

SERVICE REQUIREMENTS

⚠ WARNING! *Read and understand the contents of this manual before attempting to service Aramark Countertop or Refresh Center. Failure to follow the instructions in this manual could result in death, serious personal injury, or severe property damage. Only trained and qualified technicians should attempt to install, maintain, or service Waterlogic Equipment.*

1. Visually inspect all electrical and water connections for signs of wear or damage.

⚠ DANGER! *HIGH VOLTAGE ELECTRICAL HAZARD. Unplug before inspection and service.*

2. **Waterlogic** recommends changing the UV Lamp every 12 months.

NOTE: When replacing the UV Lamp Assembly ^{*}, the UV Lamp wiring harness must also be replaced.

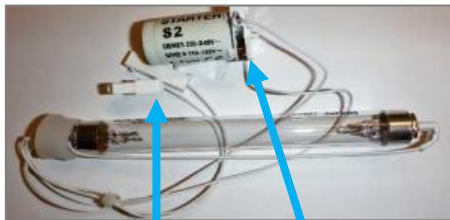


NOTE: The Glow Starter shown to the right may appear blackened which is normal.

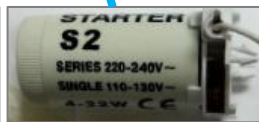
^{*} If the Water Treatment System has an S2 Starter, it is fully interchangeable with the UV Lamp with Glow Starter.

Switching from S2 Starter to existing Glow-Starter UV Lamp Assembly Instructions

UV Lamp Assembly with S2 Starter:
Not available as a repair part

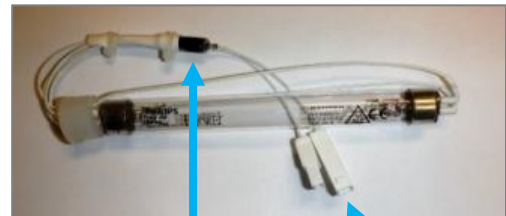


UV Lamp Connectors



S2 Starter

UV Lamp Assembly with Glow Starter Part #'s:
4-Watt Bulb 12-2350 (CT-2084)
8-Watt Bulb 10-2350 (CT-2083)



Glow Starter



UV Lamp Connectors

- A. Disconnect Lamp Male and Female Connection Clips from Ballast.
- B. Remove the S2 Starter by pulling upwards.
- C. Remove UV Lamp.

- D. Install Glow Starter UV Lamp.
- E. Connect UV Lamp Male and Female Connection Clips to Ballast.

⚠ WARNING! ULTRAVIOLET RADIATION. *Protect your skin and eyes against ultraviolet rays. Never look directly at an operating UV light. Disconnect before removing UV Lamp.*

⚠ CAUTION! UV LAMPS ARE HAZARDOUS. *Lamps are considered Hazardous Waste and must be disposed of accordingly. Refer to Product MSDS sheet for details.*

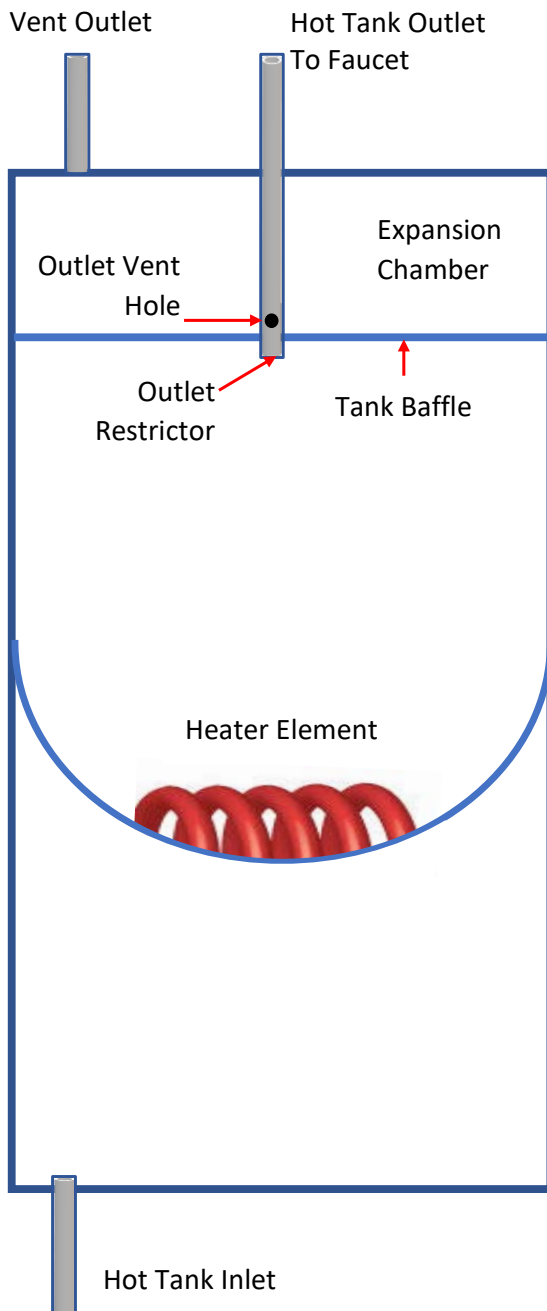
3. Clean the quartz sleeve that surrounds the UV lamp with a non-abrasive cloth, descaling solution, or ultrasonic bath if needed when changing UV lamps.

⚠ CAUTION! UV SYSTEM IS FRAGILE. *Never handle the UV lamp or Quartz Sleeve with bare hands. UV Lamp and quartz sleeve must be free of oils and contaminants to ensure proper operation. Use a soft non-abrasive cloth to clean.*

4. Inspect the Quartz Sleeve O-ring for wear or damage and replace as necessary.
5. Ensure there is adequate (minimum of 2”) clearance around the **Aramark Countertop or Refresh Center** and clean the condenser grill and compressor fan to provide efficient cooling system operation.
6. Sanitize the cold tank per instructions in the pre-installation procedures.
7. Clean and sanitize external surfaces of the **Aramark Countertop or Refresh Center**. Use soap and water or chemicals that are compatible with ABS plastic and will not damage or degrade the product surfaces.
8. Remove and clean the Faucet. Replace as needed.

⚠ WARNING! SANITIZER MAY CONTAIN HAZARDOUS CHEMICALS. *Use of proper personal protective equipment such as rubber gloves and eye protection is required.*

HOT TANK PRINCIPLES OF OPERATION



All **Waterlogic** Hot Tanks have a built in Vent or Expansion Chamber in the top of the tank except for WL270 (GF) units.

The Vent Chamber allows for expansion of the water when it is heated.

The chambers are separated by a welded-in tank baffle.

Water always flows into the bottom of the tank and out the top to the faucet.

The hot tank outlet tube has a restrictor in its base. This ensures the reservoir is always full by allowing more water in than out.

There is a small hole in the side of the tank outlet tube that allows air and water to pass into the vent chamber as it is heated.

Water in the vent chamber is suctioned back through the outlet tube vent hole when water is dispensed.




Expansion of water as it is heated in the reservoir will push the water out the faucet when the outlet tube vent hole becomes plugged with debris or scale.

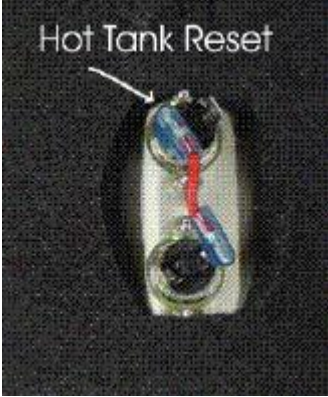

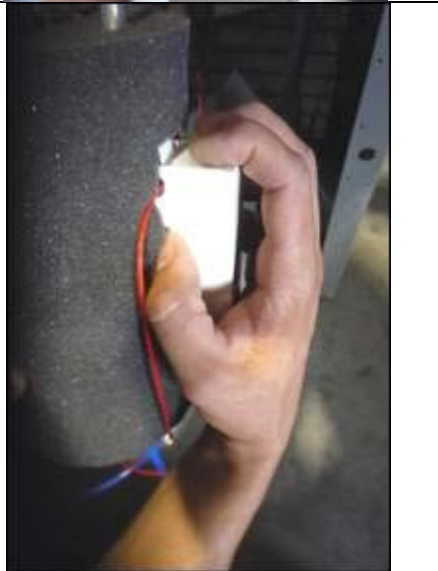
The small Outlet Vent Hole is susceptible to scale build up and is a key indicator that descaling is required.

