INSTALLATION OF FILTER IN PRESSURE COOLERS

These instructions will supersede some of the installation instructions for the cooler. Please read before making any water connections.

1. Connect filter's water inlet line to water supply valve.
2. Make sure all water connections leading up to cooling tank are secure (i.e. field connection for split level or remote chiller).
3. Remove plug from "DRAIN/REMOTE COLD WATER' port and place a container to catch water.
4. Flush filter as outlined below:
   a) Turn on water supply. The filter head has an auto shut-off valve and will stop water flow to rest of unit.
   b) Install filter by removing plug in threaded end and inserting filter into head. The bracket the head is mounted to may not be clearly visible from front of unit. Follow water inlet line to locate it.
   c) Rotate filter counter-clockwise to engage threads, and tighten until snug. As you tighten the filter, water will start to flow.
   d) Flush filter for about one minute into container.
   e) Rotate filter clockwise to shut off water flow.
5. Replace plug in "DRAIN/REMOTE COLD WATER" port, or complete water connection using that port.
6. Retighten filter when you are ready for water to flow into the system, and check for leaks.

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

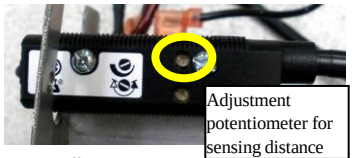
INSTRUCTIONS

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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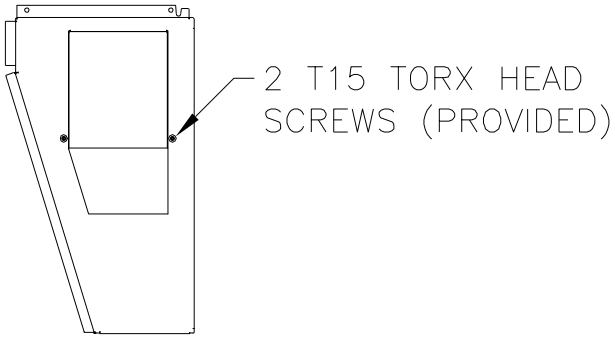
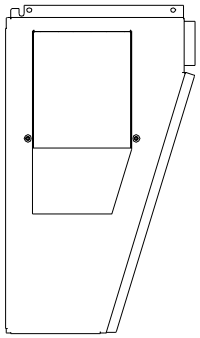
WATER FOUNTAIN
RIGHT SIDE PANEL

