



Water Coolers

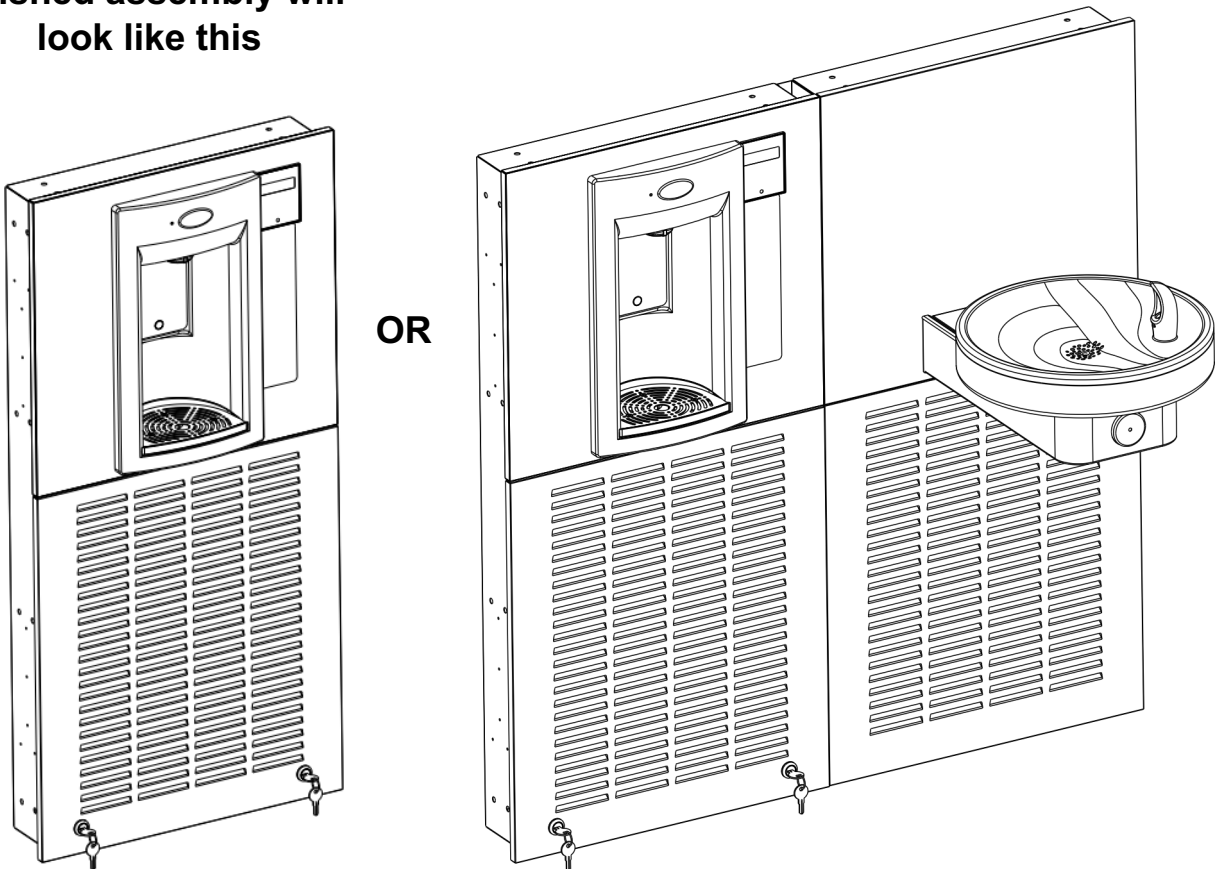
QUASAR Hands-Free Bottle Filler

UVC-LED WATER TREATMENT

Models MWEBQ, MW8EBQ, MW12EBQ, MWSMEBQ, MWSM8EBQ, MWSM12EBQ, M8EBQ, M12EBQ, MWF2EBQ, MW8F2EBQ, MW12F2EBQ, MWSMF2EBQ, MWSM8F2EBQ, MWSM12F2EBQ, M8F2EBQ, M12F2EBQ

Installation Instructions

When completed, the finished assembly will look like this



Section 1: Getting Started

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.

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

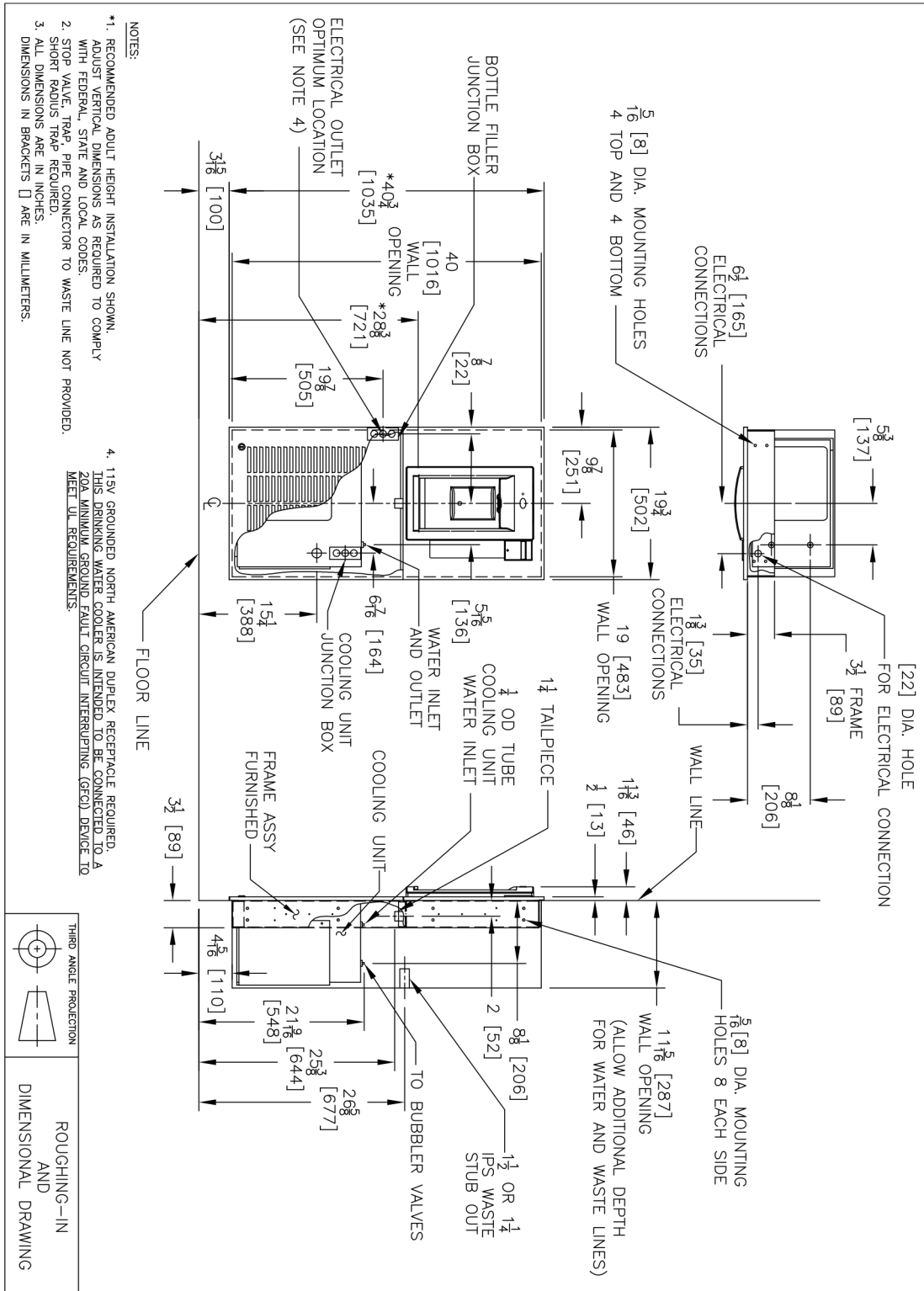
The warranty and the Underwriters' Laboratory Listing for this machine are automatically voided if this machine is altered, modified, or combined with any other machine or device. Alteration or modification of this machine may cause serious flooding and/or hazardous electrical shock or fire.