It is critical to descale the Hot Tank through the vent line and outlet line on a regular basis to prevent this problem.

Descaling through the inlet and/or outlet lines only will not clean the vent chamber and outlet vent hole properly.

RESETTING THE HOT TANK OVERLOAD OR HIGH LIMIT SAFETY

1.	<p>Red Heater and Compressor Switch must be in the OFF position</p> <p><i>O=OFF</i></p> 
2.	<p>Unplug the Power Cord from rear of <i>Aramark Countertop or Refresh Center.</i></p>
3.	<p>Refresh Center Model: Remove the <u>Lower Front Panel</u> by removing the Phillips Head Screws underneath the Lower Front Panel.</p> <p>Counter Top Model: Remove the <u>Side Panel</u> by removing Phillips Head Screws from Side Panel.</p>
4.	<p>Locate the protective metal box on the rear of the Hot Tank.</p> <p>As you look through the condenser coils on the rear of the unit, you will see the Hot Tank located on the right-hand side.</p> 
5.	<p>Reach up behind the Hot Tank and take hold of the Protective Metal Box covering the Thermostat and Overload on the Hot Tank.</p> <p>There are nuts that secure the metal box to the Hot Tank. However, the nuts are loose enough to allow you to remove the metal box.</p> <p>If the nuts on the metal box are too tight, loosen the nuts securing the Hot Tank to the upper base of the unit and lower the hot tank so you can remove the metal box.</p> <p><i>For demonstrative purposes, photos below have lowered the Hot Tank from the unit.</i></p> 

<p>6.</p>	<p>Press the reset button</p>  <p>The image shows a small, rectangular metal component with two circular buttons. The top button is blue and the bottom button is red. A white arrow points to the blue button. The text 'Hot Tank Reset' is printed above the buttons.</p>	 <p>A close-up photograph showing a person's hand pressing the blue reset button on the metal component. The component is mounted on a dark, cylindrical surface.</p>
<p>7.</p>	<p>Reattach the metal box by depressing the top flap of the Metal Box so it snaps back into its original position on the Hot Tank.</p>	 <p>A close-up photograph showing a person's hand holding a metal box and snapping it back into its original position on the hot tank. The box is white and has a top flap that is being depressed.</p>
<p>8.</p>	<p>Replace Panel on unit using Phillips head screws.</p>	
<p>9.</p>	<p>Plug in the Power Cord.</p>	
<p>10</p>	<p>Make sure the Hot and Cold Tanks are filled with water BEFORE turning on the Red Heater and Compressor Switch.</p> <p>Verify the cooler is fully operational before installing it at the customers' site.</p>	

HOT TANK DESCALING INSTRUCTIONS

The Hot Tank requires removal of mineral deposits (descaling) on a regular basis. Typically descaling should take place every 6 to 12 months to preserve the long-term health of your unit.

Use non-toxic cleaner such as ScaleKleen, DEZCAL, 20% Citric Acid Solution, or Undiluted Vinegar Solution to remove mineral deposits as directed by the manufacturer depending upon filtration and local water conditions.

Descaling is an important process that removes calcium deposits, or scale, that can build up inside a tank over time. Calcium and scale is non-toxic but left unattended will hinder your **Aramark Countertop or Refresh Center's** performance.

⚠ WARNING! PERSONAL PROTECTIVE EQUIPMENT REQUIRED. Always ensure proper ventilation and use rubber or nitrile gloves and eye protection when using chemicals. Refer to Material Safety Data Sheet for specific requirements of each product.

⚠ CAUTION! STAINLESS STEEL TANK DESCALING.

*The Hot Tank is made from stainless steel. Ensure descaling solution is compatible with stainless and always flush the **Aramark Countertop or Refresh Center** completely. Dispose in an environmentally safe manner.*

Materials Needed:

- Personal Protective Equipment. Rubber or Nitrile Safety Gloves and Protective Eyewear
 - Phillips Screwdriver
 - Temperature Gauge
 - Water Pitcher or Container to collect water from the faucet
 - 5-gallon container or drain basin
 - Citric Acid Based Cleaner
 - ¼" Plastic Tubing, at least 4 feet in length, and assorted ¼" quick connect fittings
 - Sanitizing Cartridge
 - Food Coloring
1. Put descaler per directions and 3 drops of food coloring into the descaling cartridge.
 2. Connect descaling cartridge to the inlet water supply and connect to inlet bulkhead fitting on the back of the **Aramark Countertop or Refresh Center**. Turn on Water Supply.
 3. Select Hot Water and depress the Main Dispensing Button on the Front Control Panel until descaling solution (colored water) comes out of the faucet. Container and drain basin will be required to catch water from the faucet.
 4. Turn off water supply and remove sanitizing cartridge from inlet water supply. Reconnect water supply to inlet fitting.

5. Allow descaling solution to remain in the Hot Tank for 15 minutes (length of time may vary depending on water conditions).
6. Place a pitcher, catch basin or other container under the faucet of the ***Aramark Countertop or Refresh Center***.
7. Flush the Hot Tank until water runs clear.
8. Once clear Water dispenses from the faucet the Hot Tank has been descaled. Always ensure the ***Aramark Countertop or Refresh Center*** is performing to the customer's satisfaction.

⚠ WARNING! HOT WATER HAZARD. The ***Aramark Countertop and Refresh Centers produce Hot Water up to 86°C (187°F)***. Water above 52°C (125°F) can cause severe burns or scalding. Hot water should be dispensed carefully into insulated container to avoid injury.

⚠ CAUTION! MUST REPLACE HOT TANK EVERY 3-5 YEARS DEPENDING ON USAGE
The Hot Tank and its controls must be replaced a minimum of every three to five years depending on usage to ensure efficient and dependable operation.

⚠ WARNING! REINSTALL ALL PANELS AND COVERS. Always reinstall all Panels, protective covers, and fasteners after servicing equipment. Failure to do so could result in severe personal injury and will void the certifications and warranty of the equipment.

LG COMPRESSOR UPGRADE

*Parts List in this manual updated to reflect these changes.

New LG Compressor 120V R134A 1/8HP CSB035LJCM with external start/run capacitor.

New LG Compressor with External Start/Run Capacitor



External Capacitor

New LG CSB035 LJCM
Compressor

Repair/Replacement Parts for are
not interchangeable with
older/other compressors.

Older version of LG compressor is
obsolete and no longer available.

New LG CSB035LJCM 120V R134A 1/8HP Compressor Repair Parts

Part # CO-0017-L00-00	LG Compressor 120V CSB035LJCM-PTC Relay
Part # CO-0018-L00-00	LG Compressor 120V CSB035LJCM-Overload Protector
Part # CO-0019-L00-00	LG Compressor 120V CSB035LJCM-Capacitor

REPLACEMENT COMPONENTS (CONSUMABLES)

Component	WLCP Part No.	Frequency of Replacement
UV Light, 4 Watts Assembly Counter Top	12-2350	Every 12 months, or as required CT-2084
UV Light, 8 Watts Assembly Refresh Center	10-2350	Every 12 months, or as required CT-2083
Hot Tank 1.6 Liter (.42 Gallons) 87°C (189°F) Counter Top	12-1406	Replace every 3-5 years depending on usage HT-3018-A
Hot Tank 1.6 Liter (.42 Gallons) 87°C (189°F) Refresh Center	12-1405	Replace every 3-5 years depending on usage HT-3018
Black Quartz Sleeve O-Ring	10-2500	Each time Quartz Sleeve is replaced CT-2006
GAC Filter - 10" Carbon Activated Inline Filter - Optional	FT-0035	Every 6-months or as required. Local water conditions will determine proper filter type and maintenance schedule. FT-0035-IL-WLT
Carbon Block - 10" CBC 1 Micron Lead and Cyst Reduction Inline Filter – Optional	FT-0063	Every 6-months or as required. Local water conditions will determine proper filter type and maintenance schedule. FT-0063-IL-WLT
Sediment Block - 10" Sediment 20 Micron Inline Filter - Optional	FT-0053	Every 6-months or as required. Local water conditions will determine proper filter type and maintenance schedule. FT-0053-IL-WLT

Replacement parts can be obtained from *Waterlogic* or an *Authorized Waterlogic Dealer*. See Parts Layouts, Drawings, and Lists for additional repair parts.

