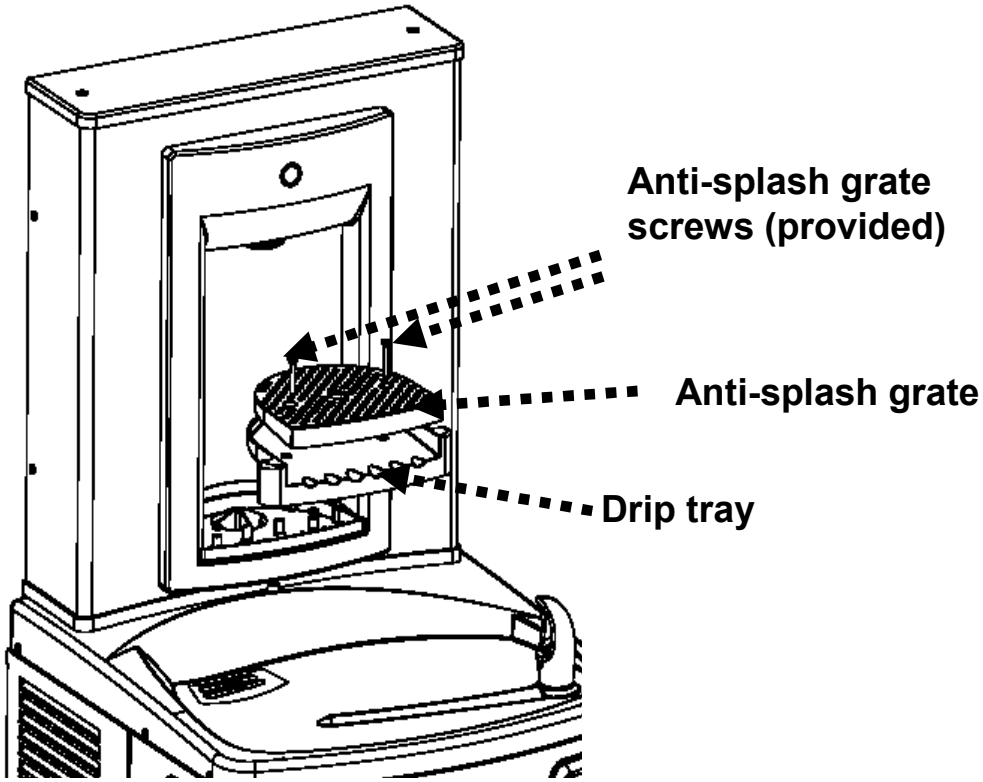


6. Attach VersaFiller assembly to the frame using four (4) torx screws. Leave the top cap off until after the program is set for this installation.



Section 3: Installation

7. Install the drip tray and anti-splash grate into the alcove area and secure with the two (2) stainless steel phillips head screws.

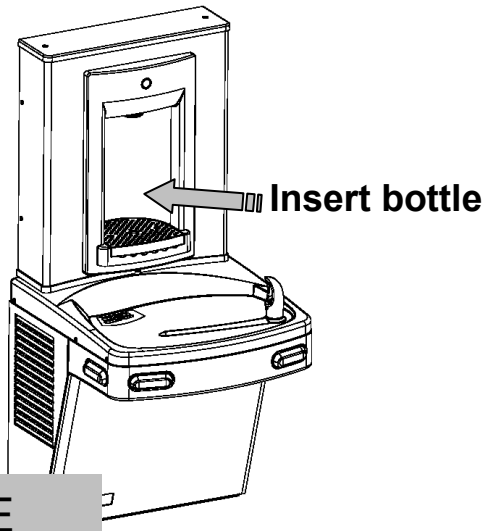


8. Connect male tab terminals from bottle filler power supply to female terminals on power cord. Make sure male tab is seated inside metal contacts of female terminal.

9. Plug in bottle filler cord. The program should be set up specific for that installation. See the program guide on the next page.

10. Turn ON water supply and check for leaks. Place a container in the alcove to release any trapped air from the system. Plug in the power cord and replace the front panel.

11. If everything works correctly, place the top cap back on the bottle filler and use the remaining two (2) torx screws to fasten it in place. Otherwise, calibrate the sensor per the instructions on the next page.