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.

Section 2: Rough In Drawing

OASIS Modular Hands-Free QUASAR VersaFiller (with or without VersaFilter II and Remedi Filter)

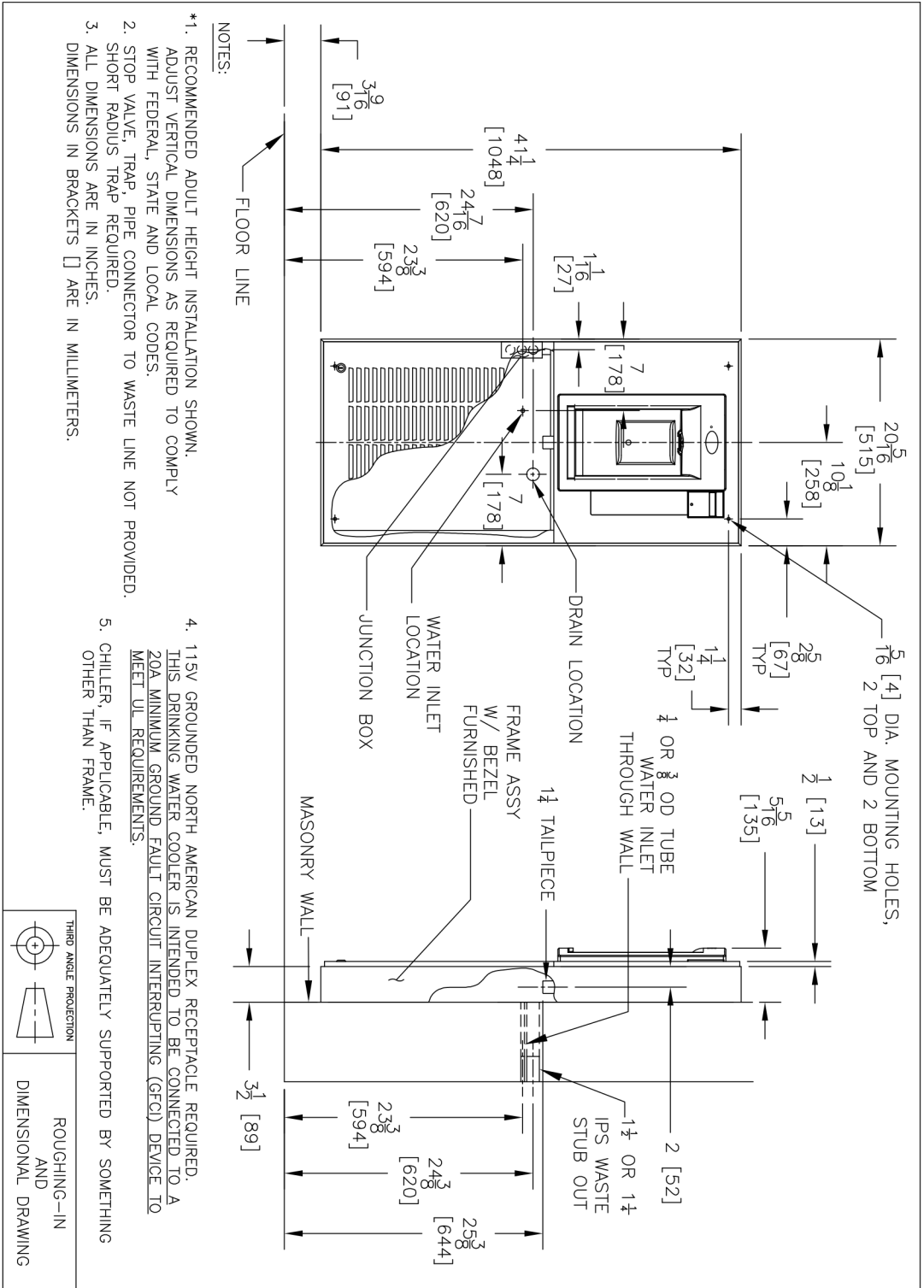
Models MWEBQ, MW8EBQ, MW12EBQ, MWF2EBQ, MW8F2EBQ, MW12F2EBQ



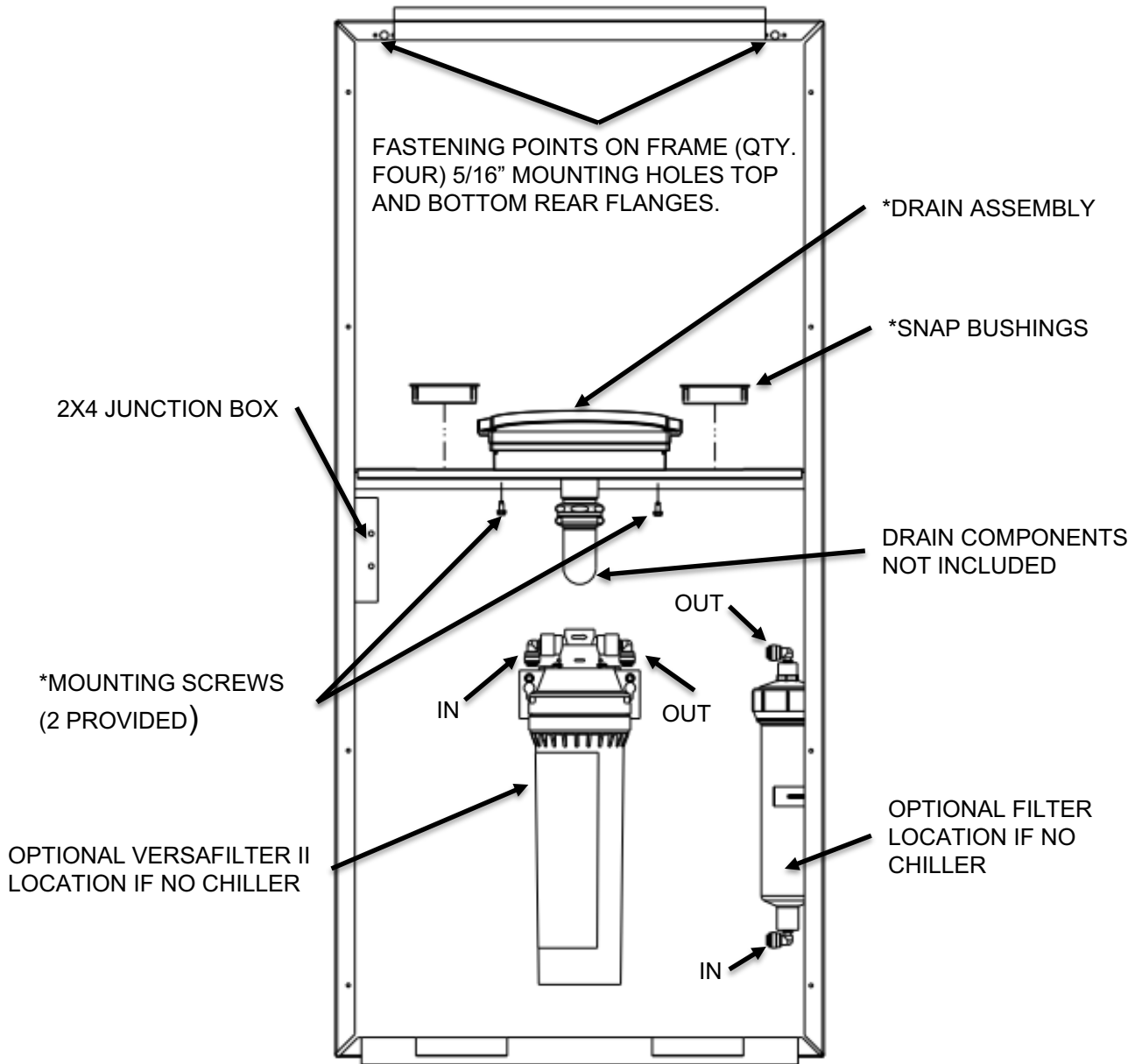
Section 2: Rough In Drawing

OASIS Modular Hands-Free QUASAR VersaFiller (with or without VersaFilter II and Remedi Filter)