Hot Tank Service

Hot Tanks (with controls) must be replaced at least every Replace every 3-5 years depending on usage. Descaling hot tank may be required on a regular basis depending upon filtration and local water conditions. See Service Section.

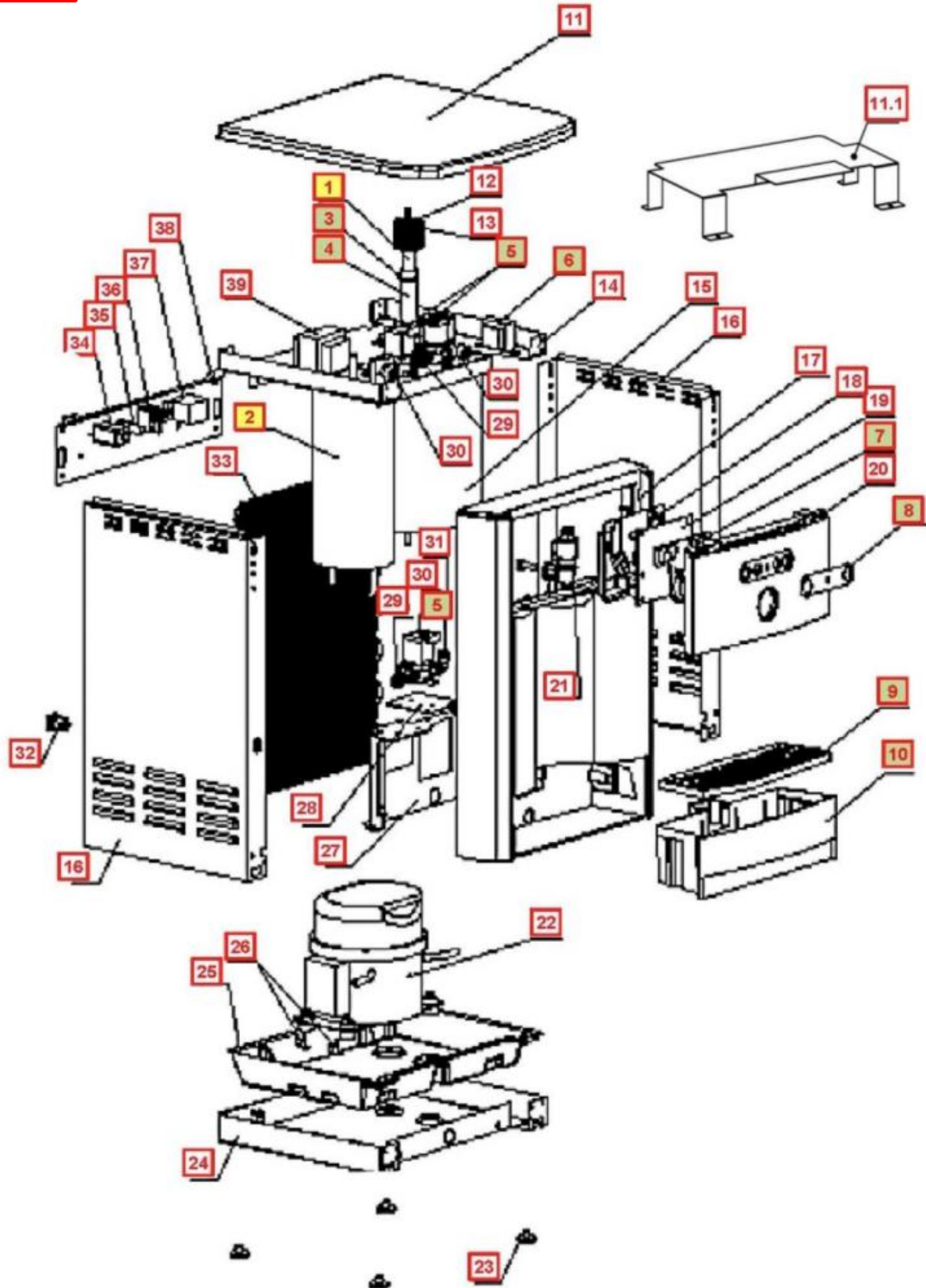
NOTE:

At the **end of this product's life**, ensure that it is disposed of in an environmentally friendly manner which is fully compliant **with all Federal/State/Local Requirements and Guidelines**.

ARAMARK COUNTERTOP DRAWING AND PARTS LIST












Yellow = Consumables



Green = Recommended spare parts



No	WLCP Part No.	Description	Part No	Stocked?	
Consumables					
1	12-2350	4W Lamp Assembly	CT-2084	Yes	
2	12-1406	Hot Tank 1.6 Liter (.42 Gallons) 87°C (189°F) – Counter Top <i>Recommend stocking 2 each per every 10 units purchased</i>	HT-3018-A	Yes	
Not Shown	FT-0035	GAC Filter - 10" Carbon Activated Inline Filter – Optional	FT-0035-IL-WLT	Yes	
Not Shown	FT-0063	Carbon Block - 10" CBC 1 Micron Lead and Cyst Reduction Inline Filter – Optional	FT-0063-IL-WLT	Yes	
Not Shown	FT-0053	Sediment Filter - 10" Sediment 20 Micron Inline Filter – Optional	FT-0053-IL-WLT	Yes	
Recommended Spare Parts					
2.1	12-1360	Overload with Manual Reset - 97°C (206°F) <i>Recommend stocking 2 each per every 10 units purchased</i>	HT-3012	Yes	
2.2	12-1303	Hot Tank Thermostat - 87°C (189°F) <i>Recommend stocking 2 each per every 10 units purchased</i>	HT-3013A	Yes	
2.3	12-6900	Thermostat and Overload Metal Cover <i>Recommend stocking 2 each per every 10 units purchased</i>	ST-8290	Yes	
3	10-2500	Black O-Ring for Quartz Sleeve <i>Recommend stocking 1 each per every 10 units purchased</i>	CT-2006	Yes	
4	14-1051	Quartz Sleeve for 4W Lamp <i>Recommend stocking 1 each per every 10 units purchased</i>	CT-2026	Yes	
5	12-1500	Solenoid Valve 1000 mm <i>Recommend stocking 2 each per every 10 units purchased</i>	PU-4016	Yes	
5.1	CU-0001	Solenoid Cushion <i>Recommend stocking 2 each per every 10 units purchased</i>	CU-0001	Yes	



6	10-3010	UV Lamp Ballast 110V/60Hz <i>Recommend stocking 2 each per every 10 units purchased</i>	EL-5006-A CN	Yes	
7	12-3135	Silicon Button Key Mat <i>Recommend stocking 5 each per every 10 units purchased</i>	PL-1239-CN	Yes	
8	12-8057	Button Label <i>Recommend stocking 2 each per every 10 units purchased</i>	LP-7084	Yes	
9	12-3140	Drip Tray Grill – Silver <i>Recommend stocking 4 each per every 10 units purchased</i>	PL-1242-CN	Yes	
10	12-3130	Drip Tray - Charcoal with Aramark Logo <i>Recommend stocking 4 each per every 10 units purchased</i>	PL-1237-CN	Yes	
Not Shown	10-3048	Faucet Nipple – Blue with Screen <i>Recommend stocking 2 each per every 10 units purchased</i>	PL-1013	Yes	
Not Shown	10-2600	Natural Faucet O-Ring – Silicon White <i>Recommend stocking 2 each per every 10 units purchased</i>	CT-2007	Yes	
Not Shown	01-2076	ScaleKleen <i>Recommend stocking 2 each per every 10 units purchased</i>	NA	Yes	
Remaining Parts					
11	12-3145	Flat Top Cover - Charcoal with Texture	PL-1242-B	Yes	
11.1	NA	Metal Cover (Under Top Cover)	ST-0049-L00-00	Yes	
12	10-8085	UV Lamp Fixing Rubber	CT-2001-B	Yes	

13	12-1210	UV Lamp Retaining Threaded Nut	PL-1128	Yes	
14	12-3165	Upper Shelf	ST-8150	Yes	
Not Shown - on Top Shelf	12-8510	UV 3minutes Timer PCB - Hot and Cold	AK-0008-A	Yes	
Not Shown - on Top Shelf	NA	3minutes UV Timer PCB Fixing Bracket	ST-8287	No	
15	12-3110	2L UV Cold Tank Assembly	CT-2060	Yes	
16	12-3185	Side Panel – Silver	ST-8241	Yes	
17	12-3120	Front Upper Drip Tray Insert Panel – <i>when purchasing, also request Hot Water Caution Label KB-11 to adhere to front of this panel.</i>	PL-1201-CN	Yes	
17.1	KB-11	Hot Water Caution Label – <i>adhere to Front Upper Drip Tray Insert Panel.</i>	NA	Yes	
18	12-3160	PCB Cover	PL-1298	Yes	
19	12-3115	PCB for Hot and Cold for Leak Detection System	EN-6085-A	Yes	
19.1	10-3017	PCB Stand-off Pin	EN-6059	Yes	




20	12-3125	Front Hatch Panel Charcoal with UV logo <i>Sold Separately: Button Label (P/N 12-8057) & Silicon Button Key Mat (P/N 12-3135)</i>	PL-1236-L00-SI	Yes	
21	10-2700	Faucet Assembly	PL-1011	Yes	




Verify compressor in machine before ordering parts as the Compressor P/N CO-0020-L00-00 and 10-2200 (CO-0001A) and related parts are not interchangeable.