INSTALLATION COMPLETE

Section 4: Set-up guide for bottle filler electronics

Factory default settings are for a(n):

- UNFILTERED unit
- 20 second maximum run time

You can change the program settings by entering the program mode. To change the program settings, use the following steps:

1. Top cap is set aside until program is complete. Remove top cap by unscrewing two (2) T15 torx screws if needed.
2. Reach hand down between frame and front of cabinet to gently press button sticking up from top of circuit board (Note: Circuit board runs on low voltage and will not shock you). A remote button is available. Remove wire tie bundling it inside bottle filler and feed it through hole in cooler top. You can then adjust program using button through access panel of cooler.
3. To enter program mode, press and hold button for about 3 seconds. When you hear a beep, let go of button. You are now in program mode. Pressing button for an instant will advance to next screen. It will revert back to operating mode if no button is pressed for 10 seconds.
4. When you enter program mode, display screen will read “UNFILTERED UNIT.” To access settings for “FILTERED UNIT”, press and hold button for about 3 seconds. Press button for an instant to advance to next menu item.
5. If you wish to reset filter life counter or bottle counter, press and hold button for 3 seconds in screen asking corresponding question.
6. Default capacity for filter life counter is 1250 gallons (to match Versafilter). Press and hold button 3 seconds in “FILTER CAPACITY OF…” screen to change setting to 3000 gallons (galaxi® green filter media).
7. ”Bottle Filler Set_time” screen is to adjust maximum run time once sensor is activated. Water flow will stop once container is removed from alcove, but this feature ensures very little water is wasted if someone tampers with dispenser.
8. Unit is calibrated at factory, but it is recommended that sensor be re-calibrated at each install. Also, if you are having problems with sensing of a bottle, try recalibrating it before calling for service. Press and hold button for 3 seconds to calibrate sensor in “INFRARED SENSITIVITY” screen.
9. Put top cap back on and fasten in place with two (2) torx screws.

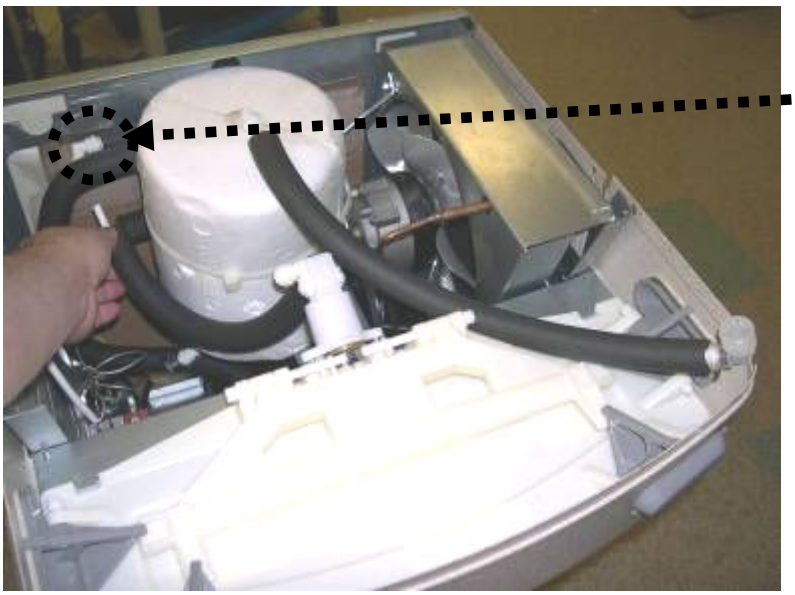
Addendum Section: Pressurizing Cooling Tank

The water should already be turned OFF and the power disconnected.

Unit as it appears with top removed

STEP 1

Unplug un-insulated water line from water valve inlet (JG elbow located left side of water valve facing the front of the cooler). Set tubing aside (careful to not contaminate water contact end).