Models MWSMEBQ, MWSM8EBQ, MWSM12EBQ, MWSMF2EBQ, MWSM8F2EBQ, MWSM12F2EBQ



Section 3: Installation– Without Chiller

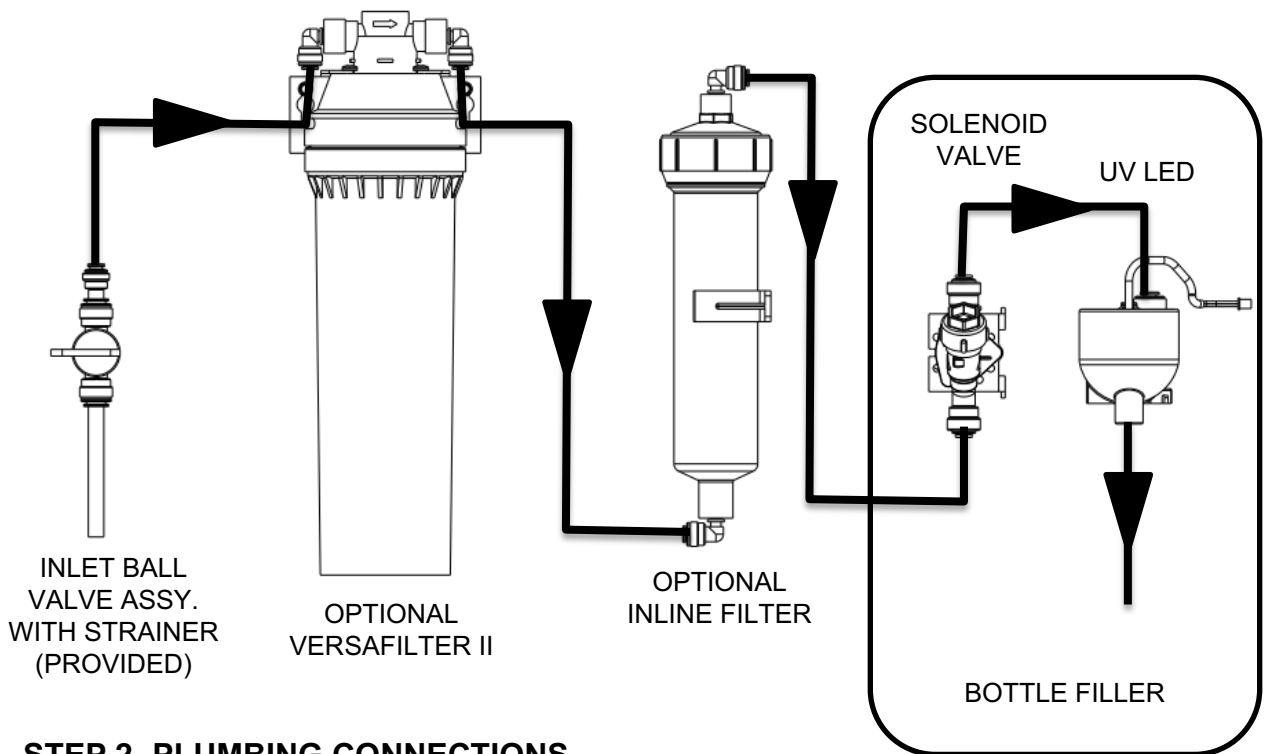


STEP 1- INSTALL FRAME ASSEMBLY

* PROVIDED WITH BOTTLE FILLER

- A) INSTALL FRAME ASSEMBLY PER ROUGH-IN DRAWING. NOTE, IF APPLICABLE, REFER TO TRIM BEZEL INSTALLATION INSTRUCTIONS ON PAGE 8 BEFORE CONTINUING WITH STEP 2. NOTE THE FRONT FLANGE OF THE FRAME MUST BE FLUSH WITH THE FINISHED WALL SURFACE UNLESS A TRIM BEZEL IS DESIRED.
- B) INSTALL DRAIN ASSEMBLY
- C) INSTALL SNAP BUSHINGS
- D) MOUNT OPTIONAL FILTERS. WALL OPENING DEPTH MUST BE AT LEAST 5" DEEP TO ACCOMMODATE THE VERSAFILTER II.
- E) INSTALL PROVIDED STEM ELBOWS ON THE INLET AND OUTLET OF THE FILTERS.

PLUMBING DIAGRAM



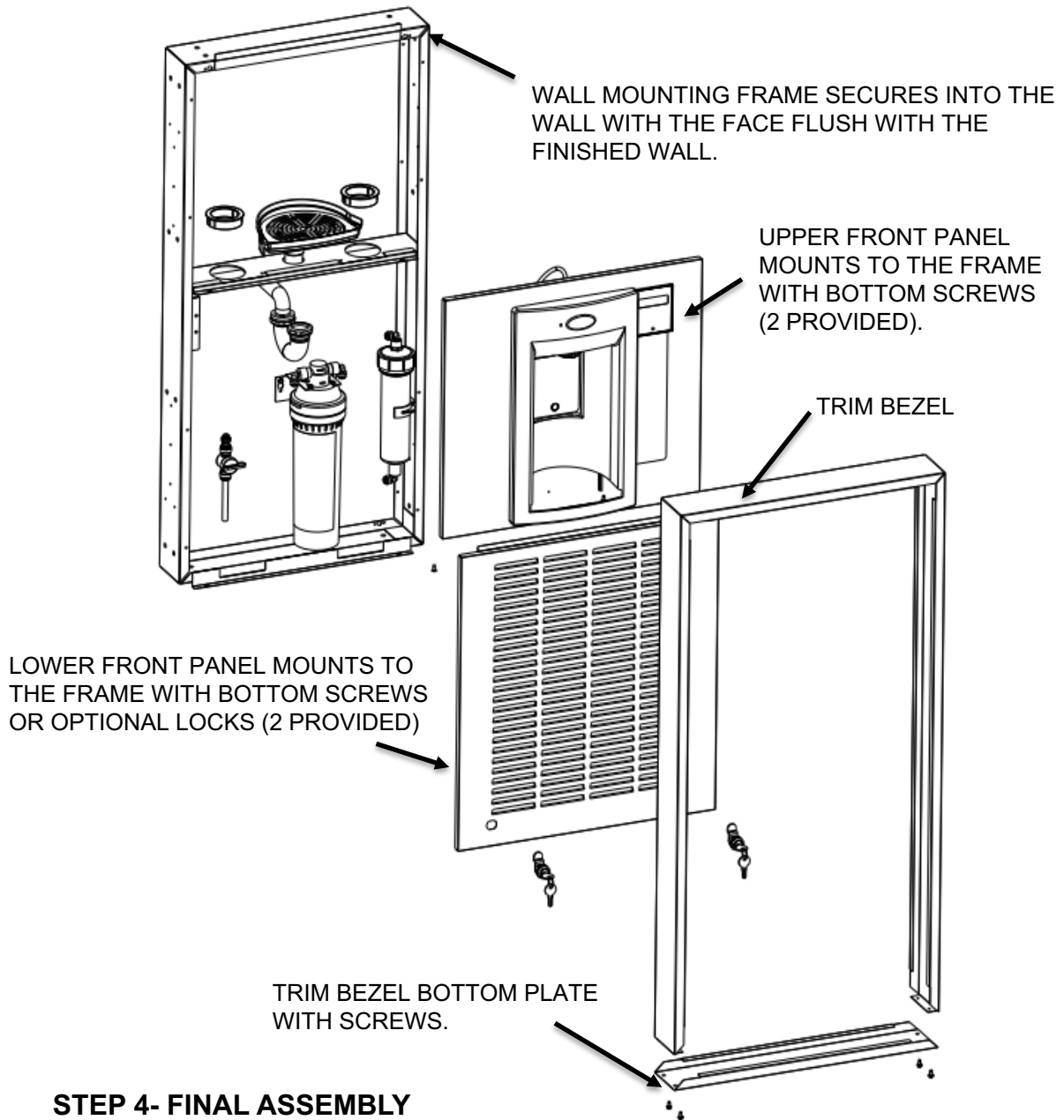
STEP 2- PLUMBING CONNECTIONS

- PLUMBING ROUGH-IN AND WALL OPENING SHOULD BE PREPARED AS SHOWN IN THE ROUGH-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).
- INSTALL PROVIDED 3/8" O.D. COPPER TUBE, STRAINER, BALL VALVE, AND REDUCER TO THE BUILDING WATER SUPPLY.
- INSTALL TUBING AS SHOWN ABOVE.

