

OASIS® AQUA POINTE® ELECTRONIC BOTTLE FILLERS

INSTRUCTIONS

1. INSPECTION

Inspect the cartons and various components for evidence of rough handling and concealed damage. Damage claims should be filed with the carrier.

2. INSTALLATION, PLUMBING & ELECTRICAL CONNECTIONS

- a) **Note:** The following states require a licensed plumber to install cooler; AR, 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 the use of saddle tapping valves for water line connection in some applications. All connections must conform to applicable plumbing codes.
- b) Plumbing rough-in and wall opening should be prepared as shown on roughing-in drawing. 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 pressure (including any possible pressure spikes) could exceed 100 psi (690 kPa).
- c) Insert frame assembly into wall opening and secure to studs. **NOTE: FRONT FLANGE OF FRAME(S) MUST BE FLUSH WITH THE FINISHED WALL SURFACE.**
- d) Install drain receptor to frame with screws provided.
- e) A 2X4 junction box is provided for the installation of a 115 volt receptacle. The bottle filler is provided with a power cord with a grounded NEMA 15 plug. This unit is intended to be connected to a ground fault circuit interrupting (GFCI) device to meet UL requirements. It is recommended that flexible conduit be used to supply power to the junction box and chiller if used. Check the electric current available. Type and voltage must be the same as listed on the unit data plate.
- f) As you put the bottle filler panel assembly in place on the frame assembly, feed the long green ground wire and the terminals on the power supply cord through the bushings in the frame assembly.
- g) Attach the long green ground wire to the frame assembly junction box ground, then plug in bottle filler power cord.
- h) Refer to the appropriate connection diagram for water and drain connections. Check for leaks.
- i) The lower panel can be secured with the provided key locks or screws. The M8EBF features one lockable and one non lockable lower panel, these are interchangeable.

MODELS WITH CHILLER

- j) Attach cradle mounting angles to unit mounting cradle with 4 screws provided. Slide unit mounting cradle into frame and secure in place with 4 screws, provided. (Cradle is used only when cooling unit is to be installed.) **NOTE: BOTTOM FLANGE ON CRADLE IS TO BE BEHIND FRAME FRONT FLANGE.**
- k) Slide cooling unit onto cradle.

M8EBF & M12EBF WITH FOUNTAIN

- l) Install the fountain mounting plate to the frame assembly using the provided screws.
 - m) Place the upper panel in place on the frame top angle and fasten with 2 screws, provided, at the bottom.
 - n) Remove the bottom plate from the fountain arm. Save the screws.
 - o) Snap the reveal gasket over the back end of the fountain arm.
 - p) Add compression connector, furnished by others, to the fountain waste tube and slide back approximately 3" out of the way. Refer to the appropriate connection diagram.
 - q) Hang the fountain on the mounting plate studs. **NOTE: AS THE FOUNTAIN IS HUNG, FEED THE WASTE TUBE INTO THE WASTE STUB ON THE WALL SIDE.**
 - r) Tighten the fountain to the mounting plate with the 5/16-18 nuts and washers and the 1/4-20 bolts and washers provided.
 - s) Slide the reveal gasket(s) back into the notch between the panel and the arm. The gasket serves as an appearance item only (to close up any opening around the panel and the mounting plate).
3. **OVERLOAD PROTECTION** (systems with chiller)
The compressor motor is equipped with an automatic reset protector which will disconnect the motor from the line in case of overload.
4. **LUBRICATION** (systems with chiller)
This unit is equipped with a hermetically sealed compressor. No additional lubrication is required. The fan motor installed on this unit seldom needs oiling. If required, a few drops of SAE 10 oil should be used.
5. **TO DISCONTINUE USE OF SYSTEMS WITH CHILLER**
Drain cooler when removed from service: (1) Remove grille, (2) Close supply valve, (3) Provide container to catch water, and remove drain plug,
6. **MAINTENANCE** (systems with chiller)
The only maintenance required is the removal of dirt and lint from the condenser. Inspection should be made at 3 month intervals. Remove the grille and clean the condenser with a vacuum attachment.