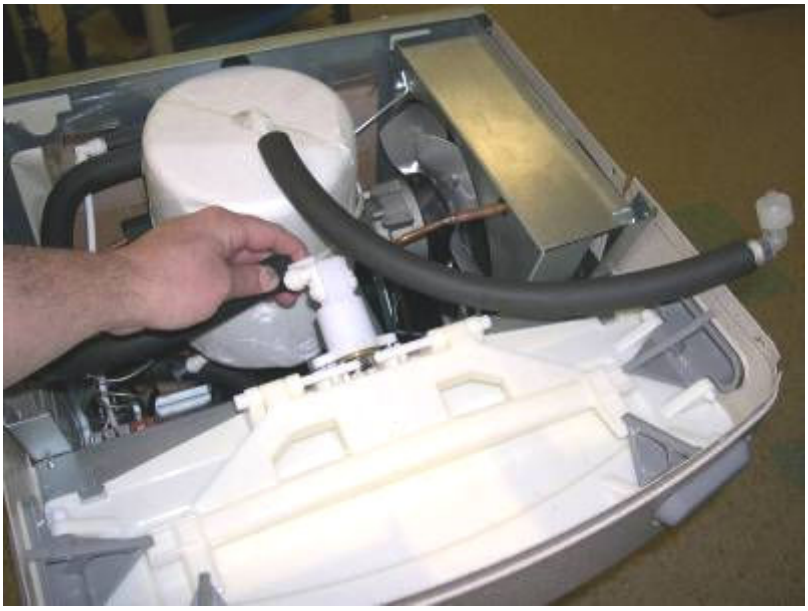


STEP 2

Unplug tubing from JG elbow leading to cooling tank inlet.

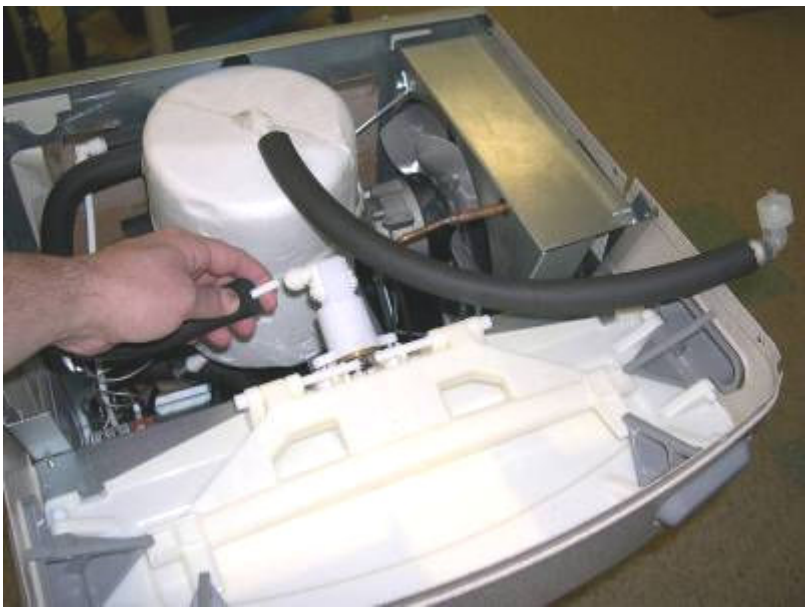
STEP 3

Plug un-insulated tubing that was removed in step 1 into JG elbow leading to the cooling tank from step 2.



STEP 4

Unplug tubing that is connected to the water valve outlet (JG elbow located on the right side of valve facing the cooler).



STEP 5

Connect tubing from step 4 to JG elbow on the left side of the valve.

Step 6

Unplug JG tubing from the cooling tank outlet. Do not set it down.

Step 7

Using tubing removed in step 6, plug into JG elbow on the right side of the valve. (be sure to rout the tubing under existing tubing installed in step 4 as shown)

Step 8

Using tubing that is connected to the JG elbow left side of valve (done in step 4), and plug the other end to the JG fitting at the top of the cooling tank.

Return to Section 3 B "Connecting the water line"

Electronics quick reference guide

- Press and hold button for 3 seconds to enter program mode or change program setting while in program mode.
- Choose “UNFILTERED UNIT” or “FILTERED UNIT” in program mode.
- “BOTTLE FILLER SET_TIME” is adjustable from 10-20 seconds in program mode.
- To reset filter life counter, press and hold button at question “RESET #### GALLON COUNT?” in program mode.
- To reset bottle counter, press and hold button at question “RESET #### BOTTLE COUNT?” in program mode.
- Re-calibrate sensor at installation or if sensor doesn’t respond correctly. To re-calibrate, press and hold button at “INFRARED SENSITIVITY” screen in program mode.

Accessories:

Vandal resistant screw kit: P/N 036704-001, includes torx bits and replacement screws for items 4 and 25.

Gasket, Sunroc/Haws : P/N 036689-101 (replaces item 10): KIT P/N 036752-001

Gasket, Elkay/Halsey Taylor P/N 036689-201 (replaces item 10): KIT P/N 036752-002

P/N 030099-476 Rev. A Date: 7/2013

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OASIS® VERSACOOLER®II MODELS
PACSL, P8ACSL, P8ACSLEE, PF8ACSL, PF8ACSLEE, PV8ACSL, PVF8ACSL, PGACSL, PG8ACSL
SUNROC MODELS ADA8ACB, ADA8ACBHF, ADAF8ACB, ADAF8ACBHF

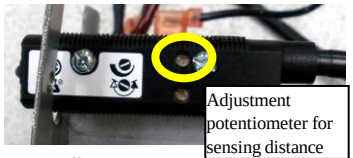
INSTRUCTIONS

A. INSPECTION

Inspect the water cooler, water fountain and cartons for evidence of rough handling and concealed damage. Damage claims should be filed with the carrier.