STEP 3- ELECTRICAL CONNECTIONS

- A 2 X 4 JUNCTION BOX IS PROVIDED FOR THE INSTALLATION OF A 115V RECEPTACLE. THIS UNIT IS INTENDED TO BE CONNECTED TO A GROUND FAULT CIRCUIT INTERRUPTING (GFCI) DEVICE TO MEET UL REQUIREMENTS. IT IS RECOMMENDED THAT A 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 PRODUCT DATA PLATE.
- 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.
- ATTACH THE LONG GREEN GROUND WIRE TO THE FRAME ASSEMBLY JUNCTION BOX GROUND, THEN PLUG IN THE BOTTLE FILLER POWER CORD.

Section 3: Installation --Without Chiller



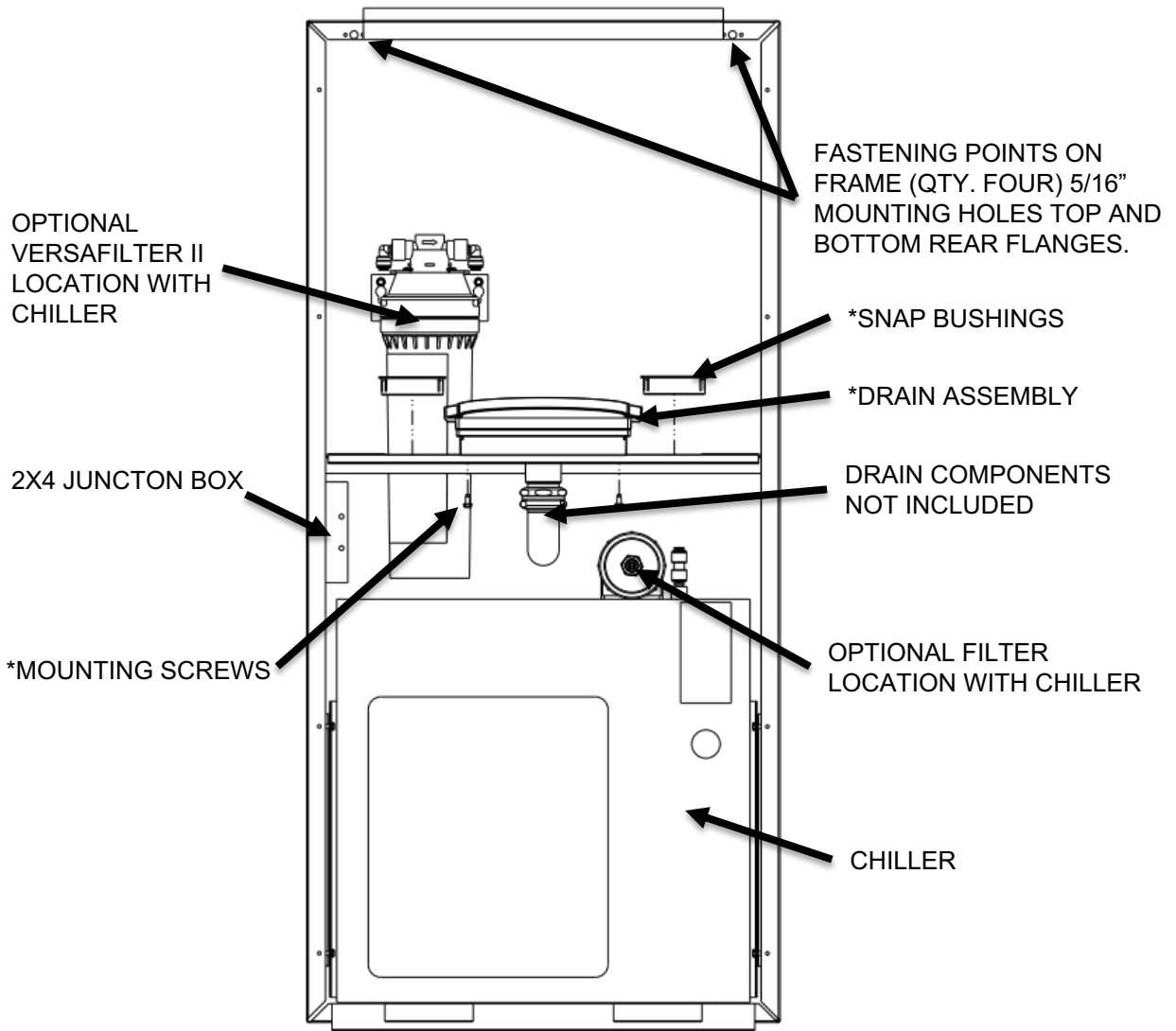
STEP 4- FINAL ASSEMBLY

- A) INSTALL UPPER FRONT PANEL ASSEMBLY (SCREWS PROVIDED)
- B) INSTALL LOWER FRONT PANEL USING SUPPLIED SCREWS OR LOCKS.

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 4 SCREWS.