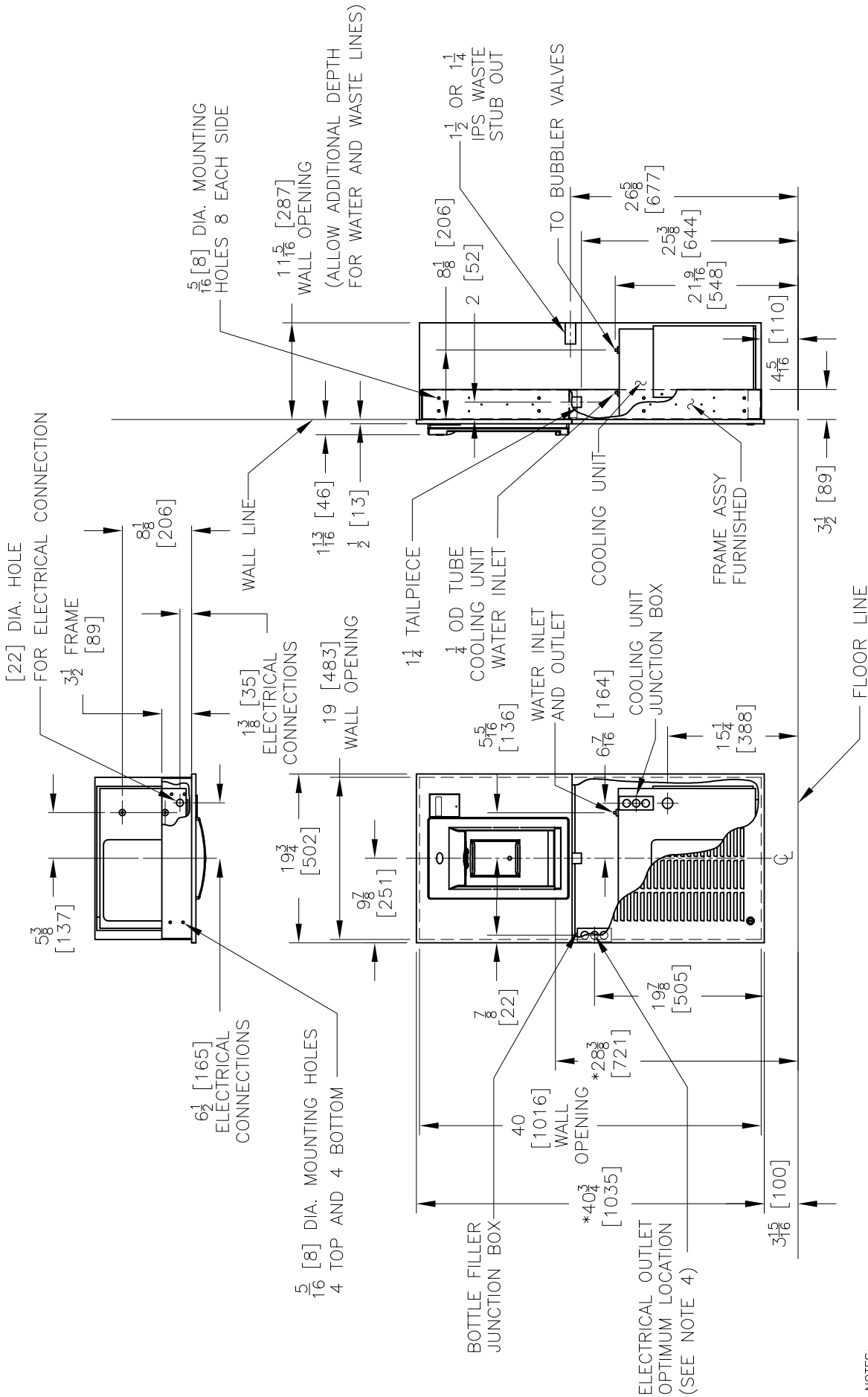
WARNING

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.



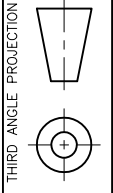
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OASIS® AQUA POINTE® ELECTRONIC BOTTLE FILLER
 MODELS MW8EBF, MW8EBF, MW12EBF



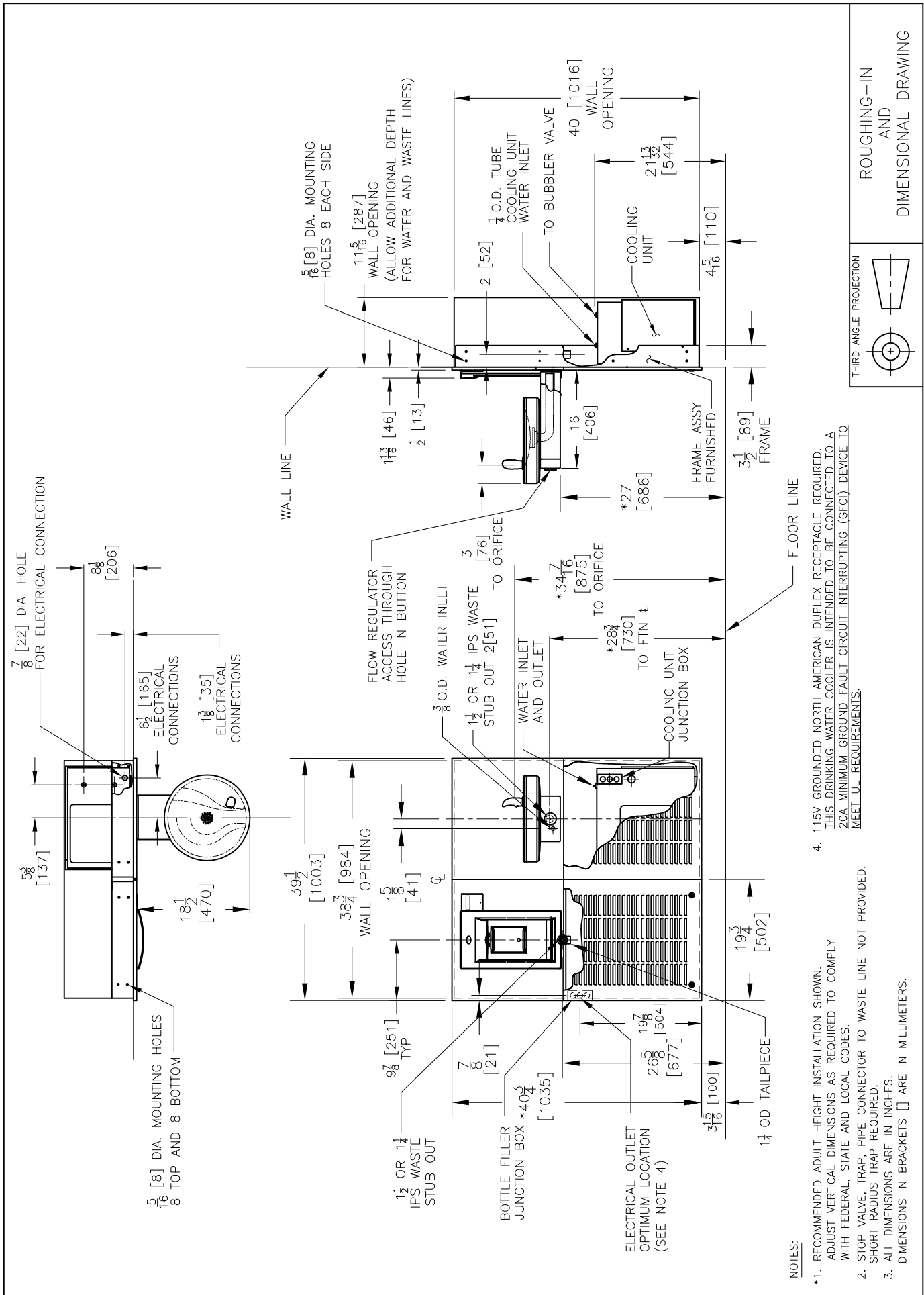
NOTES:

- RECOMMENDED ADULT HEIGHT INSTALLATION SHOWN. ADJUST VERTICAL DIMENSIONS AS REQUIRED TO COMPLY WITH FEDERAL, STATE AND LOCAL CODES.
- STOP VALVE, TRAP, PIPE CONNECTOR TO WASTE LINE NOT PROVIDED. SHORT RADIUS TRAP REQUIRED.
- ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.
- 115V GROUNDING NORTH AMERICAN DUPLEX RECEPTACLE REQUIRED. THIS DRINKING WATER COOLER IS INTENDED TO BE CONNECTED TO A 20A MINIMUM GROUND FAULT CIRCUIT INTERRUPTING (GFCI) DEVICE TO MEET UL REQUIREMENTS.