CO-0020-L00-00 Compressor

22A.1	CO-0020-L00-00	LG Compressor 120V R134A CSB035LJCM	CO-0020-L00-00	Yes	
22A.2	CO-0019-L00-00	Compressor Capacitor	CO-0019-L00-00	Yes	
22A.3	ST-0216-L00-00	Capacitor Bracket	ST-0216-L00-00	Yes	
22A.4	CO-0017-L00-00	PTC Relay	CO-0017-L00-00	Yes	
22A.5	CO-0018-L00-00	Overload Protector	CO-0018-L00-00	Yes	

CO-9001-A / 10-2200 Compressor

22B.1	10-2200	Compressor (R134a 1/8HP) 120V/60Hz	CO-9001-A	Yes	
22B.2	10-3003	Compressor Starter Relay	CO-9016	Yes	
22B.3	10-5018	Compressor Overload	CO-9015	Yes	

23	12-3150	Unit Rubber Feet	PL-1251-CN	Yes	
24	12-3170	Bottom Tray	ST-8151	Yes	
25	12-3155	Leak Tray	PL-1294	Yes	

26	12-3180	Leak Containment Tray Clip (sensor 0.5mm)	ST-8207-CN	Yes	
26.1	NA	Leak Sensor Wire	EL-5076-KR	No	
27	12-3175	Filter Bracket	ST-8152	Yes	
27.1	10-3099	3" Filter Clip	PU-4024	Yes	
27.2	10-3098	2" Filter Clip for In-Line Filter	PU-4025	Yes	
28	12-3195	Leak System Inlet Solenoid Bracket	ST-8244	Yes	
29	Purchase from John Guest	JG Equal Tee Connector 1/4"	PU-4011	No	
30	Purchase from John Guest	JG Reducing Elbow Connector 5/16" * 1/4"	PU-4007	No	
31	Purchase from John Guest	JG Equal Elbow Connector 1/4"	PU-4008	No	
32	10-3067	Bulkhead Union 1/4" x 1/4" John Guest P/N PI1208S	PU-4028-A	Yes	
32.1	Purchase from John Guest	JG 1/4" Stopper PI0808S (used with Bulkhead Union 1/4" x 1/4" John Guest P/N PI1208S)	PU-4086	Yes	
33	12-3100	Wire Condenser	CO-9031	Special Order	
33.1	12-1001	Filter Dryer	CO-9008	Yes	

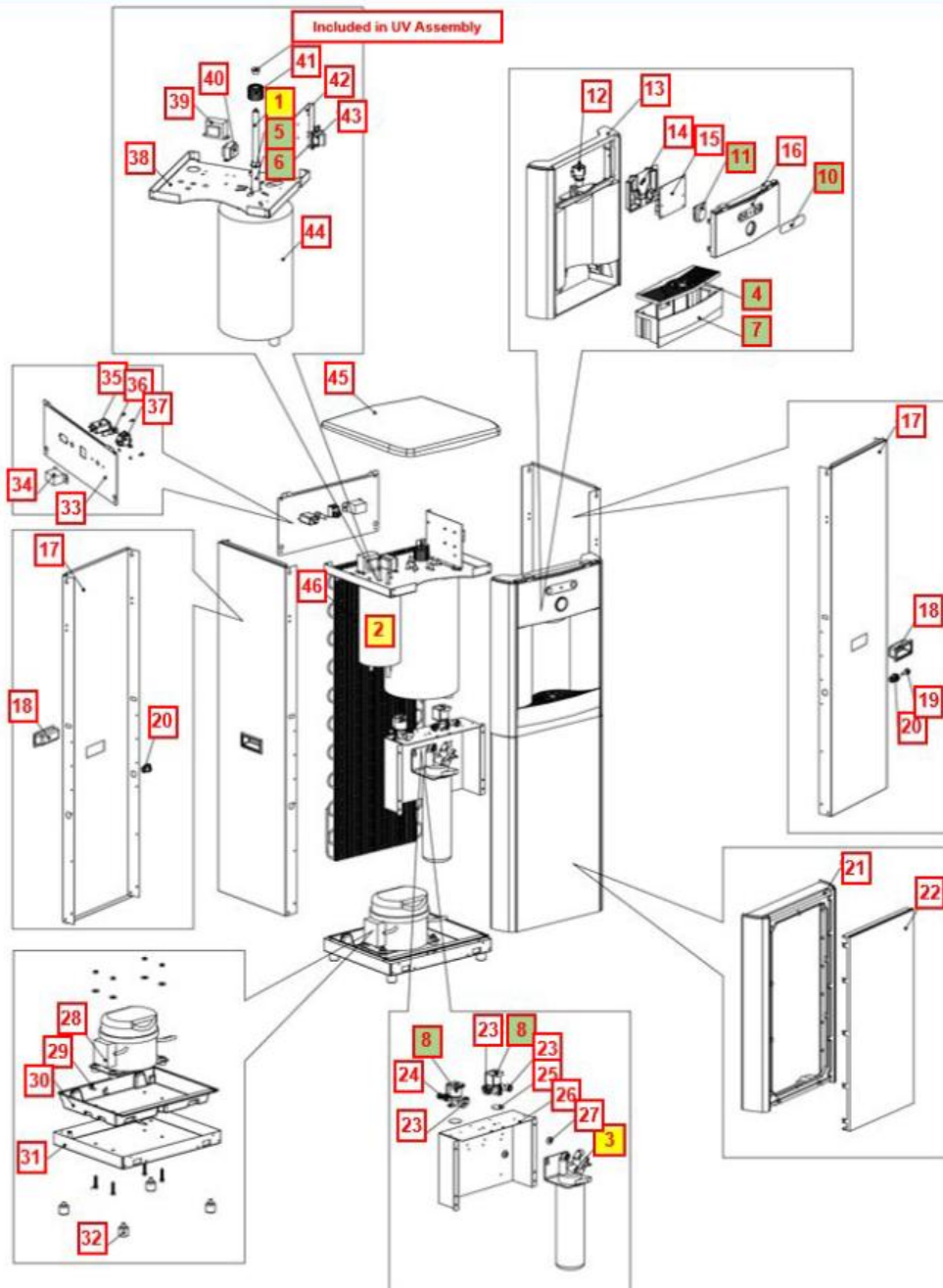
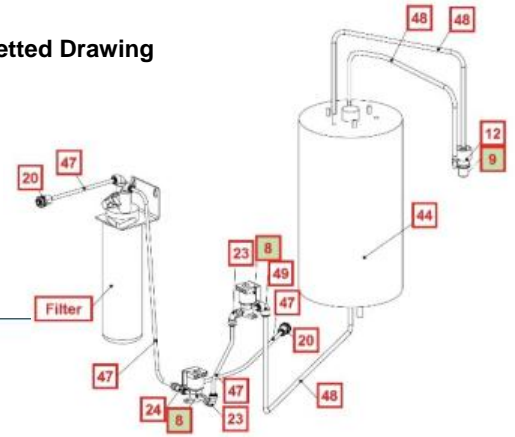
34	10-4013	Power Line Noise Filter, ElectroMagnetic Interference filter (EMI)	EL-5016	Yes	
35	10-3014	Fuse Holder and Fuse 120V / 15A with One Wire	EL-5053	Yes	
35.1	10-3013	Fuse 120V / 15A	EL-5010	Yes	
36	10-3008	Red Compressor and Heater Switch	EL-5004	Yes	
37	12-1101	Cold Tank Thermostat	CT-2016	Yes	
37.1	PL-0326	Cold Thermostat Cover Label	PL-0326-L00-00	Yes	
38	12-8061	Silver Back Panel	ST-8216	Yes	
39	12-3117	Power Transformer 120V	EL-5003-A	Yes	
Not Shown	Purchase from John Guest	JG LLD PE Tube - Blue O.D.1/4" John Guest P/N PE-08-BI-1000F-B	PU-4031-A	No	
Not Shown	10-3062	JG LLDPE Tube - Blue 8mm John Guest P/N PE-0806-100M-B	PU-4014-A	No	
Not Shown	10-7040	Silicon Tube 5/16" for Hot Water	PU-4064	Yes	
Not Shown	10-3007	Power Cord 120V – 1840 mm	EL-5001-B	Yes	