Section 4: Installation– With Chiller

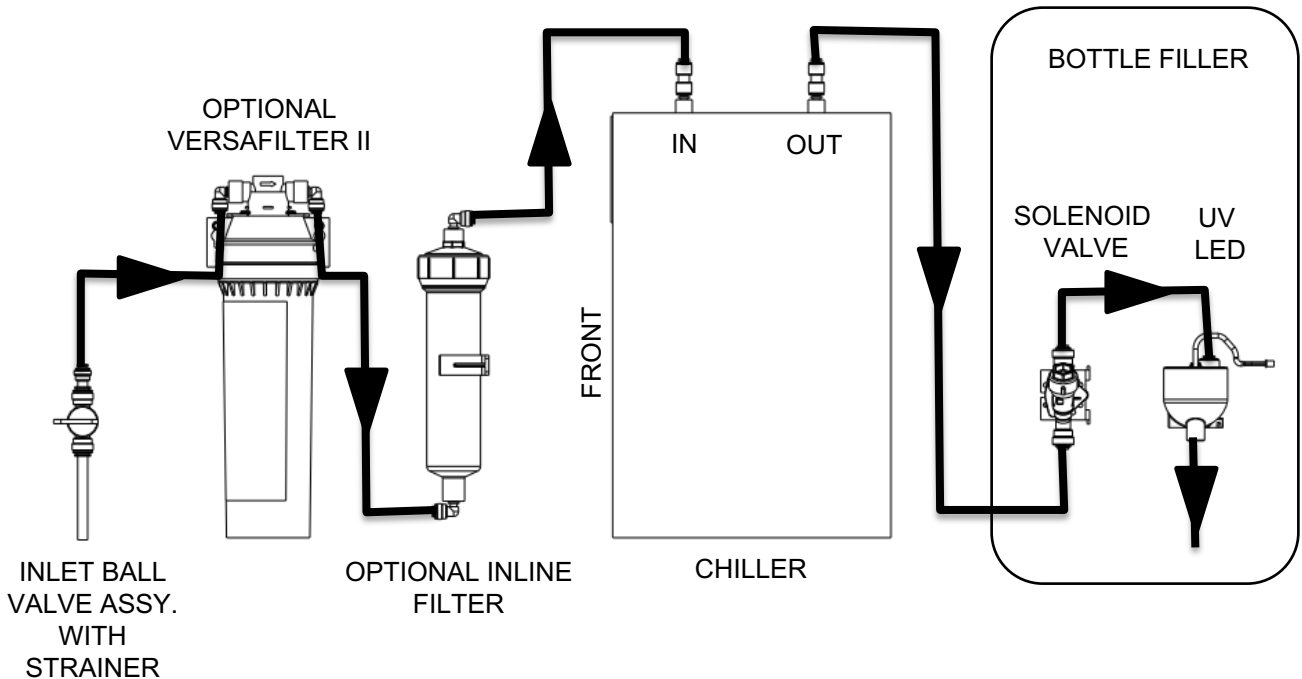


STEP 1- INSTALL FRAME ASSEMBLY

*PROVIDED WITH BOTTLE FILLER

- A) INSTALL FRAME ASSEMBLY PER ROUGH IN DRAWING. NOTE, IF APPLICABLE, REFER TO TRIM BEZEL INSTALLATION INSTRUCTIONS ON PAGE 8 BEFORE CONTINUING WITH STEP 2. NOTE THE FRONT FLANGE OF THE FRAME MUST BE FLUSH WITH THE FINISHED WALL SURFACE UNLESS A TRIM BEZEL IS DESIRED.
- B) SECURE CRADLE MOUNTING ANGLES TO THE FRAME FLANGE USING THE SCREWS PROVIDED. (SEE PAGE 12) DO NOT TIGHTEN THE SCREWS. SLIDE THE CRADLE BETWEEN THE ANGLES AND ATTACH TO THE ANGLES WITH SCREWS PROVIDED. TIGHTEN ALL SCREWS.
- C) PLACE CHILLER IN FRAME CRADLE.
- D) INSTALL DRAIN ASSEMBLY.
- E) INSTALL SNAP BUSHINGS.

PLUMBING DIAGRAM



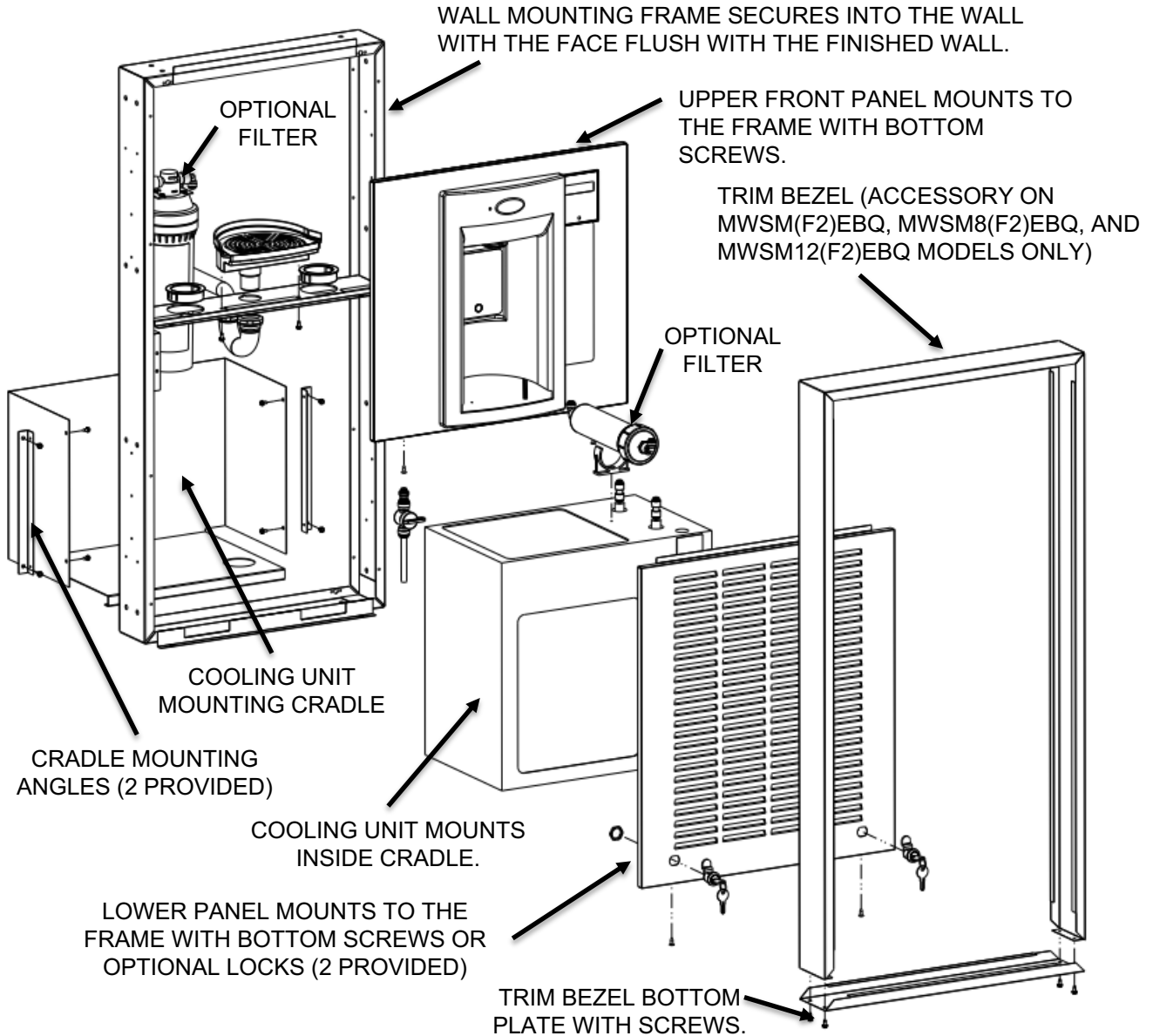
STEP 2- PLUMBING CONNECTIONS

- A) PLUMBING ROUGH-IN AND WALL OPENING SHOULD BE PREPARED AS SHOWN IN THE ROUGH-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).
- B) ASSEMBLE THE OPTIONAL INLINE FILTER CLIP TO THE CHILLER IN THE LOCATION SHOWN ON PAGE 12.
- C) INSTALL STEM ELBOWS (PROVIDED) ON THE INLINE FILTER.
- D) PLACE THE INLINE FILTER IN THE CLIP AS SHOWN ON PAGE 12.
- E) MOUNT THE VERSAFILTER II IN THE LOCATION SHOWN ON PAGE 9 AND PAGE 12.
- F) INSTALL STEM ELBOWS (PROVIDED) ON THE VERSAFILTER II.
- G) INSTALL 1/4" UNION FITTINGS (PROVIDED) ON CHILLER INLET AND OUTLET.
- H) INSTALL PROVIDED 3/8" O.D. COPPER TUBE, STRAINER, BALL VALVE, AND REDUCER TO THE BUILDING WATER SUPPLY.
- I) INSTALL TUBING AS SHOWN ABOVE.
- J) NOTE THE TUBING FROM THE CHILLER OUTLET FITTING TO THE SOLENOID VALVE INLET FITTING SHOULD BE INSULATED (PROVIDED). THE TUBING FROM THE SOLENOID VALVE OUTLET FITTING TO THE UV LED INLET FITTING SHOULD ALSO BE INSULATED.

STEP 3- ELECTRICAL CONNECTIONS

- A) A 2 X 4 JUNCTION BOX IS PROVIDED FOR THE INSTALLATION OF A 115V RECEPTACLE. THIS UNIT IS INTENDED TO BE CONNECTED TO A GROUND FAULT CIRCUIT INTERRUPTING (GFCI) DEVICE TO MEET UL REQUIREMENTS. IT IS RECOMMENDED THAT A 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 PRODUCT DATA PLATE.
- B) 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.
- C) ATTACH THE LONG GREEN GROUND WIRE TO THE FRAME ASSEMBLY JUNCTION BOX GROUND, THEN PLUG IN THE BOTTLE FILLER POWER CORD.