B. TO PUT WATER COOLER AND FOUNTAIN INTO SERVICE

1. **NOTE:** The following states require a licensed plumber to install cooler; AG, GA, MA, MI, OK, RI, SC, SD, TX, VT and WI. CA, KS, MN, NM and OR allow for a state-registered installer or contractor as well. State and local plumbing codes may prohibit use of saddle tapping valves for water line connection in some applications. All connections must conform to applicable plumbing codes.
2. The P8ACSL/ADA8ACB is composed of a water cooler and a water fountain. The water cooler contains the refrigeration system and is always mounted on the right side. This unit can be configured with the water cooler high or low. Refer to proper roughing in drawing for location of plumbing and electrical service. Filter units have additional instructions on a label inside fountain side access panel. Read these before installing unit. This drinking water cooler is designed to be operated at a water supply line pressure of up to 100 psi (690 kPa). A pressure regulator must be installed in front of the unit's water inlet if the water pressure (including any possible pressure spikes) could exceed 100 psi (690 kPa).
3. FLUSH BUILDING WATER SUPPLY BEFORE INSTALLING UNIT.
4. Install wall hangers as shown on the desired roughing in drawing. Wall hangers are shipped fastened to the backs of each unit. Units with factory installed filters have additional instructions on a label inside of the access panel. Read these before installing unit.
5. **To configure this cooler for right side high or right side low installation, refer to details below. Bottom screws of the appropriate side panel may be temporarily removed to install patch plate. Assemble drains as shown below, matching the position of the gaskets to the contour of the cooler tops.**
6. Mount the water cooler on the right hanger.
7. Straighten inlet "Water In" tube in water fountain. Mount water fountain on left side hanger while routing "Water In" tube through access hole to water cooler. Remove plug from "Drain/Remote Cold Water" connection and insert "Water In" tube.
8. **All provided waste drain parts for field installation are packed in the water fountain. Assemble drain per appropriate roughing in drawing. The short leg of the crossover piece will be on the water cooler side. When unit has an internal waste trap, it should be wrapped with insulating tape to prevent sweating. Use of 1-3/4" knockout for a waste line is not recommended because of potential conflict with ADA* toe space requirements. Check with your local building code inspector for approval.**
9. Install a shut off valve in water supply line. Remove strainer from cooler "Water Supply" tube. Solder 3/8" inlet tube extension (furnished) with lead free solder to "Water Supply" tube and insert strainer in open end of extension. Connect extension to shut off valve. To allow access to strainer for service, this connection should not be a solder or flare joint. To ease removal of strainer, a sheet metal screw may be lightly threaded into the open end.
10. Rotate fan blade by hand to see that it is free of obstructions.
11. Check available power supply against water cooler data plate to assure correct electrical service. This drinking water cooler is intended to be connected to a 20A minimum ground fault circuit interrupting (GFCI) device to meet UL requirements. Plug power supply cord into wall outlet. The rear most 1-3/8 diameter knockout in frame bottom is for an externally located electrical supply. Make sure knockout hole edge is smooth and free of any burrs. Use of Heyco bushing #2184 in knocked out hole is recommended to prevent damage to service cord and to close up excess opening around cord. Route cord so it does not interfere with ADA* space requirements.
12. To fill cold water tank on water cooler, open water supply line shut-off and push any one of front pushbuttons to allow water to flow to bubbler. On EE model, actuate solenoid by holding one hand approximately 3 inches from infrared sensor. Run water until stream is free of bubbles.
13. To adjust bubbler stream:
    a) All pushbutton models are equipped with a cartridge regulator. The P8ACSL/ADA8ACB and PF8ACSL/ADAF8ACB have a slot in the shelf below the pushbuttons. Insert a screwdriver in this slot to adjust regulator. Turn adjustment clockwise to increase stream height. To access PV8ACSL and PFV8ACSL adjustment, remove bezel and button from front of cooler.
    b) Electric eye (EE or HF) models have regulator built into bubbler. If adjustment is needed, insert 5/64 wrench approximately 1-1/8" into bubbler nozzle opening until it bottoms out and is seated in adjustment screw. Turn adjustment screw clockwise to reduce stream height or counterclockwise to increase height. Note, less than one turn is required to go from a closed to a wide open flow. Do not overtighten adjuster in closed position as stripping the hex impression in adjustment screw may result.
14. To adjust beam range of sensor (EE or HF models only):
    a) Shut off water and power supplies.
    b) Remove two screws from top front.
    c) To adjust sensing distance, use a mini-screwdriver (3.0mm flat tip or smaller) and rotate adjustment potentiometer screw on side of sensor. Turn <u>clockwise</u> to sense objects further away. This is represented by thicker end of curve on sensor label. The screw can be turned a maximum of ¾ turns. The sensor has a maximum range of approximately 30". It is factory set at 15".