ARAMARK REFRESH CENTERS DRAWING AND PARTS LIST

Yellow = Consumables

Green = Recommended spare parts







Wetted Drawing



No	WLCP PN	Description	Part No	12-RCPC-1 Plastic Top Cold Only	12-RCP-1 Plastic Top Hot & Cold	12-RC-1 Stone Top Hot & Cold	Stocked?	
Consumables								
1	10-2350	8W UV Lamp Assembly (includes UV Lamp Fixing Silicon Rubber – PN CT-2001-B)	CT-2083	X	X	X	Yes	
2	12-1405	Hot Tank Stainless Steel 1.6 Liter (87°C - 189°F) <i>Recommend stocking 2 each per every 10 units ordered</i>	HT-3018		X	X	Yes	
3	FT-0035	GAC Filter - 10" Carbon Activated Inline Filter – Optional	FT-0035-IL-WLT	X	X	X	Yes	
	FT-0063	Carbon Block - 10" CBC 1 Micron Lead and Cyst Reduction Inline Filter – Optional	FT-0063-IL-WLT	X	X	X	Yes	
	FT-0053	Sediment Block - 10" Sediment 20 Micron Inline Filter – Optional	FT-0053-IL-WLT	X	X	X	Yes	
Recommended Spare Parts								
2.1	12-1360	Overload with Manual Reset - 97°C (206°F) <i>Recommend stocking 2 each per every 10 units ordered</i>	HT-3012		X	X	Yes	
2.2	12-1303	Hot Tank Thermostat - (87°C - 189°F) <i>Recommend stocking 2 each per every 10 units ordered</i>	HT-3013A		X	X	Yes	
2.3	12-6900	Hot Tank Supplemental Steel Enclosure <i>Recommend stocking 2 each per every 10 units ordered</i>	ST-8291		X	X	Yes	
4	12-3140	Drip Tray Grill <i>Recommend stocking 2 each per every 10 units ordered</i>	PL-1242-CN	X	X	X	Yes	
5	10-2500	Black O-Ring for Quartz Sleeve <i>Recommend stocking 2 each per every 10 units ordered</i>	CT-2006	X	X	X	Yes	

6	10-1400	Quartz Sleeve for 8W Lamp <i>Recommend stocking 2 each per every 10 units ordered</i>	CT-2002	X	X	X	Yes	
7	12-3130	Drip Tray Body with Aramark Logo <i>Recommend stocking 2 each per every 10 units ordered</i>	PL-1237-CN	X	X	X	Yes	
8	12-1500	Solenoid Valve DC24V 1000mm <i>Recommend stocking 2 each per every 10 units ordered</i>	PU-4016	X	X	X	Yes	
9	10-3048	Blue Faucet Nipple, with Stainless Steel Gauze <i>Recommend stocking 2 each per every 10 units ordered</i>	PL-1013	X	X	X	Yes	
9.1	10-2600	White Silicon Faucet O-Ring <i>Recommend stocking 2 each per every 10 units ordered</i>	CT-2007	X	X	X	Yes	
10	12-8057	Button Label <i>Hot and Cold</i> <i>Recommend stocking 2 each per every 10 units ordered</i>	LP-7084		X	X	Yes	
	12-8610	Button Label <i>Cold Only</i> <i>Recommend stocking 2 each per every 10 units ordered</i>	LP-7085	X			Yes	
11	12-3135	Silicon Button Key Mat <i>Hot and Cold</i> <i>Recommend stocking 2 each per every 10 units ordered</i>	PL-1239-CN		X	X	Yes	
	12-8600	Silicon Button Key Mat <i>Cold only</i> <i>Recommend stocking 2 each per every 10 units ordered</i>	PL-1100	X			Yes	
Not Shown	01-2076	ScaleKleen <i>Recommend stocking 2 each per every 10 units ordered</i>	NA	X	X	X	Yes	
Remaining Parts								
12	10-2700	Faucet Assembly – Hot and Cold	PL-1011	X	X	X	Yes	

	NA	Faucet <i>Cold Only</i>	PL-1012	X	X	X	Yes	
13	12-3120	Front Panel for Drip Tray Insert	PL-1201-CN	X	X	X	Yes	
14	12-3160	PCB Cover	PL-1298	X	X	X	Yes	
15	12-8103	PCB for Hot and Cold	EN-6085		X	X	Yes	
	12-8615	PCB for Cold Water	EN-6086	X			Yes	
15.1	10-3017	PCB Stand-off Pin	EN-6059	X	X	X	Yes	
16	12-3125	Front Upper Panel	PL-1236- L00-SI	X	X	X	Yes	
17	12-3220	Silver Side Panel	ST-8192-CN	X	X	X	Yes	
18	12-8058	Side Panel Plastic Handle	PL-1123	X	X	X	Yes	
19	Purchase from John Guest	JG ¼" Stopper PI0808S	PU-4086	X	X	X	No	
20	10-3067	Bulkhead Union ¼" x ¼" John Guest P/N PI1208S	PU-4028-A	X	X	X	Yes	
21	12-3205	Front Lower Panel	PL-1202-CN	X	X	X	Yes	

22	12-3200	Front Lower Insert Panel	PL-1238-CN	X	X	X	Yes	
23	Purchase from John Guest	1/4" Union Elbow John Guest P/N P10308S	PU-4008-A	X	X	X	No	
24	Purchase from John Guest	3/8" Union Tee John Guest P/N P10208S <i>Hot and Cold</i>	PU-4011-A	X	X	X	Yes	
25	CU-0001	Solenoid Cushion	CU-0001	X	X	X	Yes	
26	NA	Filter Bracket	ST-8168-CN	X	X	X	No	
27	NA	Rubber O-Ring for Filter Bracket	PL-1208CN	X	X	X	No	

Verify compressor in machine before ordering parts as the Compressor P/N CO-0020-L00-00 and 10-2200 (CO-0001A) and related parts are not interchangeable.

CO-0020-L00-00 Compressor

28A.1	CO-0020-L00-00	LG Compressor 120V R134A CSB035LJCM	CO-0020-L00-00	X	X	X	Yes	
28A.2	CO-0019-L00-00	Compressor Capacitor	CO-0019-L00-00	X	X	X	Yes	
28A.3	ST-0216-L00-00	Capacitor Bracket	ST-0216-L00-00	X	X	X	Yes	
28A.4	CO-0017-L00-00	PTC Relay	CO-0017-L00-00	X	X	X	Yes	
28A.5	CO-0018-L00-00	Overload Protector	CO-0018-L00-00	X	X	X	Yes	

CO-9001-A / 10-2200 Compressor								
28B.1	10-2200	Compressor (R134a 1/8HP) 120V/60Hz	CO-9001-A	X	X	X	Yes	
28B.2	10-3003	Compressor Starter Relay	CO-9016	X	X	X	Yes	
28B.3	10-5018	Compressor Overload	CO-9015	X	X	X	Yes	
29	12-3180	Leak Containment Tray Clip (Sensor 0.5mm)	ST-8207-CN	X	X	X	Yes	
30	NA	Leak Tray	PL-1294-A	X	X	X	No	
31	12-8004	Bottom Tray	ST-8137	X	X	X	Yes	
32	10-3083	Unit Control Rubber Feet	ST-8167CN	X	X	X	Yes	
33	NA	Back Panel Silver	ST-8247	X	X	X	No	
34	12-1101	Cold Tank Thermostat	CT-2016	X	X	X	Yes	
34.1	PL-0326	Cold Thermostat Cover Label	PL-0326-L00-00	X	X	X	Yes	
35	10-4013	Power Line Noise Filter, ElectroMagnetic Interference filter (EMI)	EL-5016	X	X	X	Yes	
36	10-3014	Fuse Holder and Fuse 120V / 15A with One Wire	EL-5053	X	X	X	Yes	