Section 4: Installation– With Chiller



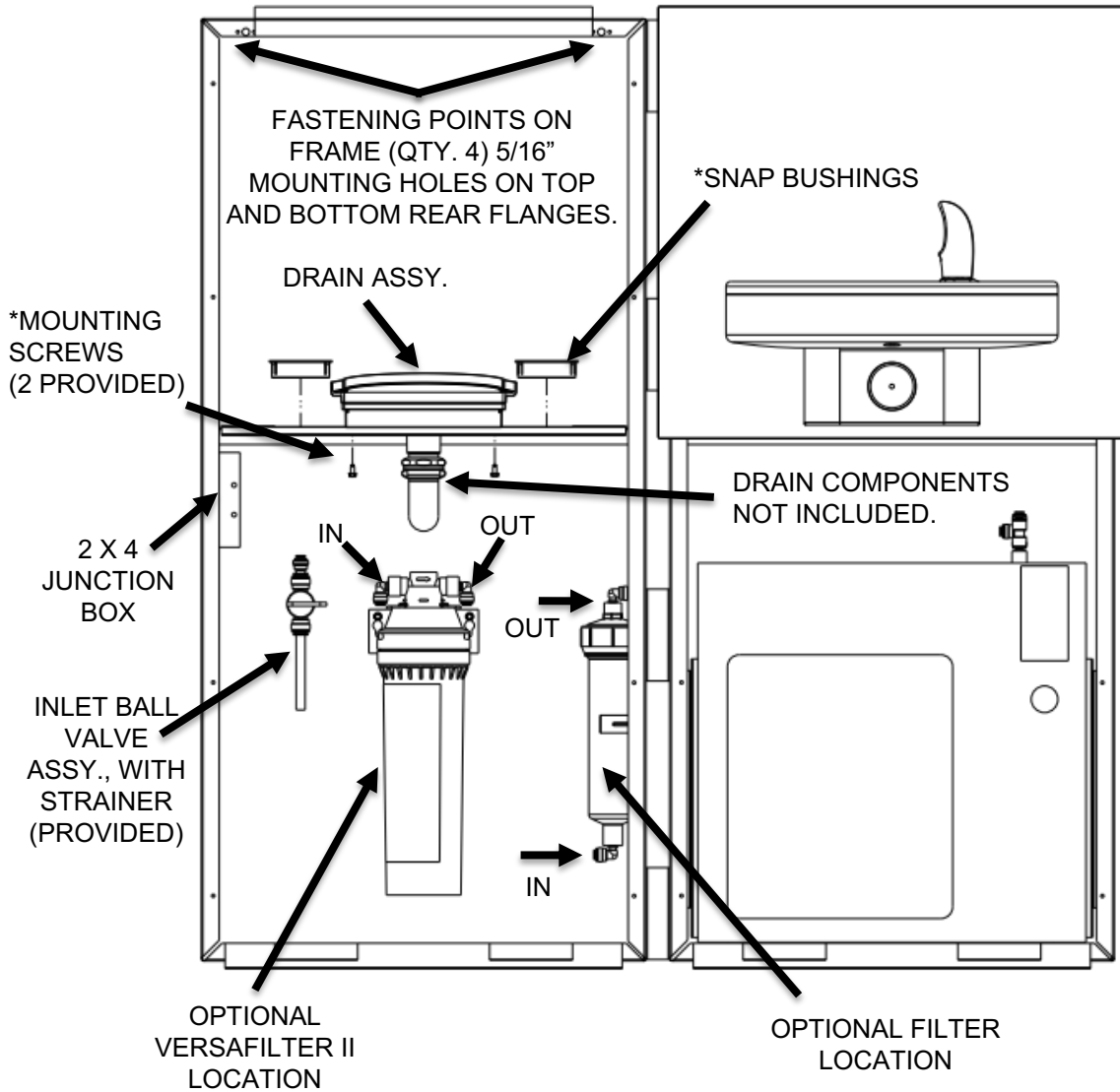
STEP 4- FINAL ASSEMBLY

- A) INSTALL UPPER FRONT PANEL ASSEMBLY USING SCREWS PROVIDED.
- B) INSTALL LOWER FRONT PANEL USING SCREWS OR LOCKS PROVIDED.

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 4 SCREWS.

Section 5: Installation– With Chiller and Fountain Connection



STEP 1- INSTALL LEFT FRAME ASSEMBLY

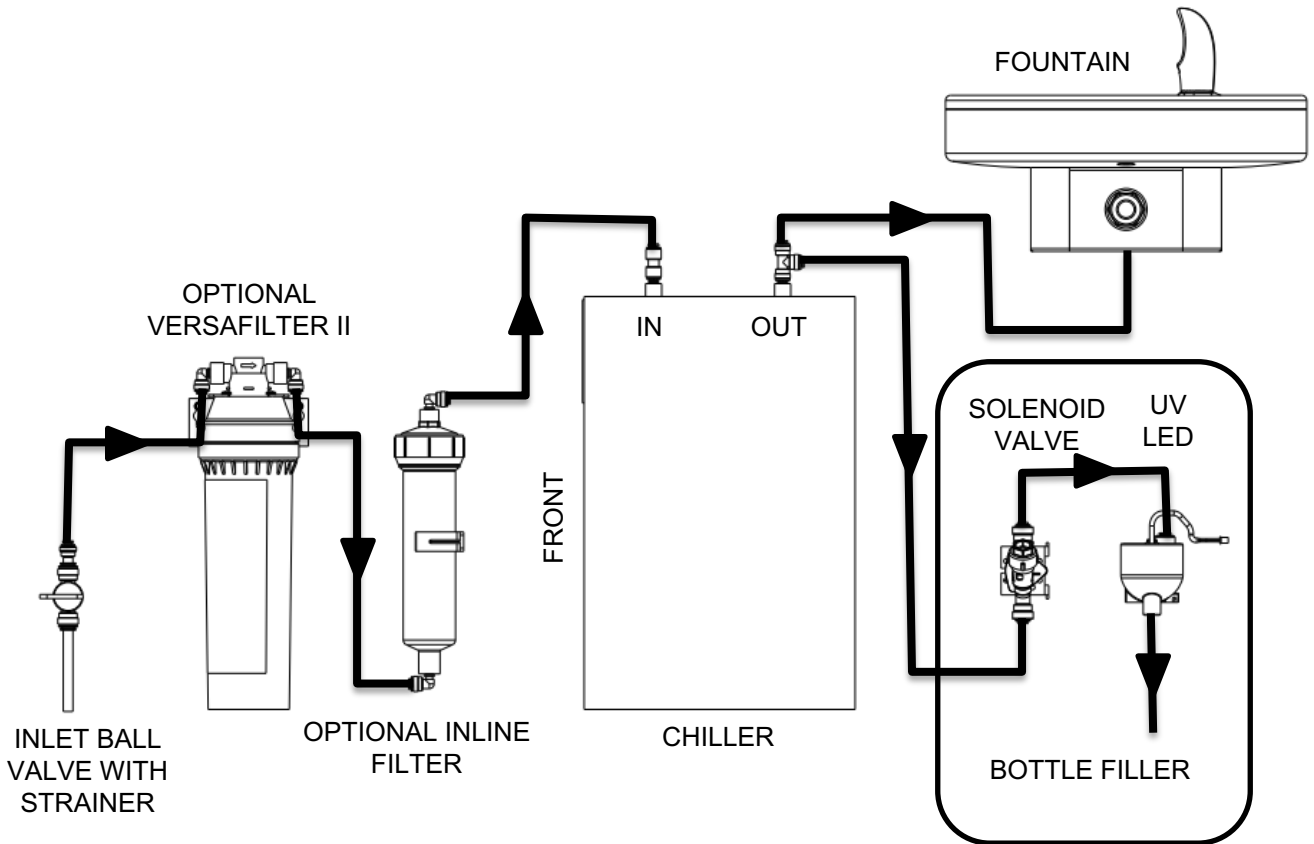
*PROVIDED WITH BOTTLE FILLER

- A) INSTALL FRAME ASSEMBLY PER ROUGH IN DRAWING. NOTE, IF APPLICABLE, REFER TO TRIM BEZEL INSTALLATION INSTRUCTIONS ON PAGE 12 BEFORE CONTINUING WITH STEP 2. NOTE THE FRONT FLANGE OF THE FRAME MUST BE FLUSH WITH THE FINISHED WALL SURFACE. UNLESS A TRIM BEZEL IS DESIRED.
- B) INSTALL DRAIN ASSEMBLY
- C) INSTALL SNAP BUSHINGS
- D) MOUNT OPTIONAL FILTERS. WALL OPENING DEPTH MUST BE AT LEAST 5" DEEP TO ACCOMMODATE THE VERSAFILTER II.