Adjustment potentiometer for sensing distance

    d) NOTE: Do <u>not</u> turn adjustment as high as it can go. If you do the sensor will lock on until you turn sensing distance back down.
    e) There is an adjustable on-time delay of 0.5 seconds to prevent nuisance actuation of solenoid valve should someone walk by. To adjust on-time delay, rotate blue knob on timer clockwise. The maximum on-time delay is 1 second. After drinking, the water will shut off immediately after walking away. Maximum run time is 30 seconds should someone tamper with the sensor. NOTE: Walls with a reflective finish, i.e., ceramic tile, across from sensor may cause false actuation no matter what sensor adjustment is for distance. Therefore, do not install unit in such an area or dull surface of wall so it will not reflect light.

C. MAINTENANCE

The only maintenance operation required is the removal of dirt and lint from the condenser of the water cooler. Inspection should be made at 3-month intervals. Disconnect power supply cord, then clean condenser with small stiff non-wire brush when required. Observance of this procedure will ensure adequate air circulation through condenser so operation is efficient and economical.

D. OVERLOAD PROTECTION (water cooler)

Compressor motor, where used, is equipped with automatic reset protector which will disconnect motor from line in case of an overload.

E. LUBRICATION (water cooler)

This unit is equipped with a hermetically sealed compressor and requires no additional lubrication. The fan motor on this unit seldom needs oiling, but if required, a few drops of SAE 10 oil should be used.

F. TO DISCONTINUE USE OF WATER COOLER AND WATER FOUNTAIN

1. Close water shut off valve.
2. Provide container to catch water to be drained.
3. Disconnect the water supply line at the water cooler "WATER SUPPLY" tube. Disconnect water cooler "DRAIN/REMOTE COLD WATER" tube from water fountain "WATER IN" tube. Place container under water cooler "DRAIN/REMOTE COLD WATER" tube, then push and hold push button on the water cooler until water cooler is completely drained. Place container under water fountain "WATER IN" tube, then push and hold push button on the water fountain until water fountain is completely drained.
4. Disconnect the power supply cords.
5. Plug both water cooler "DRAIN/REMOTE COLD WATER" tube, and water fountain "WATER IN" tube.
6. ALWAYS DRAIN ALL WATER WHEN FREEZING TEMPERATURES ARE ANTICIPATED AND BEFORE SHIPPING THE WATER COOLER.

*American With Disabilities Act

WARNING

The warranty and the Underwriters' Laboratory listing for this machine are automatically voided if this machine is altered, modified, or combined with any other machine or device. Alteration or modification of this machine may cause serious flooding and/or hazardous electrical shock or fire.

EXCEPT AS SET FORTH HEREIN, THE MANUFACTURER MAKES NO OTHER WARRANTY, GUARANTEE OR AGREEMENT EXPRESSED, IMPLIED OR STATUTORY, INCLUDING ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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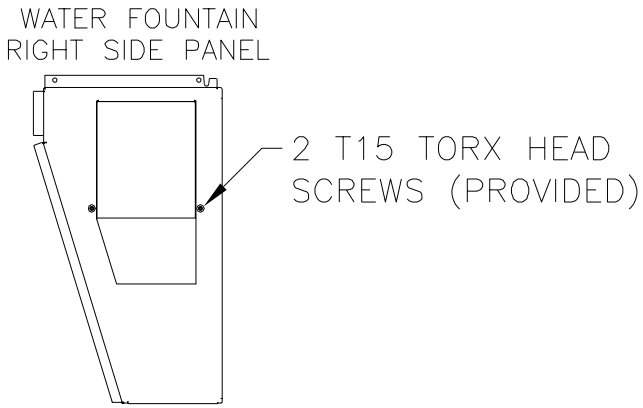
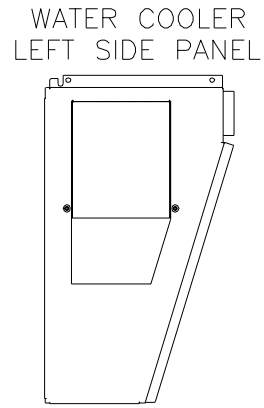
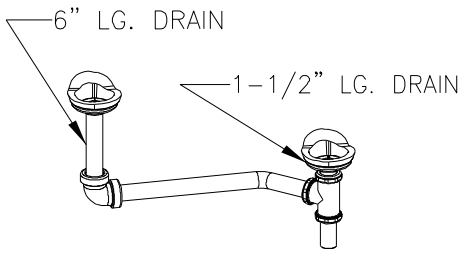