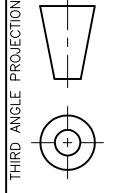
ROUGHING-IN
 AND
 DIMENSIONAL DRAWING

OASIS® AQUA POINTE® ELECTRONIC BOTTLE FILLER
 MODELS M8EBF, M12EBF



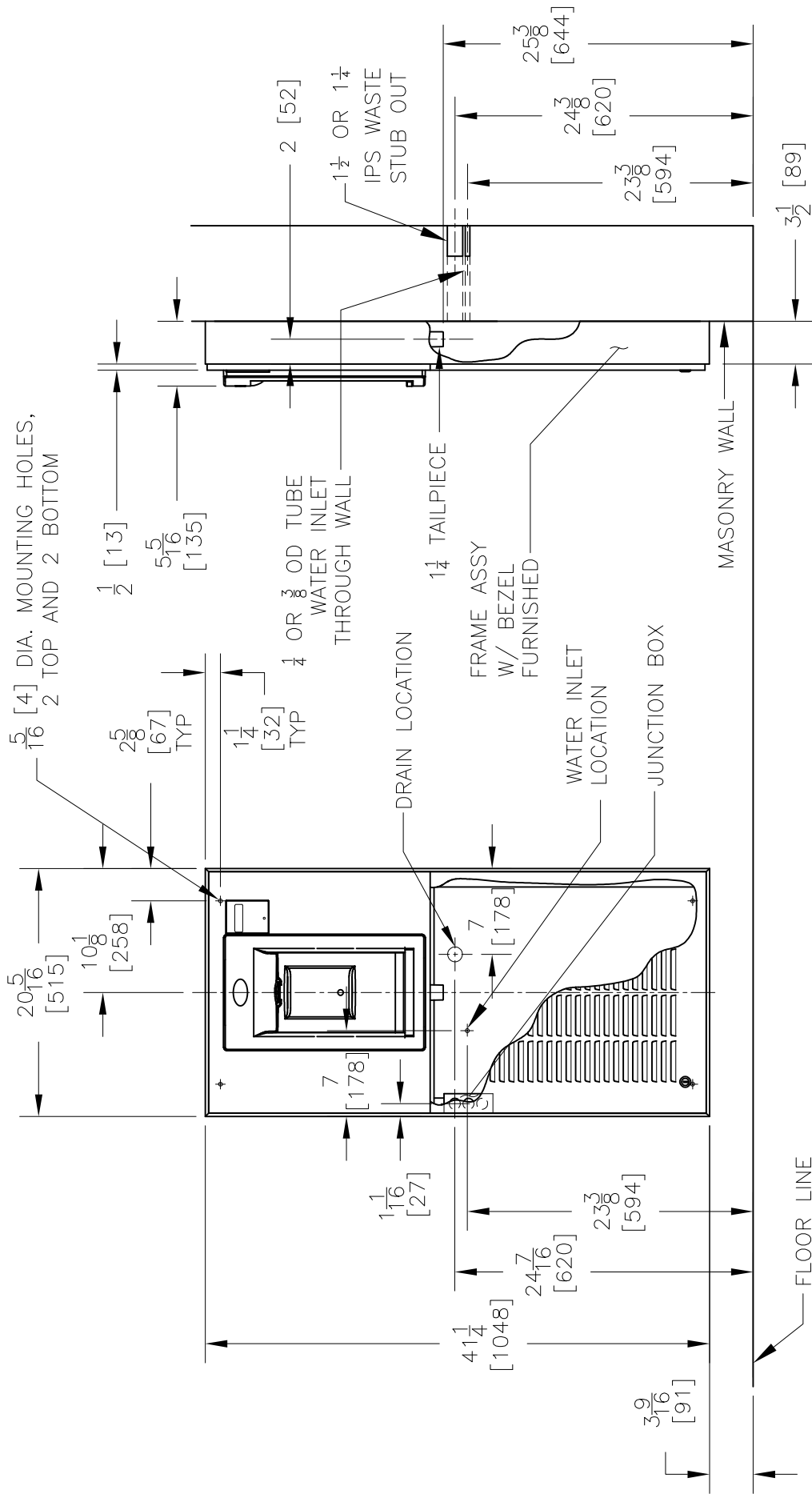
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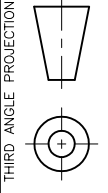
ROUGHING-IN
 AND
 DIMENSIONAL DRAWING

OASIS® AQUA POINTE® ELECTRONIC BOTTLE FILLER
 MODELS MWSMEBF, MWSM8EBF, MWSMI2EBF



NOTES:

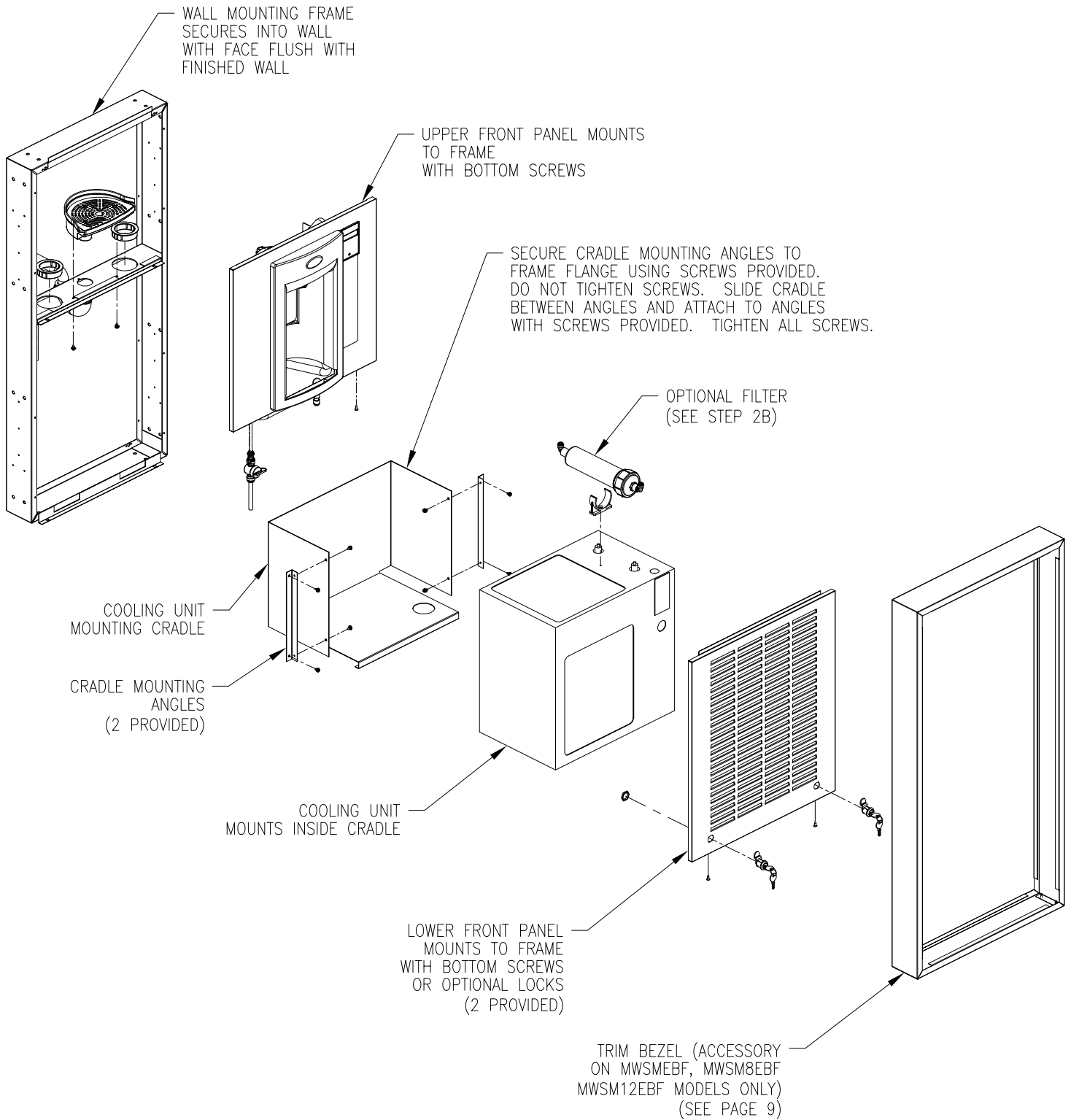
- *1. RECOMMENDED ADULT HEIGHT INSTALLATION SHOWN. ADJUST VERTICAL DIMENSIONS AS REQUIRED TO COMPLY WITH FEDERAL, STATE AND LOCAL CODES.
2. STOP VALVE, TRAP, PIPE CONNECTOR TO WASTE LINE NOT PROVIDED. SHORT RADIUS TRAP REQUIRED.
3. ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.
4. 115V GROUNDED NORTH AMERICAN DUPLEX RECEPTACLE REQUIRED. THIS DRINKING WATER COOLER IS INTENDED TO BE CONNECTED TO A 20A MINIMUM GROUND FAULT INTERRUPTING (GFCI) DEVICE TO MEET UL REQUIREMENTS.
5. CHILLER, IF APPLICABLE, MUST BE ADEQUATELY SUPPORTED BY SOMETHING OTHER THAN FRAME.



THIRD ANGLE PROJECTION

ROUGHING-IN
 AND
 DIMENSIONAL DRAWING

BOTTLE FILLER ASSEMBLY WITH CHILLER



STEP 1: INSTALL MOUNTING FRAME

- A) INSTALL FRAME PER ROUGH IN DRAWING. NOTE: IF APPLICABLE, REFER TO TRIM BEZEL INSTALLATION INSTRUCTIONS ON PAGE 9 BEFORE CONTINUING WITH STEP 2.
- B) INSTALL DRAIN ASSEMBLY.
- C) INSTALL SNAP BUSHINGS.

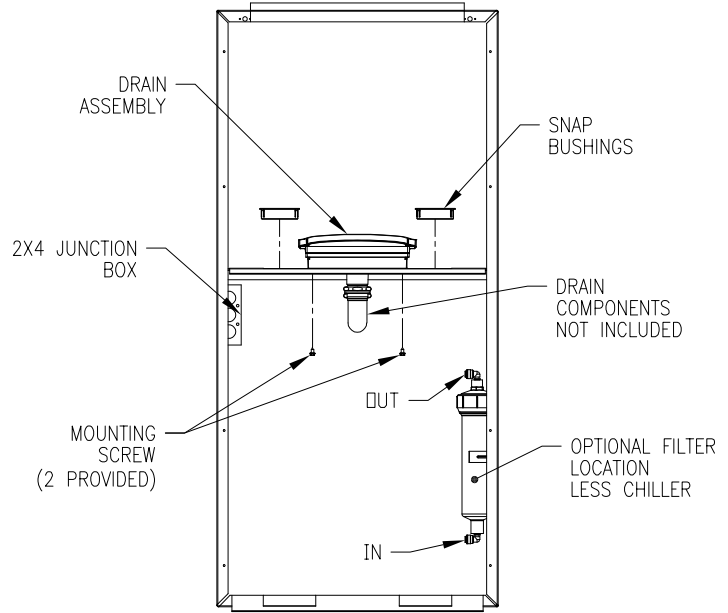


FIG. 1

STEP 2A: MWEBF (WITHOUT CHILLER ONLY)

- A) INSTALL PROVIDED BALL VALVE AND 3/8" O.D. COPPER TUBE TO BUILDING WATER SUPPLY.
- B) INSTALL TUBING AS SHOWN BEFORE MOUNTING THE PANEL ASSEMBLY.
- C) INSTALL UPPER PANEL ASSEMBLY (SCREWS PROVIDED)
- D) MOUNT FILTER AS DESIRED IN STEP 3A, IF APPLICABLE.
- E) INSTALL LOWER LOUVER PANEL USING SUPPLIED LOCKS OR SCREWS.