36.1	10-3013	Fuse 120V / 15A	EL-5010	X	X	X	Yes	
37	10-3008	Red Compressor and Heater Switch	EL-5004	X	X	X	Yes	
38	12-8003	Upper Shelf	ST-8136-R2	X	X	X	Yes	
39	10-3010	UV Lamp Ballast 110V/60Hz	EL-5006-A CN	X	X	X	Yes	
40	12-3117	Power Transformer UV 120V / 60Hz	EL-5003-A	X	X	X	Yes	
41	12-1210	UV Lamp Retaining Threaded Nut	PL-1128	X	X	X	Yes	
42	12-5245	PCB Fixing Bracket	ST-8165-CN	X	X	X	Yes	
43	12-8510	3 Minutes UV Timer PCB Hot and Cold	AK-0008-A		X	X	Yes	
	12-8520	3 Minutes UV Timer PCB Cold Only	AK-0008-C	X			Yes	
44	NA	Cold Tank 4 Liter Assembly with UV Holder	CT-2050	X	X	X	No	
45	12-9000	<u>Stone</u> Top Cover	AK-0035			X	Yes	
	12-3255	<u>Plastic</u> Top Cover	PL-1300	X	X		Yes	
46	12-8102	Wire Condenser	CO-9027	X	X	X	Special Order	

47	NA	JG LLD PE Tube - Blue O.D.1/4" John Guest P/N PE-08-BI-1000F-B	PU-4031-A	X	X	X	Purchase from John Guest	
48	10-3062	JG LLDPE Tube - Blue 8mm John Guest P/N PE-0806-100M-B	PU-4014-A	X	X	X	Yes	
49	NA	5/16" x 1/4" Reducing Elbow John Guest P/N PI211008S	PU-4007-A	X	X	X	Purchase from John Guest	
Not Shown	10-7040	Silicon Tube 5/16" for Hot Water	PU-4064		X	X	Yes	
Not Shown	10-3007	Power Cord 120V – 1840 mm	EL-5001-B	X	X	X	Yes	

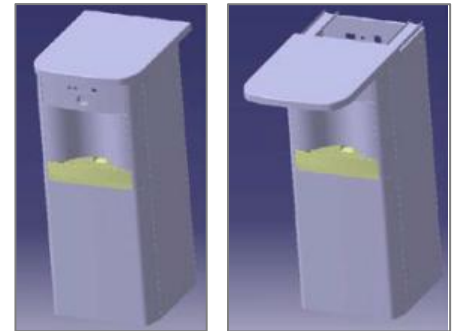
ASSEMBLING SINGLE RC-1 REFRESH CENTER

Sliding Top and the Filter needs to be installed prior to connecting the unit to water.

Installing Sliding Top

The Sliding Top installs onto the rails on the top of the unit much like a draw would install into a desk or piece of furniture.

1. Align Rails on the machine into the grooves on the underside of the top. Slide the Top toward the rear of the unit until you hear it “click” into place.



2. Once the Top is installed and slid all the way to the rear of the machine, engage the lock on the back to secure the top into place.



Removing Sliding Top

1. Unlock the Top, insert screwdriver as shown, to spring the lock open.



2. Reverse steps for installing the Top, as shown.



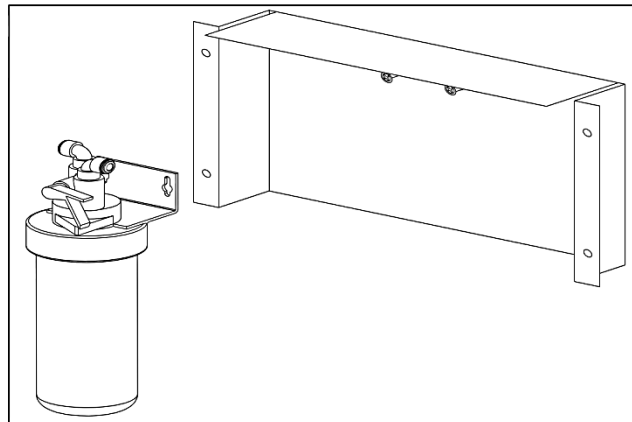
Installing the Filter Head

A Filter Head will need to be installed in the Refresh Center. The Filter Head was supplied to you via a separate package from **Waterlogic**. To install the Filter Head, you will need to remove the Lower Front Panel that is located under the Drip Tray of the machine. For UL certification purposes, this lower door is secured via 2 screws located on the underside of the unit. UL requires all areas of access to wiring and high voltage components to be protected such that access requires the use of a tool. When you install the Refresh Center in a customer location, be sure that these screws are re-installed to ensure no one inadvertently gains access to the internals (compressor) and associated wiring.

1. To remove the Lower Panel, lean the unit back and remove the two Philips-head screws on the bottom. Once the screws are removed, bring the unit back to the upright position, and press in one of the detents in the bottom of the panel and remove.



2. Once the Lower Front Door is removed, the Filter Head needs to be installed on the filter plate, as shown in the figure below. Make sure you connect the Tubing to the Fittings in the Filter Head prior to actually mounting the head on the screws provided on the Filter Plate. This will minimize the chances for kinking the water tubes.



Once the Filter Head is installed and piped, install a PRE-RINSED filter into the head, connect a water supply, power the unit, and check for leaks. DO NOT turn on the Red Power switch on the back of the unit until the tanks are filled with water.

3. To fill the Hot and Cold Tanks, depress the Water Dispensing Button until water flows from the Faucet (requires about 60 seconds to fill the cold tank). Once the Cold Tank is filled, briefly depress the Hot Water Selection Button, notice that the center LED changes from green to red, then press the Dispensing Button until water flows from the Faucet indicating that the Hot Tank is full.

Note: When the Hot Water Selection button is pressed and the center LED lights red, you have 2 seconds to begin dispensing water. If water is not dispensed within 2 seconds, the center LED will revert to green (default dispense) and cold water automatically will be selected.

4. Once both the Hot and Cold Tanks are filled, turn the Red Power Switch on (I=ON) the back panel of the unit.



ASSEMBLING DOUBLE RC-2 REFRESH CENTER

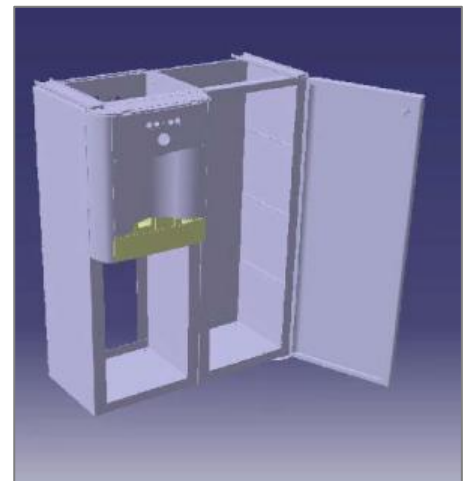
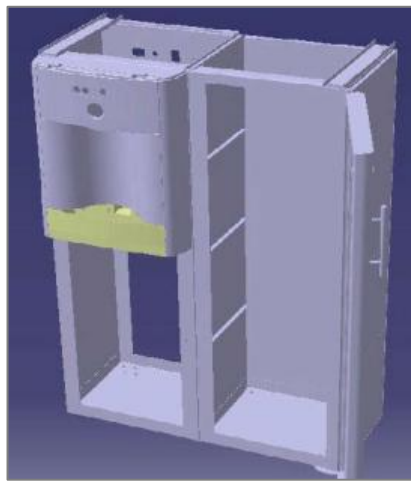
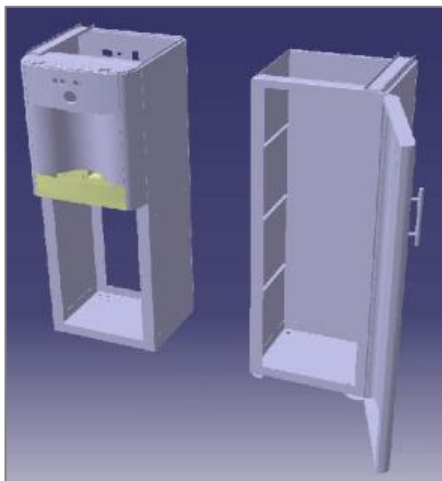
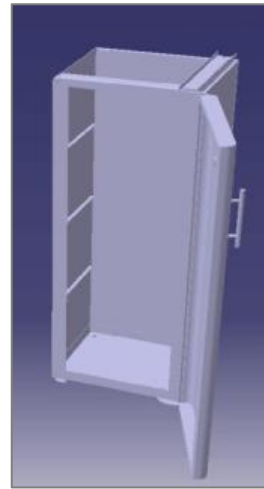
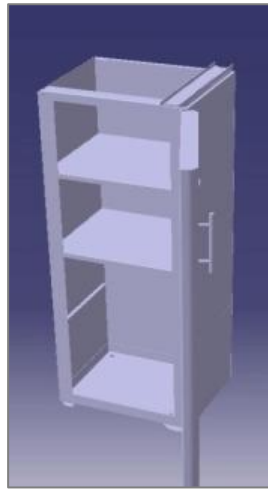
Once the cabinet is bolted to the cooler, the Sliding Top and the Filter needs to be installed prior to connecting the unit to water.