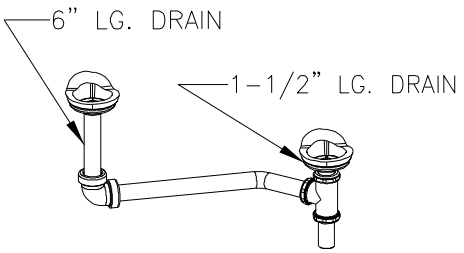


PATCH PLATE LOCATION
FOR COOLER CONFIGURED
FOR RIGHT SIDE LOW

WATER COOLER
LEFT SIDE PANEL

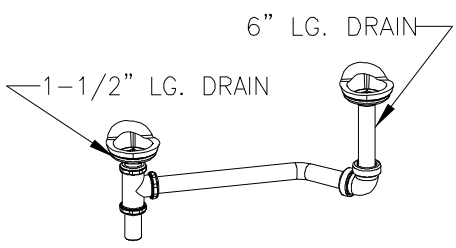


PATCH PLATE LOCATION
FOR COOLER CONFIGURED
FOR RIGHT SIDE HIGH



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
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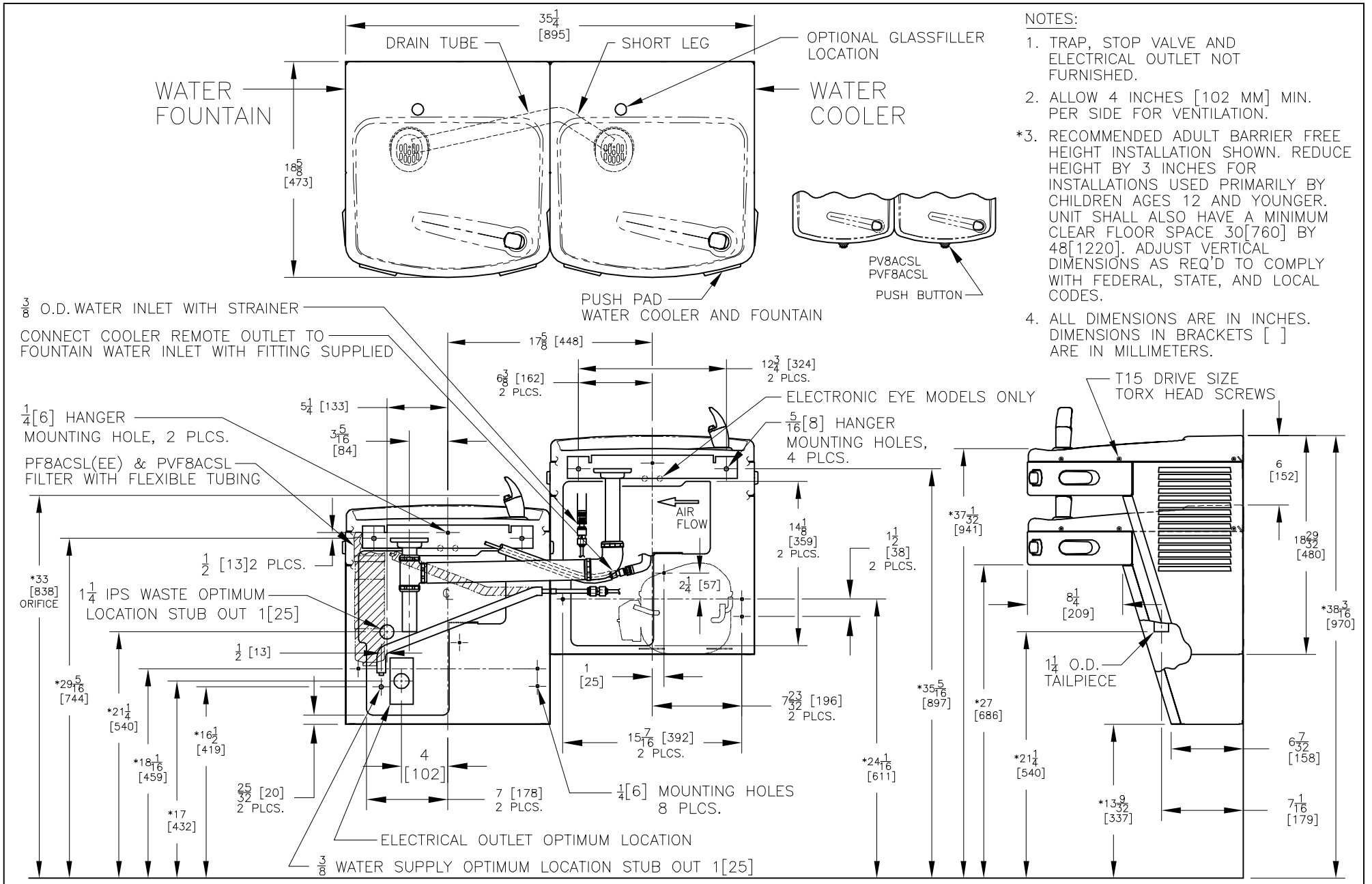


NOTES:

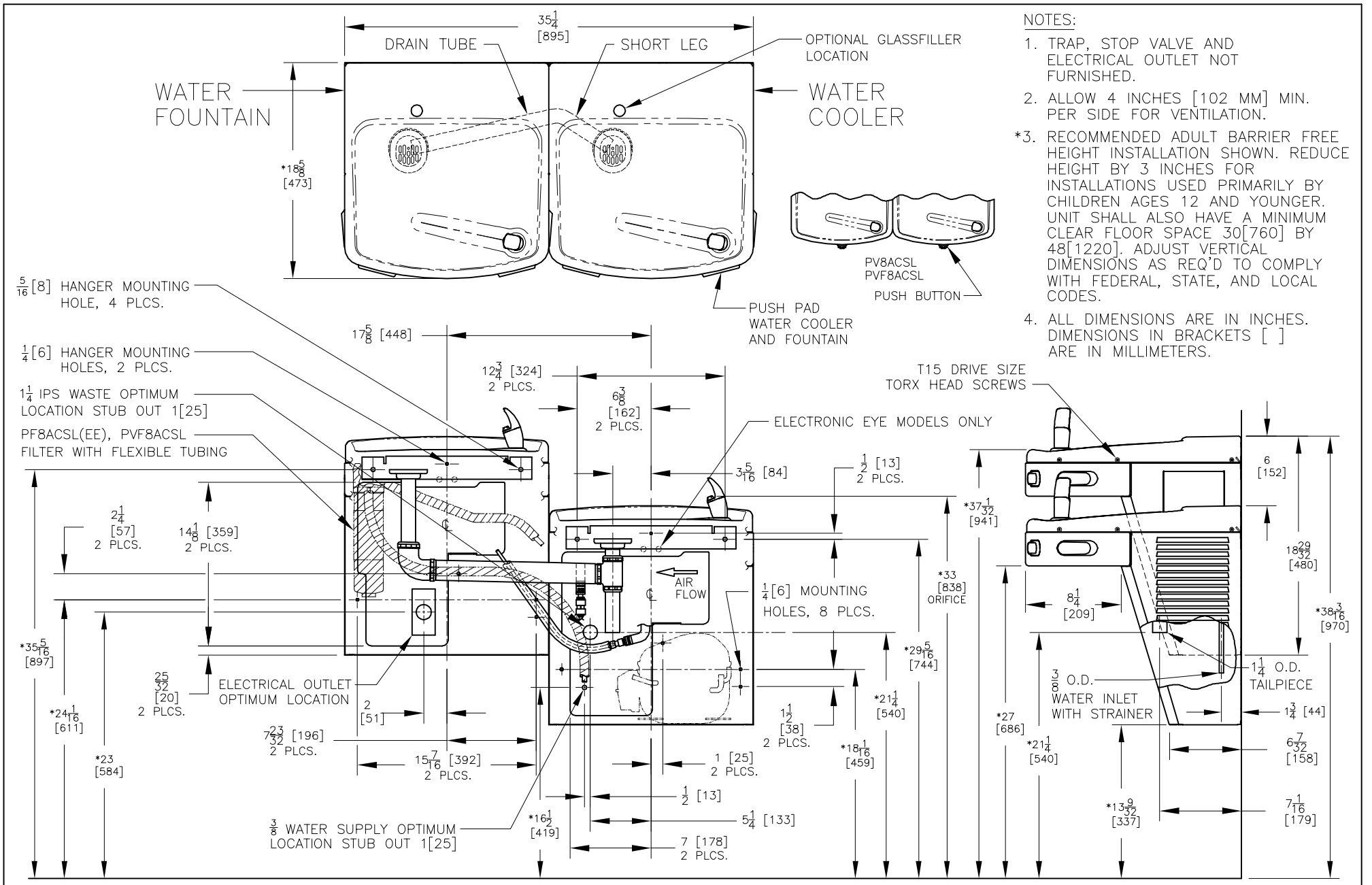
1. TRAP, STOP VALVE AND ELECTRICAL OUTLET NOT FURNISHED.
2. ALLOW 4 INCHES [102 MM] MIN. PER SIDE FOR VENTILATION.
*3. RECOMMENDED ADULT BARRIER FREE HEIGHT INSTALLATION SHOWN. REDUCE HEIGHT BY 3 INCHES FOR INSTALLATIONS USED PRIMARILY BY CHILDREN AGES 12 AND YOUNGER. UNIT SHALL ALSO HAVE A MINIMUM CLEAR 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:

1. TRAP, STOP VALVE AND ELECTRICAL OUTLET NOT FURNISHED.
2. ALLOW 4 INCHES [102 MM] MIN. PER SIDE FOR VENTILATION.

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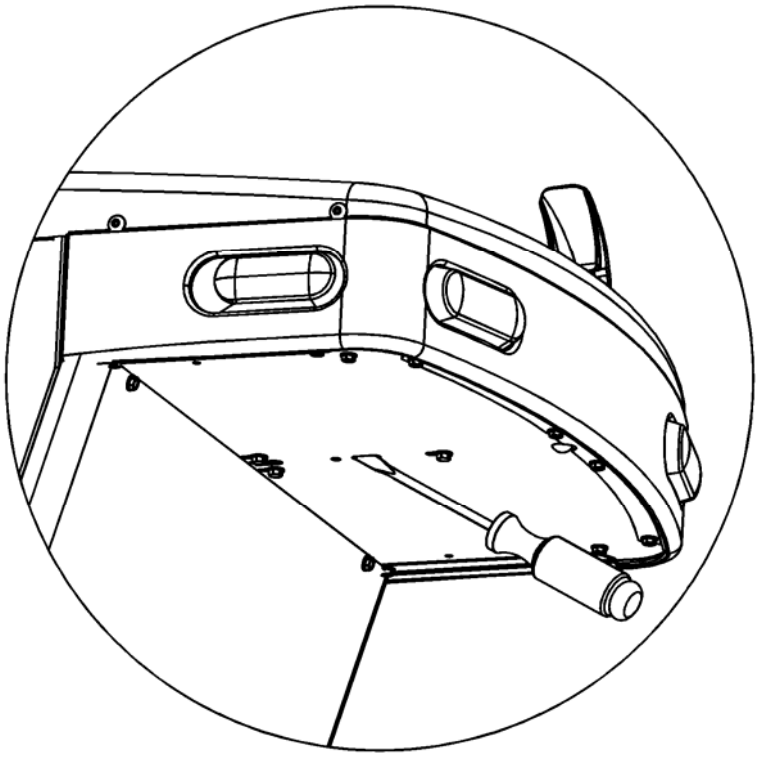
4. ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS.

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.

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