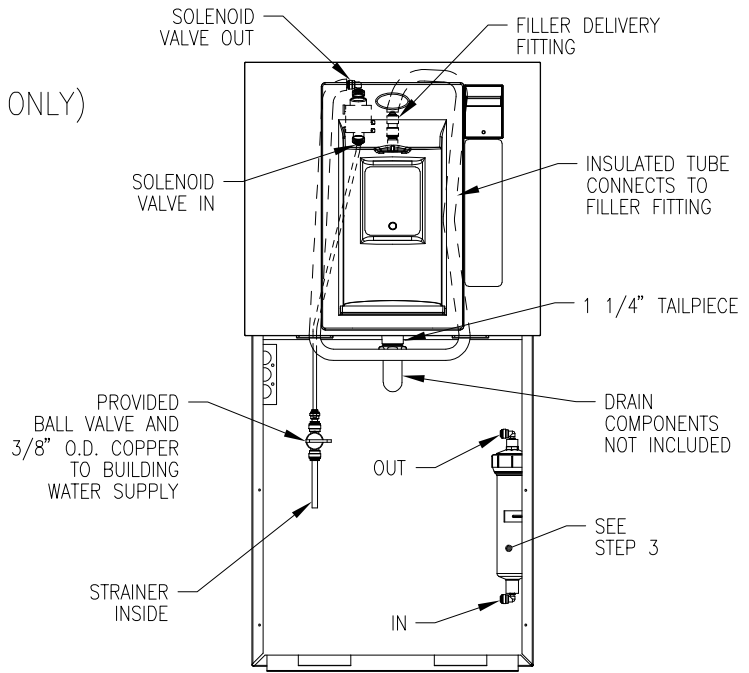


FIG. 2

STEP 3A: FILTER INSTALLATION (WITHOUT CHILLER ONLY)

- A) MOUNT FILTER CLIP TO FRAME. (SEE FIG. 2)
- B) INSTALL PROVIDED STEM ELBOWS.
- C) CUT WATER LINE SHOWN FROM SOLENOID VALVE OUT TO BOTTLE FILLER DELIVERY FITTING. SQUEEZE END OF TUBE BACK TO ROUND SHAPE AS NEEDED. (SEE FIG. 2)
- D) CONNECT TUBE FROM SOLENOID VALVE OUT TO FILTER IN.
- E) CONNECT FILTER OUT TO FILLER DELIVERY FITTING.

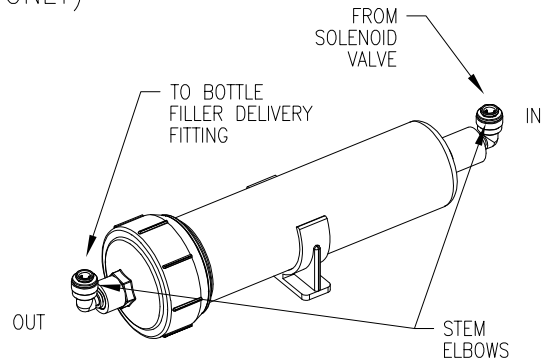


FIG. 3

STEP 2B: FILTER LOCATION (WITH CHILLER)

- A) SCREW FILTER CLIP TO CHILLER IN LOCATION SHOWN IN FIG. 4. (SCREW PROVIDED)
- B) INSTALL 1/4" STEM ELBOWS (PROVIDED) IN FILTER INLET AND OUTLET.
- C) PLACE FILTER IN CLIP AS SHOWN.

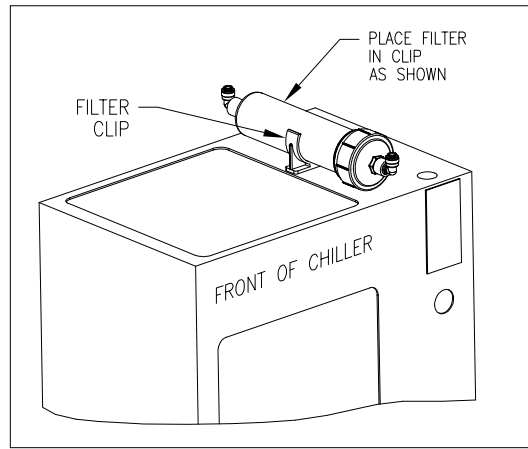


FIG. 4

STEP 3B: FILTER INSTALLATION (WITH CHILLER)

- A) CUT WATER LINE FROM BOTTLE FILLER SOLENOID VALVE OUT TO CONNECT TO FILTER IN. SQUEEZE TUBE ENDS TO ROUND SHAPE AS NEEDED.
- B) FILTER OUTLET WILL BE CONNECTED TO CHILLER INLET.

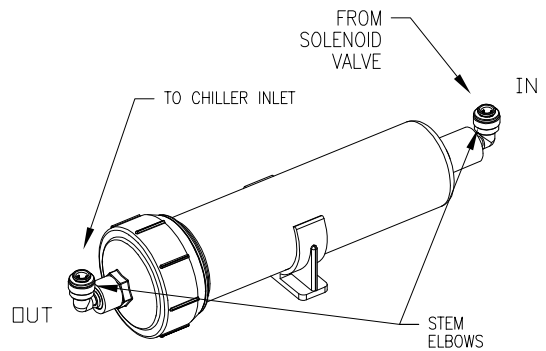
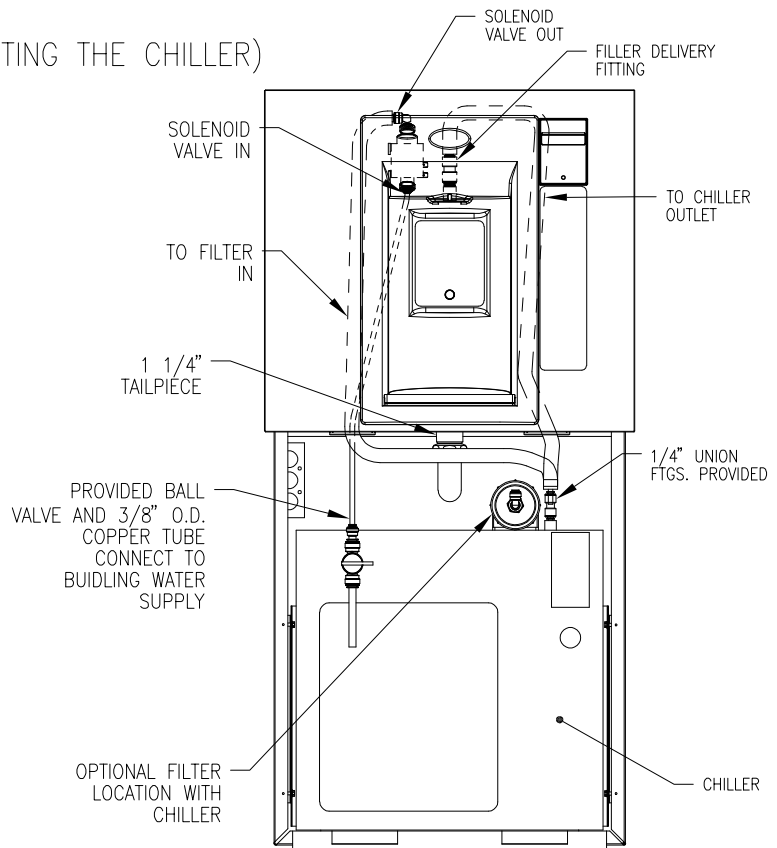