Mounting the Cabinet

1. Inside the Cabinet, locate the Hardware bag and Keys.
2. To remove the Lower Panel, lean the unit back and remove the two Philips-heads screws on the bottom. Once the screws are removed, bring the unit back to the upright position, and press in one of the detents in the bottom of the Panel and remove.



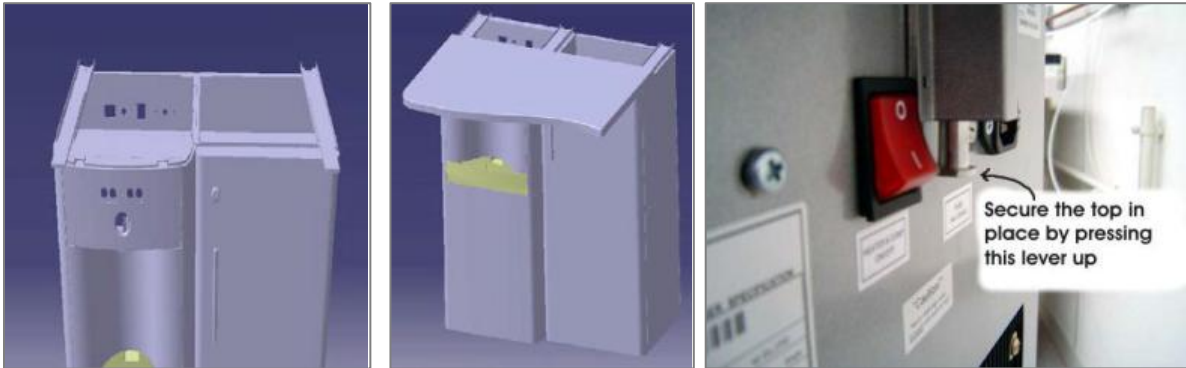
- Using the hardware supplied, bolt the cabinet to the cooler. Six total bolts, washers and nuts are needed for this step, however, mounting of the back-middle bolt and nut can be omitted due to access, if desired.



Installing the Sliding Top

The sliding top installs onto the rails on the top of the unit much like a draw would install into a desk or piece of furniture.

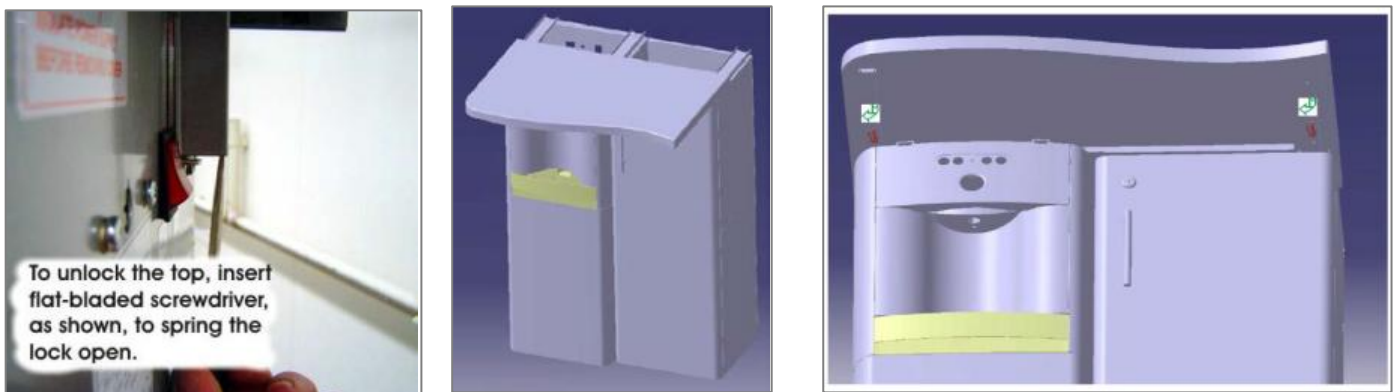
1. Align rails on the machine into the grooves on the underside of the top. Slide the top toward the rear of the unit until you hear it “click” into place.



2. Once the top is installed and slid all of the way to the rear of the machine, engage the lock on the back to secure the top in place.

Removing Sliding Top

1. To unlock the top, insert screwdriver as shown to spring the lock open.



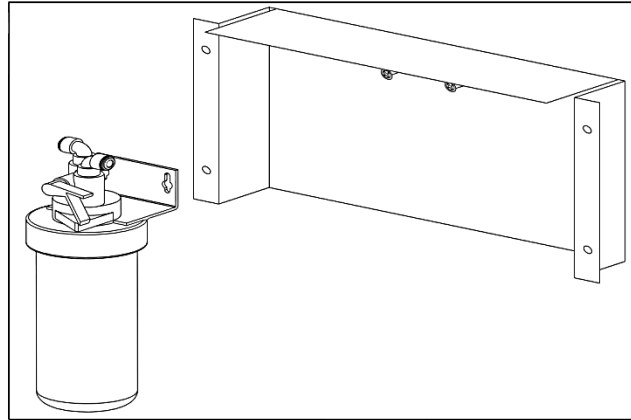
Installing the Filter Head

A Filter Head will need to be installed in the Refresh Center. The Filter Head was supplied to you via a separate package from **Waterlogic**. To install the Filter Head, remove the Lower Front Panel that is located under the Drip Tray of the **Aramark Refresh Center**. For UL certification purposes, this Lower Door is secured with 2 screws located on the underside of the **Aramark Refresh Center**. UL requires all areas of access to wiring and high voltage components to be protected such that access requires the use of a tool. When you install the **Aramark Refresh Center** in a customer location, be sure that these screws are re-installed to ensure no one inadvertently gains access to the internals (compressor) and associated wiring.

1. To remove the Lower Panel, lean the **Aramark Refresh Centers** unit back and remove the two Philips-head screws on the bottom. Once the screws are removed, bring the unit back to the upright position, and press in one of the detents in the bottom of the panel and remove. Note that the Lower Panel on the **Aramark Refresh Center** unlocks.



2. Once the Lower Front door is removed, the Filter Head needs to be installed on the filter support plate, as shown in the figure below. Connect the tubing to the fittings in the head prior to actually mounting the head on the screws provided on the filter plate. This will minimize the chances for kinking the water tubes.



Once the Filter Head is installed and piped, install a PRE-RINSED Filter into the Filter Head, connect to a water supply, power the *Aramark Countertop or Refresh Center*. Check for Leaks. Keep the Red Power Switch OFF (O=OFF) on the back of the unit until the tanks are filled with water.