STEP 2- INSTALL RIGHT FRAME ASSEMBLY

- A) ASSEMBLE THE RIGHT FRAME WITH THE PROVIDED MODULAR WATER COOLER AND FOUNTAIN ASSEMBLY INSTRUCTION DOCUMENT PROVIDED.

PLUMBING DIAGRAM



STEP 3- PLUMBING CONNECTIONS

- A) PLUMBING ROUGH-IN AND WALL OPENING SHOULD BE PREPARED AS SHOWN IN THE ROUGH-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).
- B) MOUNT OPTIONAL FILTERS AS SHOWN ON PAGE 13. WALL OPENING DEPTH MUST BE AT LEAST 5" DEEP TO ACCOMMODATE THE VERSAFILTER II.
- C) INSTALL PROVIDED STEM ELBOWS ON THE INLET AND OUTLET OF THE FILTERS.
- D) INSTALL PROVIDED 1/4" UNION FITTING ON CHILLER INLET.
- E) INSTALL PROVIDED 1/4" UNION TEE FITTING ON CHILLER OUTLET.
- F) INSTALL PROVIDED 3/8" O.D. COPPER TUBE, STRAINER, BALL VALVE, AND REDUCER TO THE BUILDING WATER SUPPLY.
- G) INSTALL TUBING AS SHOWN ABOVE.
- H) NOTE THE TUBING FROM THE CHILLER OUTLET FITTING TO THE SOLENOID VALVE INLET FITTING SHOULD BE INSULATED (PROVIDED). THE TUBING FROM THE SOLENOID VALVE OUTLET FITTING TO THE UV LED INLET FITTING SHOULD BE INSULATED. THE TUBING FROM THE CHILLER TO THE FOUNTAIN SHOULD ALSO BE INSULATED.

STEP 4- ELECTRICAL CONNECTIONS

- A) A 2 X 4 JUNCTION BOX IS PROVIDED FOR THE INSTALLATION OF A 115V RECEPTACLE. THIS UNIT IS INTENDED TO BE CONNECTED TO A GROUND FAULT CIRCUIT INTERRUPTING (GFCI) DEVICE TO MEET UL REQUIREMENTS. IT IS RECOMMENDED THAT A 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 PRODUCT DATA PLATE.
- B) 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.
- C) ATTACH THE LONG GREEN GROUND WIRE TO THE FRAME ASSEMBLY JUNCTION BOX GROUND, THEN PLUG IN THE BOTTLE FILLER POWER CORD.

STEP 5- LEFT FRAME FINAL ASSEMBLY

- A) INSTALL UPPER FRONT PANEL ASSEMBLY (SCREWS PROVIDED).
- B) INSTALL LOWER FRONT PANEL USING SUPPLIED SCREWS OR LOCKS.

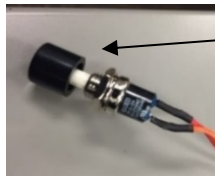
STEP 6- RIGHT FRAME FINAL ASSEMBLY

- A) ASSEMBLE THE RIGHT FRAME WITH THE PROVIDED MODULAR WATER COOLER AND FOUNTAIN ASSEMBLY INSTRUCTION DOCUMENT PROVIDED.

Section 6: Set-up guide for bottle filler electronics

Factory default program settings are:

- Units - Gallons
- Unfiltered unit
- Flow Meter = Rate Selected
- Filter Capacity = 1250 gallons [4731 liters] for a VersaFilter
- Bottle Count = 0.5L (1 Bottle)
- Flow Rate = 1.2 GPM
- 20 second maximum dispense time

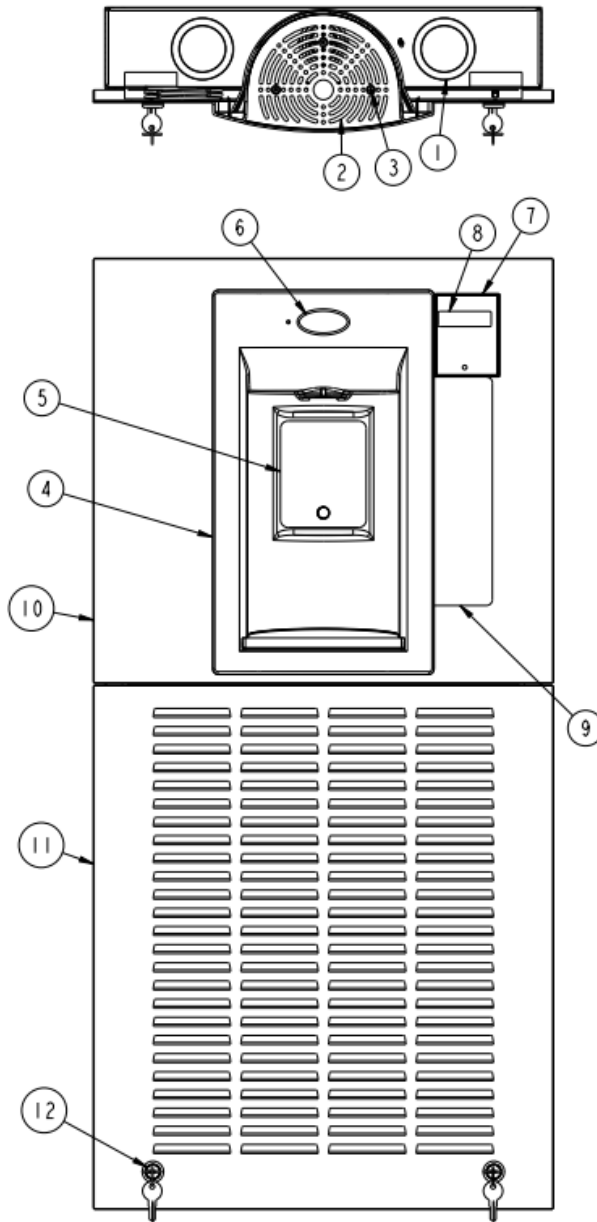


Pushbutton

To change the program settings, follow these steps:

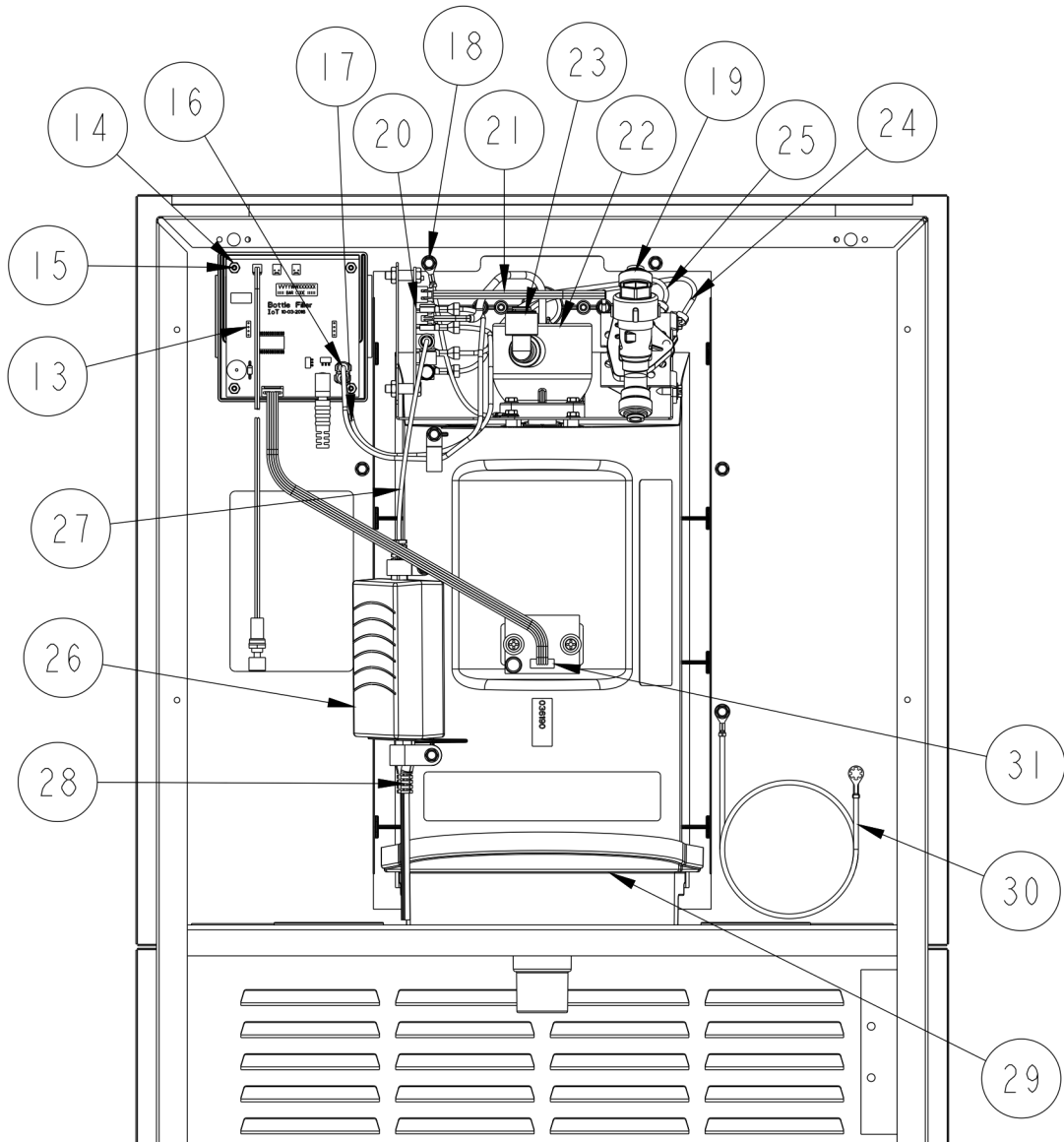
<u>Display</u>	<u>Action</u>
00000000 BOTTLES REUSED (Home Screen)	Depress button for 3 seconds to enter into the following menu settings and make changes. Note: at anytime it will exit menu and save settings when idle for 10 seconds (no button press) and revert back to Home Screen.
LTR/GAL GAL	Depress button 3 seconds to change from Gallons to Liters, or momentary press to advance to next menu.
UNFILT/FILT? UNFILT UNIT	Depress button 3 seconds to change from Unfiltered to Filtered unit, or momentary press to advance to next menu.
FLOW METER? RATE SELECTED	Depress button 3 seconds to change from Rate Selected to (Flow) Meter Enabled, or momentary press to advance to next menu. Not included on all models.
SELECT RATE 1.2 GPM UNIT	To change flow rate, momentarily depress button to change whole gallon digit. Hold button 3 seconds to advance to TENTHS of gallon digit. Depress momentarily to change the digit. Hold button 3 seconds to advance to the next menu.
RESET 00000000 GALLON CNT [LTR COUNT]	Depress button for 3 seconds to reset Gallon or Liter count, or momentary press to advance to next menu.
FILT CAPAC OF 1250 GAL [4731 LTR]	Depress button for 3 seconds to change filter capacity to 3000 GAL [11355 liters] for Versafilter II or Galaxi green filter, or momentary press to advance to next menu.
3 sec rule? 0.5L	Depress button for 3 seconds to switch from 0.5L bottle to 3 sec rule, or momentary press to advance to next menu. (The 3 Sec rule increases the bottle count based on a 3 second dispense.)
Reset 00000000 BOT COUNT?	Depress button for 3 seconds to reset (Home Screen) BOTTLES REUSED count, or momentary press to advance to next menu.
Bot Filler Set_time: 20 s	Depress button for 3 seconds to change maximum dispense time to 10, 20 or 30 seconds, or momentary press to advance to next menu.
RUN CAL AGAIN?	Depress button 3 seconds to run calibration again, or momentary press to advance to next menu.

Section 7: Parts Breakdown



ITEM	DESCRIPTION	PART #	QTY.	ITEM	DESCRIPTION	PART #	QTY.
1	BUSHING, SNAP 2.5"	027189-012	2	17	LEAD WIRE ASSY 14FF (RED)	021929-177	1
2	GRILLE, MSBF	036192-001	1	18	LEAD WIRE ASSY 6GG (GREEN)	021339-102	1
3	SCREW, FLAT HD TAPPING	026675-003	3	19	SOLENOID VALVE 12VDC	038030-002	1
4	ALCOVE, EBF, UV LED	036190-005	1	20	PCB, UV	041051-001	1
5	LABEL, ALCOVE SENSOR	038031-006	1	21	CABLE ASSY., 3 WIRE UV LED	041061-001	1
6	NAMEPLATE, OASIS	031434-014	1	22	UVC LED 9+ VISIBLE POD MODULE	041050-002	1
7	BEZEL, LCD DISPLAY	038025-003	1	23	FTG., PP REDUCING ELBOW	029962-103	1
8	LABEL, LCD BEZEL	038031-005	1	24	LEAD WIRE ASSY BLACK 14"	017340-483	1
9	LABEL, PANEL, QUASAR	038031-011	1	25	LEAD WIRE ASSY RED 14"	021929-177	1
10	PANEL, EBF BOTTLE FILLER UPPER	027624-413	1	26	POWER SUPPLY, 12VDC	038036-003	1
11	PANEL, MWSBF LOWER LOUVER	027697-005	1	27	POWER ADAPTER CABLE, 18 GA. DC	041052-001	1
12	LOCK ASSY NO CAM	031657-006	2	28	CORD ASSY., DC POWER SUPPLY	038168-001	1
13	ELECTRONICS ASSY, IR/LCD	038026-002	1	29	DRAIN, MSBF	036191-001	1
14	NUT, HEX NYLON	026824-026	4	30	LEAD WIRE ASSY 16GG (GREEN)	021339-177	1
15	SCREW, HEX HEAD NYLON MACHINE	038944-002	4	31	LENS, IR BOTTLE FILLER	038027-001	1
16	LEAD WIRE ASSY 14FF (BLACK)	017340-483	1				

Section 7: Parts Breakdown



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4	ALCOVE, EBF, UV LED	036190-005	1	20	PCB, UV	041051-001	1
5	LABEL, ALCOVE SENSOR	038031-006	1	21	CABLE ASSY., 3 WIRE UV LED	041061-001	1
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12	LOCK ASSY NO CAM	031657-006	2	28	CORD ASSY., DC POWER SUPPLY	038168-001	1
13	ELECTRONICS ASSY, IR/LCD	038026-002	1	29	DRAIN, MSBF	036191-001	1
14	NUT, HEX NYLON	026824-026	4	30	LEAD WIRE ASSY 16GG (GREEN)	021339-177	1
15	SCREW, HEX HEAD NYLON MACHINE	038944-002	4	31	LENS, IR BOTTLE FILLER	038027-001	1
16	LEAD WIRE ASSY 14FF (BLACK)	017340-483	1				

P/N 030099-606 Date: 10/2019

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