FIG. 5

MW8EBF AND MW12EBF (CONNECTING THE CHILLER)

- A) ATTACH CRADLE TO FRAME PER ROUGH IN DRAWING. (SCREWS PROVIDED - 4)
- B) PLACE CHILLER IN FRAME.
- C) INSTALL 1/4" UNION FITTINGS ON CHILLER INLET AND OUTLET.
- D) CONNECT WATER LINE FROM BOTTLE FILLER SOLENOID VALVE OUT TO FILTER IN. CONNECT CHILLER "OUT" TO BOTTLE FILLER DELIVERY FITTING. NOTE: SQUEEZE ENDS OF TUBES BACK TO ROUND SHAPE AS NEEDED AFTER CUTTING.



M8EBF AND M12EBF CHILLER AND FOUNTAIN CONNECTIONS

- A) INSTALL CHILLER IN FRAME.
- B) INSTALL 1/4" UNION ON CHILLER INLET.
- C) CONNECT 1/4" UNION TEE TO CHILLER OUTLET.
- D) DETERMINE TUBE LENGTH NEEDED TO CONNECT BOTTLE FILLER SOLENOID "IN" TO CHILLER TEE. (USE LINE WITH ATTACHED BALL VALVE) CUT 1/4" OD TUBE AND CONNECT TO BRANCH OF TEE. SQUEEZE TUBE END BACK TO ROUND SHAPE AS NEEDED BEFORE CONNECTING.
- E) ATTACH REMAINING TUBING FROM BALL VALVE TO CHILLER INLET (OR FILTER INLET IF APPLICABLE).
- F) REMOVE REDUCER FITTING AND COPPER TUBE FROM FOUNTAIN WATER LINE. INSTALL PROVIDED 1/4" UNION.
- G) DETERMINE LENGTH OF TUBE NEEDED TO CONNECT BOTTLE FILLER SOLENOID "OUT" TO BOTTLE FILLER DELIVERY FITTING, CUT OFF EXCESS. SQUEEZE TUBE END BACK TO ROUND SHAPE AS NEEDED.
- H) USE EXCESS TUBE TO CONNECT FOUNTAIN TO CHILLER TEE.