PATCH PLATE LOCATION
FOR COOLER CONFIGURED
FOR RIGHT SIDE LOW

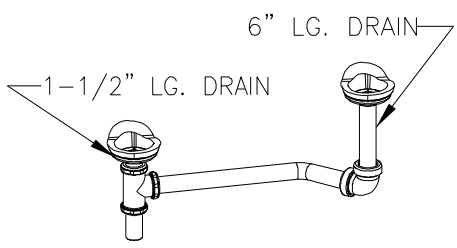


PATCH PLATE LOCATION
FOR COOLER CONFIGURED
FOR RIGHT SIDE HIGH



DRAIN CONFIGURATION
RIGHT SIDE LOW

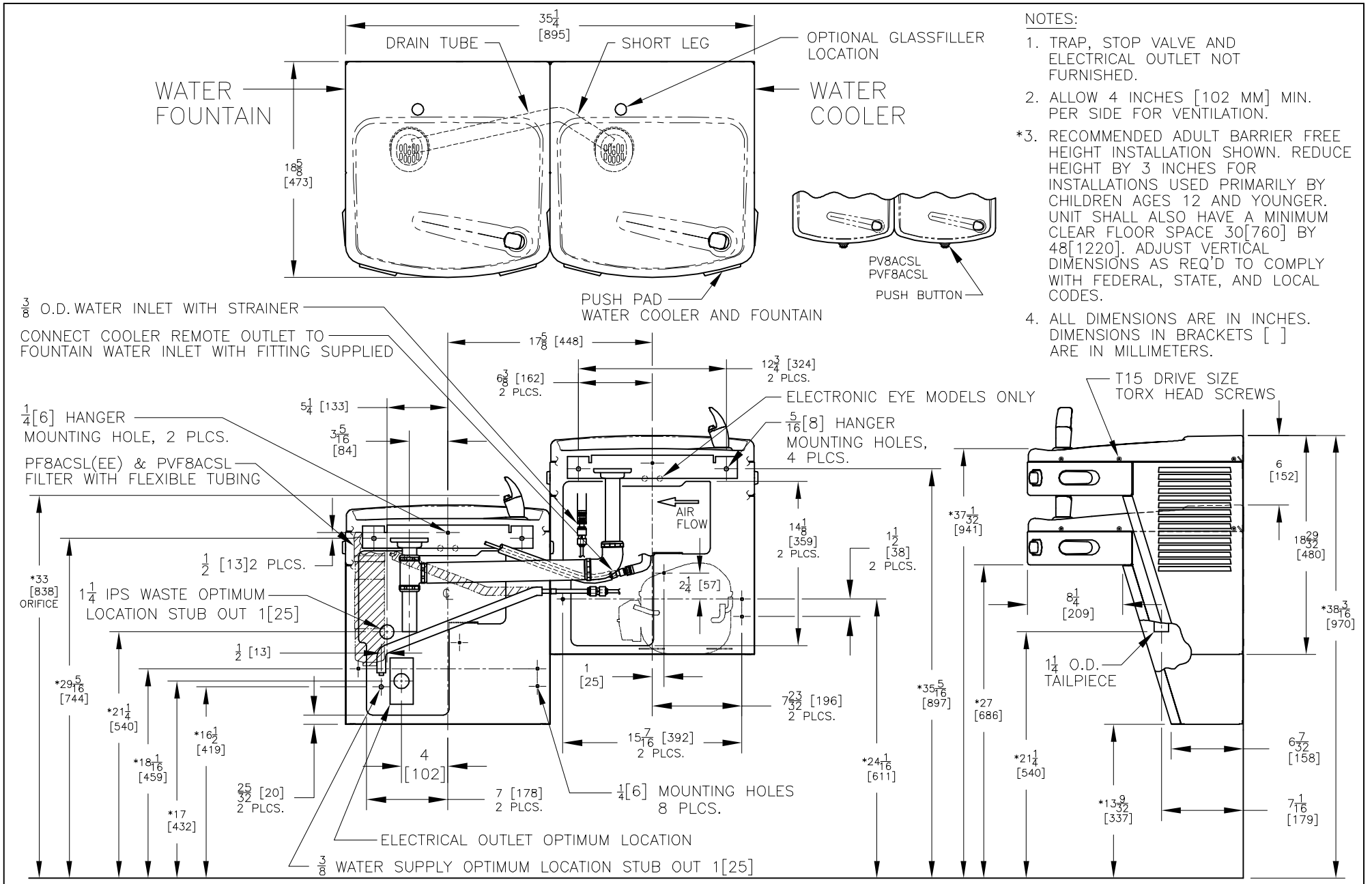
MOUNT DRAINS WITH PROVIDED
1-1/4" LONG SCREWS