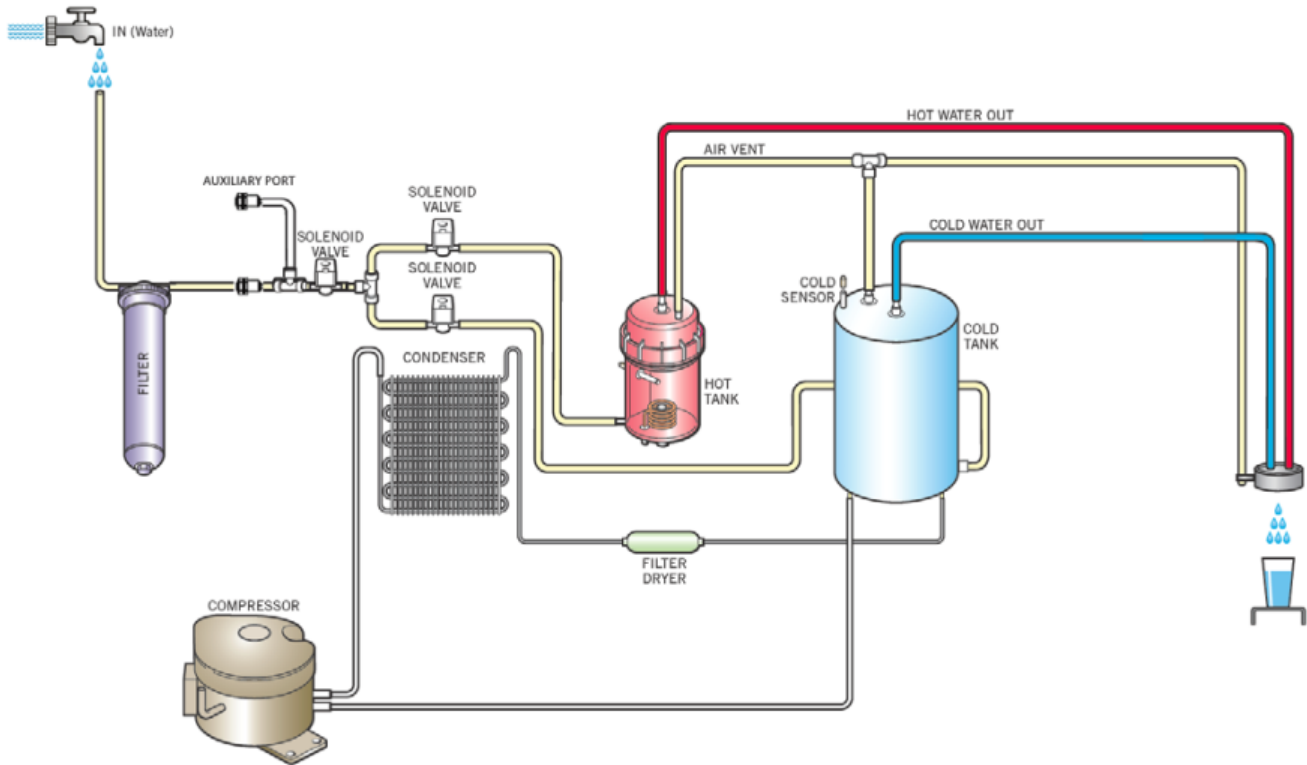
3. To fill the Hot and Cold Tanks, Depress the Dispensing Button until water flows from the faucet (requires about 60 seconds to fill the Cold Tank). Once the Cold Tank is filled, momentarily depress the Hot Selection Button, notice the center LED changes from green to red, then press the Dispensing Button until water flows from the Faucet indicating the hot tank is full.

Note: When the Hot Selection Button is pressed and the center LED lights red, you have 2 seconds to begin dispensing water. If water is not dispensed within 2 seconds, the center LED will revert to green (default dispense) and cold water automatically will be selected.

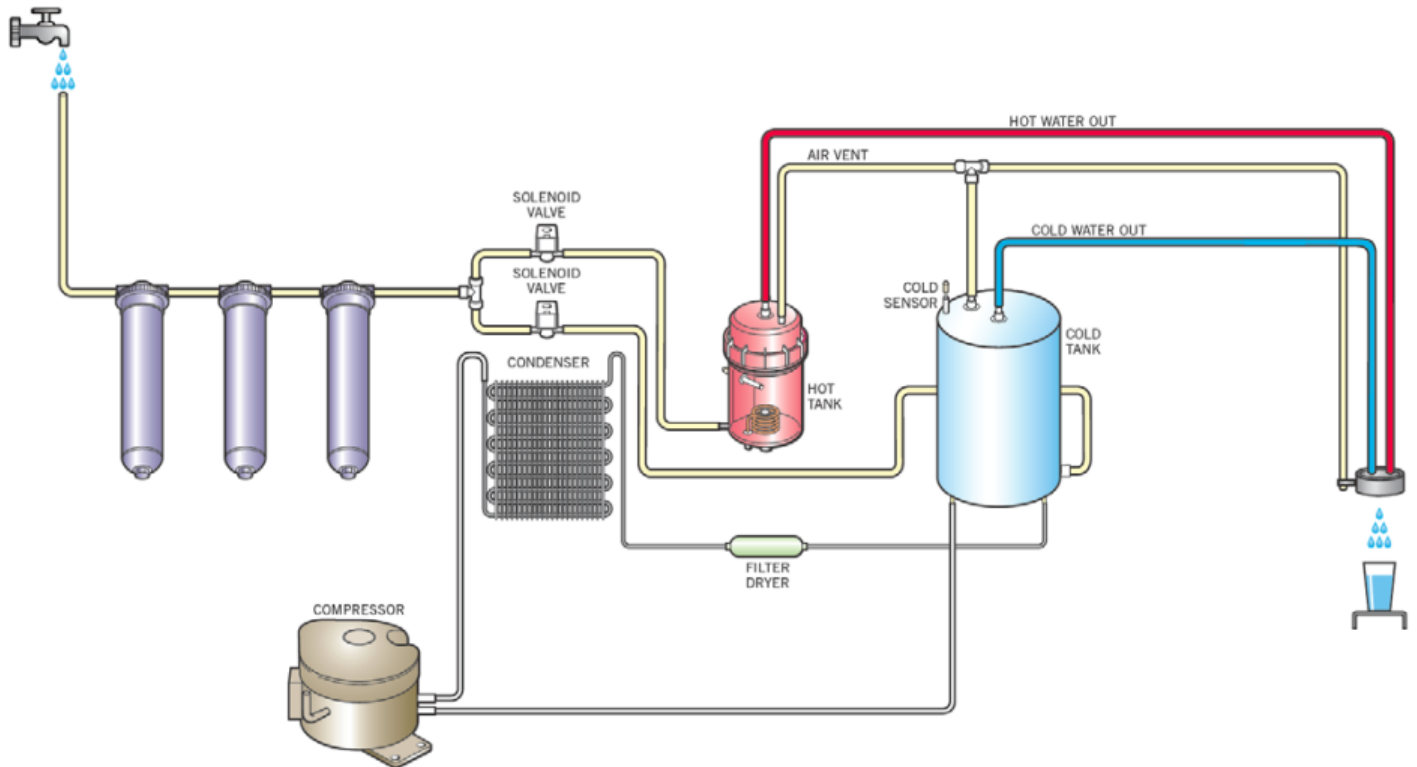
4. Once the Hot and Cold Tanks are filled, turn on the Red Power Switch I=ON located on the Back Panel of the *Aramark Countertop or Refresh Center*.



ARAMARK CENTERS COUNTER TOP WATER FLOW DIAGRAM



ARAMARK REFRESH CENTERS WATER FLOW DIAGRAM



ADJUSTING COLD SET POINT

Cold Water Temperature – Factory Set Point is 41°F (5°C) and can be adjusted to 34°F - 54°F (1.1°C to 12.2°C)

The cold set point can be adjusted by accessing the cold thermostat adjustment screw under the decal at the rear of the unit.



Remove the red portion of the Cold Tank Temperature label to access the adjustment screw.

The factory set point is ~41°F and is indicated by the dot on sheet metal.



Turning the adjustment screw clockwise to lower the set point temperature.

Do not adjust past the “Max Cold” position at 3:00 position to avoid freezing the cold tank.



Turning the adjustment screw counter-clockwise to raise the set point temperature.

ARAMARK COUNTERTOP AND REFRESH CENTERS ELECTRICAL DIAGRAM

⚠ DANGER! HIGH VOLTAGE ELECTRICAL HAZARD. PCB (Printed Circuit Board) contains High Voltage. Only trained and qualified technicians should attempt live testing.