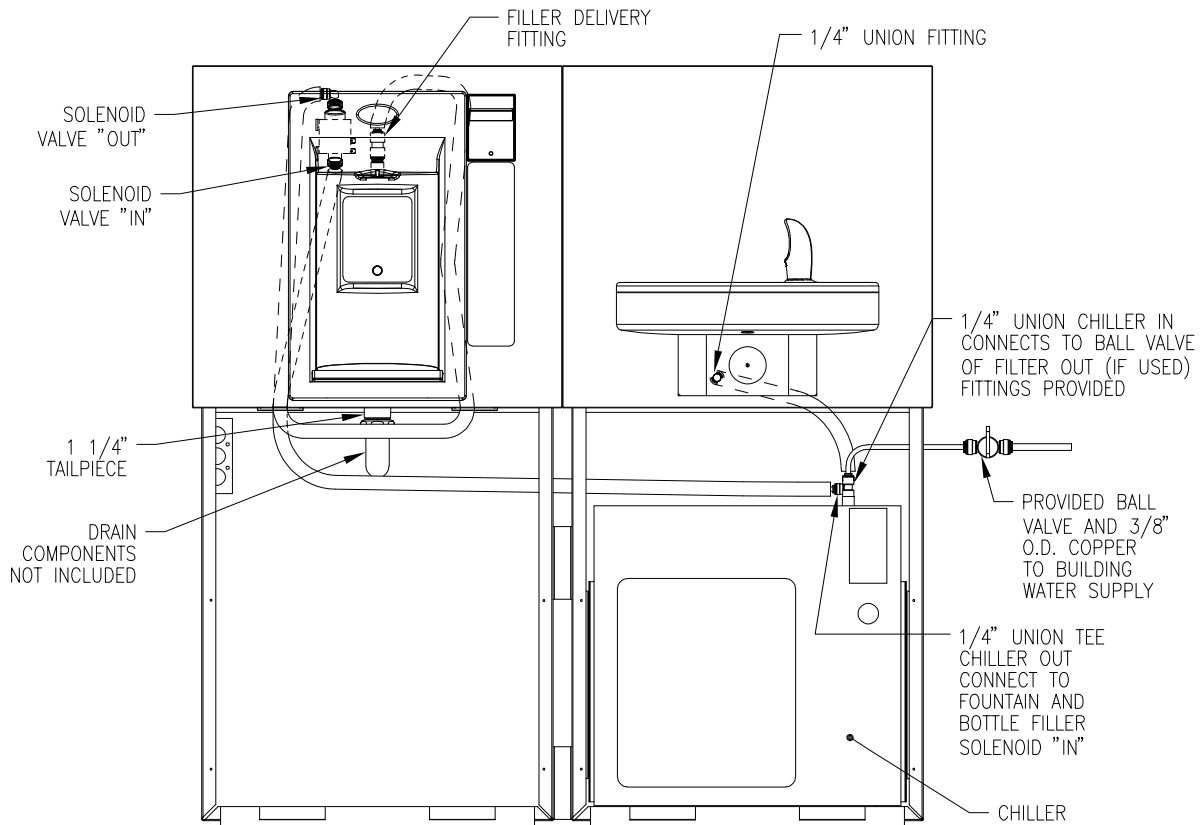
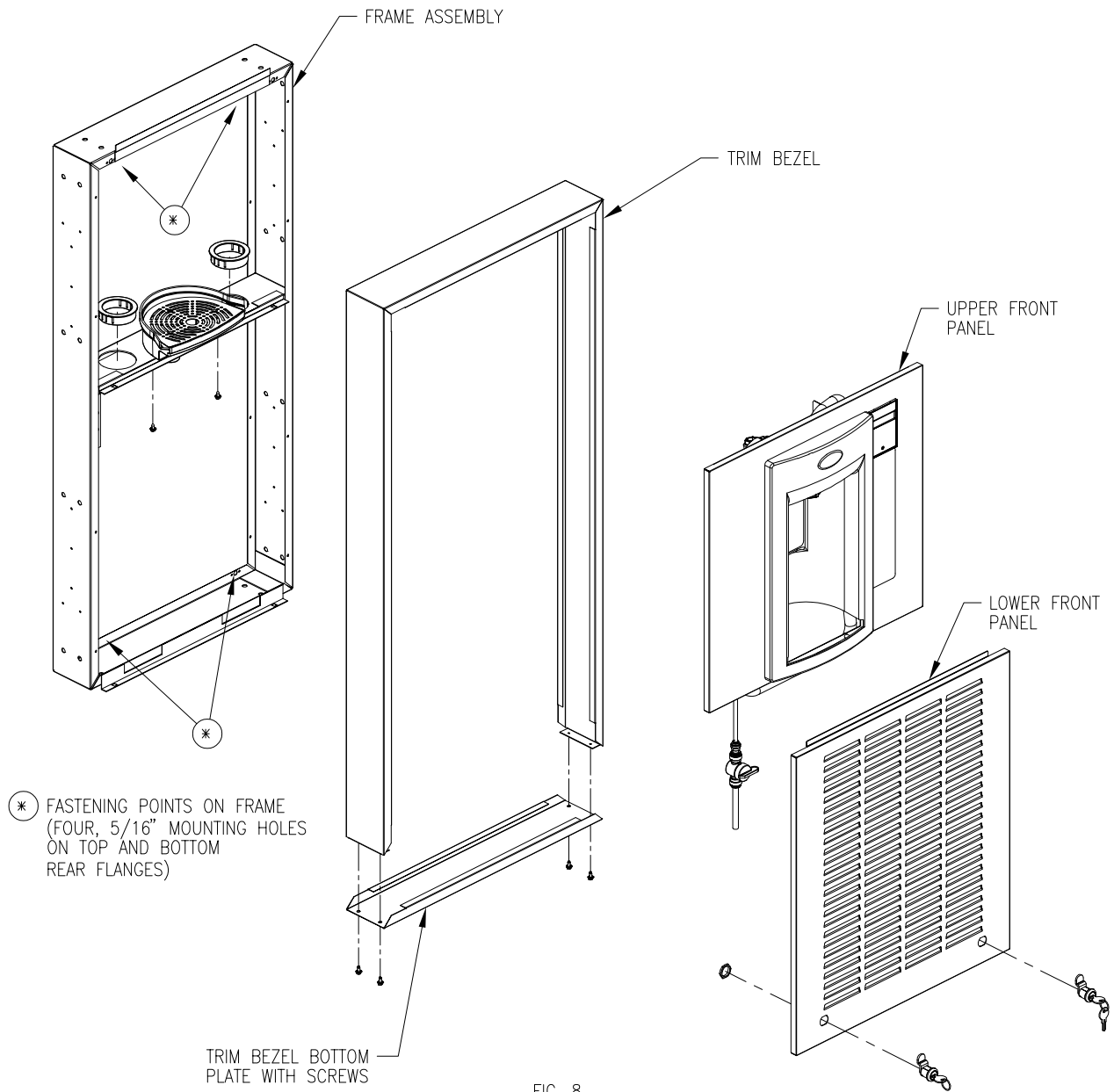