DRAIN CONFIGURATION
RIGHT SIDE HIGH

MOUNT DRAINS WITH PROVIDED
1-1/4" LONG SCREWS

OASIS® VERSACOOLER®II MODELS
PACSL, P8ACSL, P8ACSLEE, PF8ACSL, PF8ACSLEE, PV8ACSL, PVF8ACSL, PGACSL, PG8ACSL
SUNROC MODELS ADA8ACB, ADA8ACBHF, ADAF8ACB, ADAF8ACBHF



NOTES:

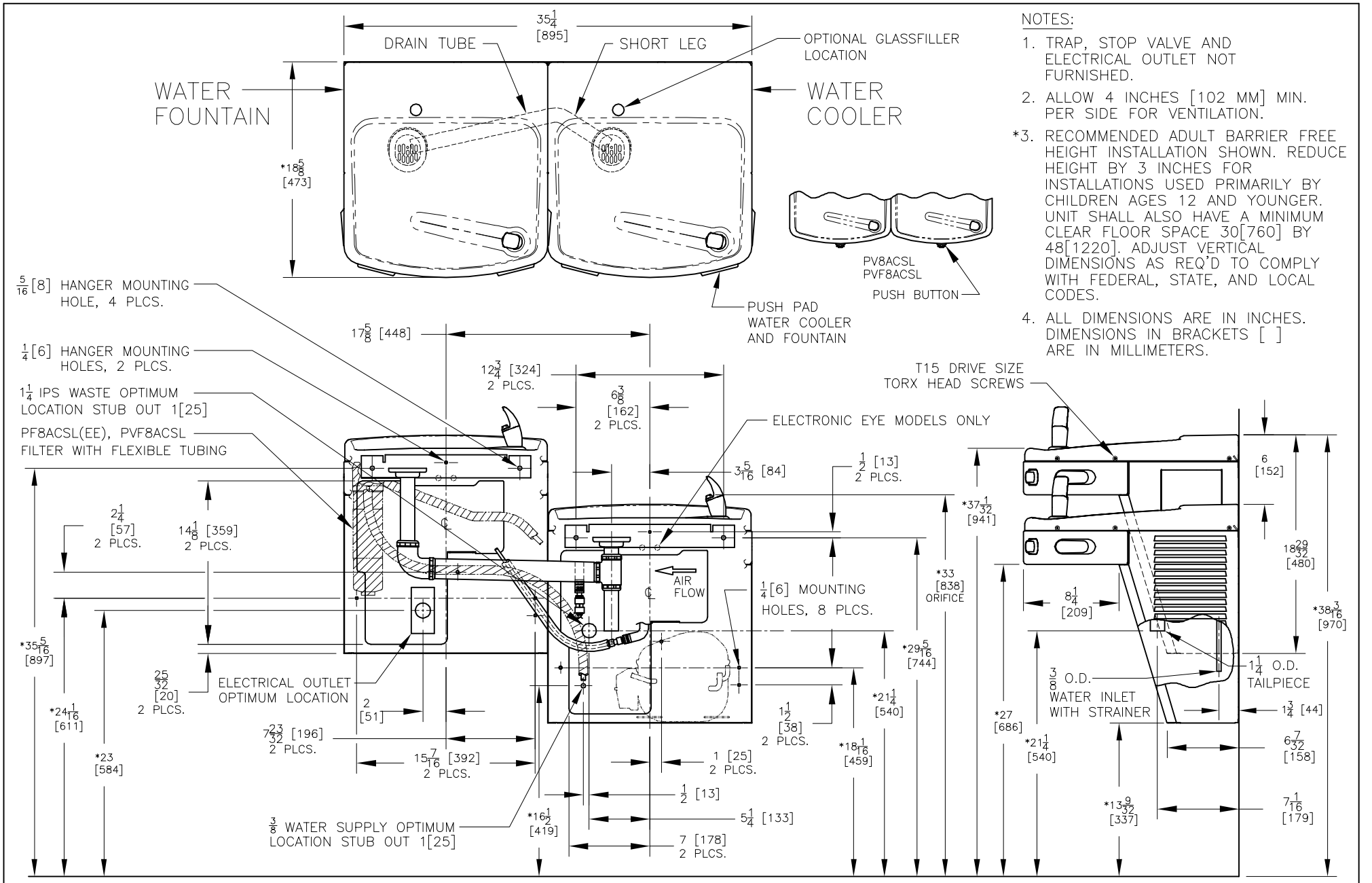
1. TRAP, STOP VALVE AND ELECTRICAL OUTLET NOT FURNISHED.
2. ALLOW 4 INCHES [102 MM] MIN. PER SIDE FOR VENTILATION.
*3. RECOMMENDED ADULT BARRIER FREE HEIGHT INSTALLATION SHOWN. REDUCE HEIGHT BY 3 INCHES FOR INSTALLATIONS USED PRIMARILY BY CHILDREN AGES 12 AND YOUNGER. UNIT SHALL ALSO HAVE A MINIMUM CLEAR FLOOR SPACE 30[760] BY 48[1220]. ADJUST VERTICAL DIMENSIONS AS REQ'D TO COMPLY WITH FEDERAL, STATE, AND LOCAL CODES.
4. ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS.