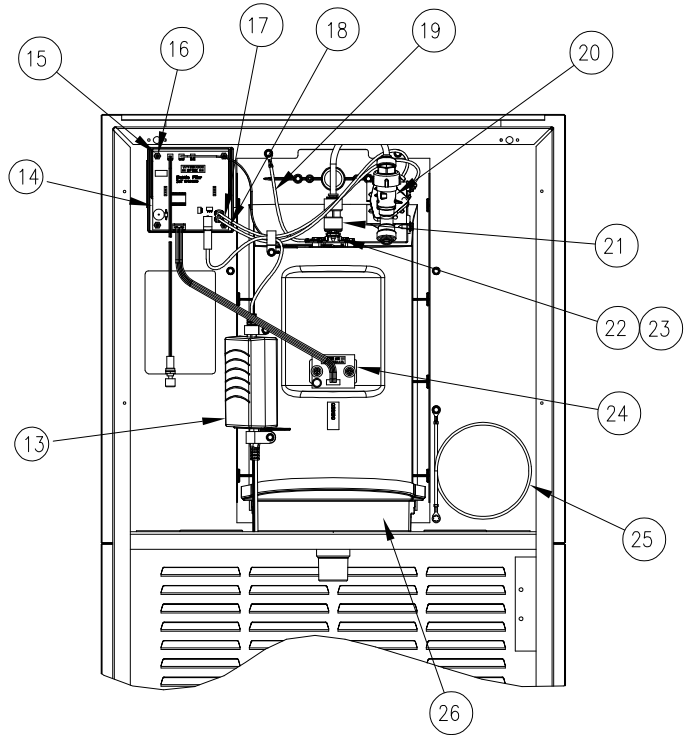
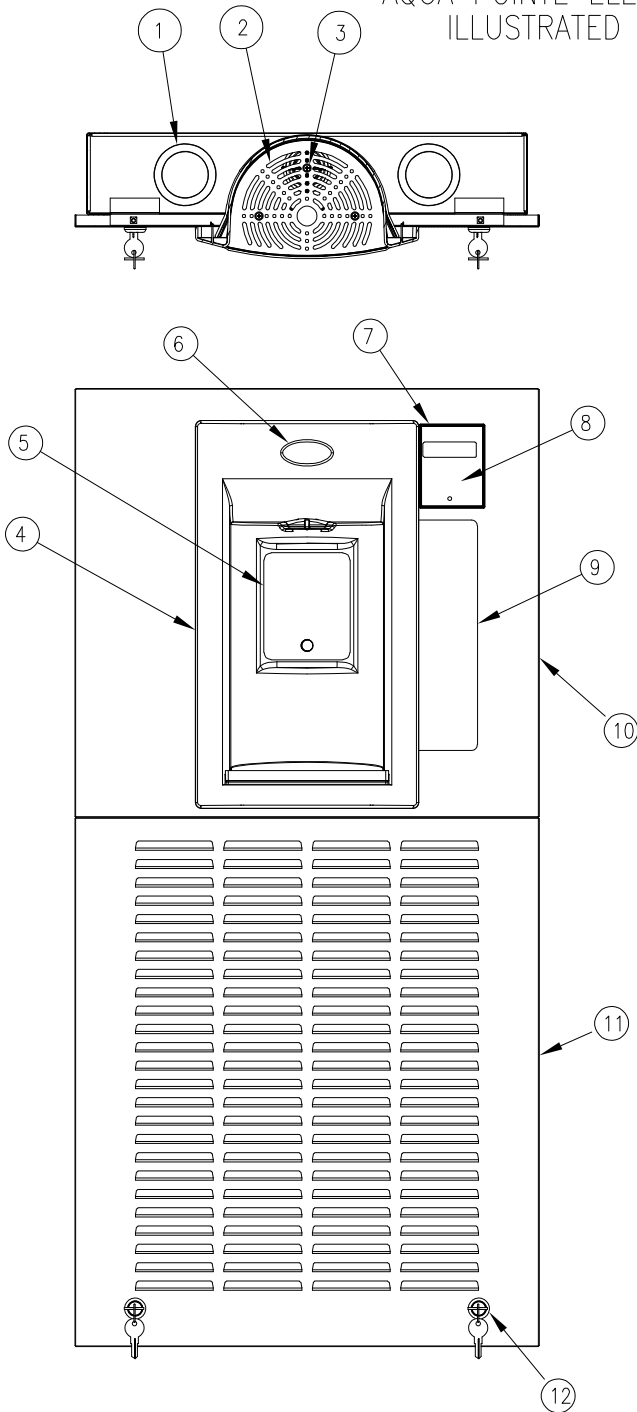
FIG. 7

TRIM BEZEL INSTALLATION

- A) INSTALL FRAME ASSEMBLY TO A FLAT SURFACE. USE APPROPRIATE FASTENING HARDWARE (NOT INCLUDED). REFER TO ROUGH IN FOR CORRECT INSTALLATION HEIGHT.
- B) REMOVE BOTTOM PLATE FROM TRIM BEZEL (4 SCREWS).
- C) INSTALL TRIM BEZEL TO FRAME ASSEMBLY AND REPLACE BOTTOM PLATE WITH SCREWS.
- D) INSTALL DRAIN ASSEMBLY, SNAP BUSHINGS AND ANY OTHER ACCESSORIES INCLUDED WITH THIS KIT.
- E) INSTALL UPPER AND LOWER FRONT PANEL.

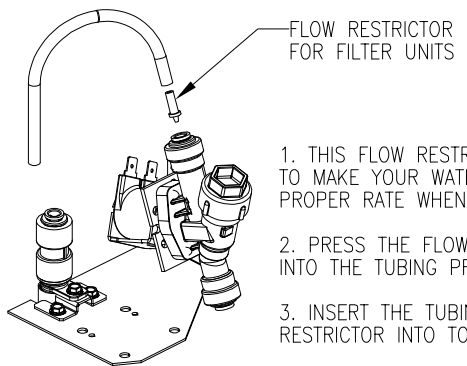


AQUA POINTE ELECTRONIC BOTTLE FILLER ILLUSTRATED PART BREAK DOWN



ITEMS NOT SHOW (27)

ITEM	DESC.	PART #	QTY.
1	BUSHING, SNAP 2.5"	027189-012	2
2	GRILLE, MSBF	036192-001	1
3	SCREW, FLAT HD TAPPING	026675-003	3
4	ALCOVE, EBF	036190-003	1
5	LABEL, ALCOVE SENSOR	038031-006	1
6	NAMEPLATE, OASIS	031434-014	1
7	BEZEL, LCD DISPLAY	038025-003	1
8	LABEL, LCD BEZEL	038031-005	1
9	LABEL, PANEL	038031-007	1
10	PANEL, EBF BOTTLE FILLER UPPER	027624-413	1
11	PANEL, MWSBF LOWER LOUVER	027697-005	1
12	LOCK ASSY NO CAM	031657-006	2
13	POWER SUPPLY, 12VDC	038036-003	1
14	ELECTRONICS ASSY, IR/LCD	038026-002	1
15	NUT, HEX NYLON	026824-026	4
16	SCREW, HEX HEAD NYLON MACHINE	038944-002	4
17	LEAD WIRE ASSY 14FF (BLACK)	017340-483	1
18	LEAD WIRE ASSY 14FF (RED)	021929-177	1
19	LEAD WIRE ASSY 6GG (GREEN)	021339-102	1
20	SOLENOID VALVE 12VDC	038030-002	1
21	FTG, PP REDUCING UNION	028668-101	1
22	ADAPTER, FLOW NOZZLE	038029-001	1
23	FLOW NOZZLE ASSY	038032-001	1
24	LENS, IR BOTTLE FILLER	038027-001	1
25	LEAD WIRE ASSY 16GG (GREEN)	021339-177	1
26	DRAIN, MSBF	036191-001	1
27	ANGLE, CRADLE MTG	026210	2



- FLOW RESTRICTOR FOR FILTER UNITS
1. THIS FLOW RESTRICTOR IS INTENDED TO MAKE YOUR WATER FLOW AT THE PROPER RATE WHEN A FILTER IS INSTALLED.
 2. PRESS THE FLOW RESTRICTOR FIRMLY INTO THE TUBING PROVIDE.
 3. INSERT THE TUBING WITH THE FLOW RESTRICTOR INTO TOP OF THE SOLENOID VALVE.