RIGHT SIDE HIGH CONFIGURATION

THIRD ANGLE PROJECTION

ROUGHING–IN AND DIMENSIONAL DRAWING

OASIS® VERSACOOLER® II MODELS
PACSL, P8ACSL, P8ACSLEE, PF8ACSL, PF8ACSLEE, PV8ACSL, PVF8ACSL, PGACSL, PG8ACSL
SUNROC MODELS ADA8ACB, ADA8ACBHF, ADAF8ACB, ADAF8ACBHF



NOTES:

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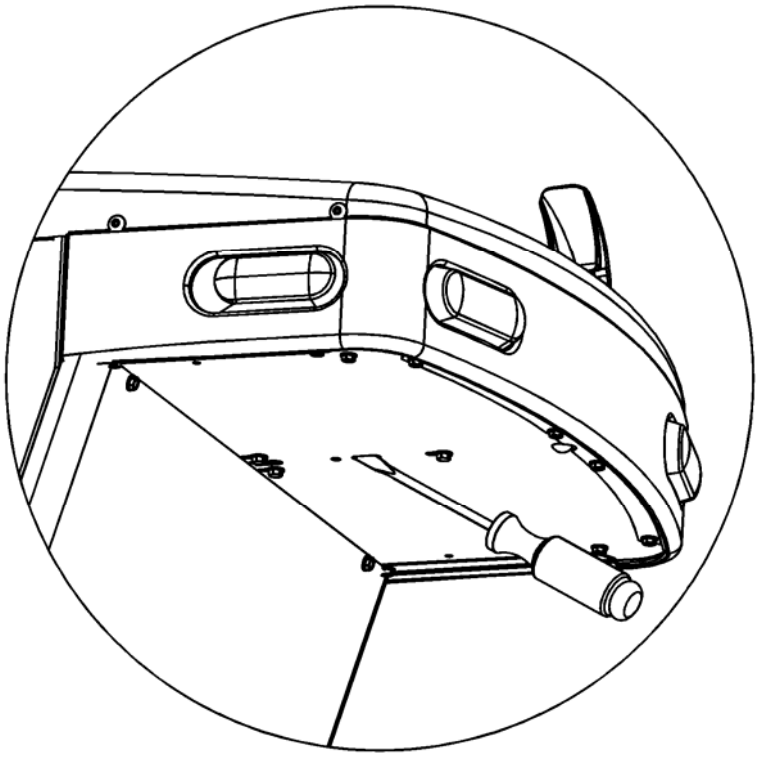
4. ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS.

RIGHT SIDE LOW CONFIGURATION

THIRD ANGLE PROJECTION

ROUGHING–IN AND DIMENSIONAL DRAWING



To adjust stream height, insert a 1/8” Flat blade screwdriver into the slotted hole as shown. The screwdriver will engage the stream height adjuster in the cartridge plunger. Turn clockwise to increase stream height, or ccw to reduce stream height.

032386-048 Rev. A