

SERVICE REQUIREMENTS

⚠️ WARNING! *Read and understand the contents of this manual before attempting to service the ECOSTREAM PLUS Water Treatment System. 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.*

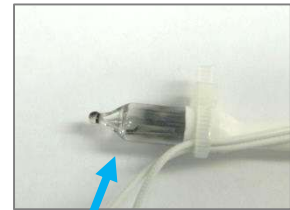
1. Visually inspect all electrical and water connections for signs of wear or damage.

⚠️ 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.



Glow Starter

UV Lamp Assembly with Glow Starter Part #'s:

4-Watt Bulb 12-2350 (CT-2084) used in
countertop model

8-Watt Bulb 10-2350 (CT-2083) used in Tower
model



Glow Starter



UV Lamp Connectors

⚠ 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 **ECOSTREAM PLUS Water Treatment System** 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.

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

7. Clean and sanitize external surfaces of the **ECOSTREAM PLUS Water Treatment System**. 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.
9. Descale Hot Tank Annually, or as needed.

LG COMPRESSOR

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

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

LG Compressor with External Start/Run Capacitor



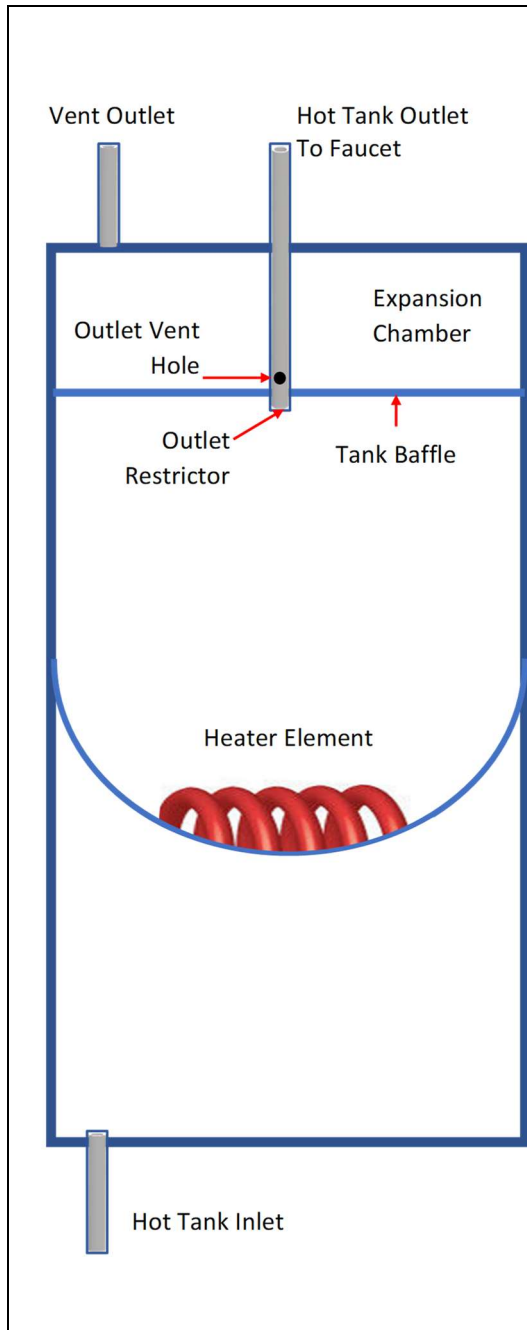
LG CSB035 LJCM Compressor

External Capacitor

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

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.



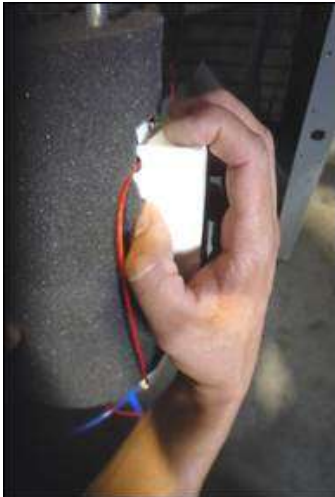
Expansion of water as it is heated in the reservoir will push the water out the faucet when the outlet tube vent hole becomes plugged with debris or scale.

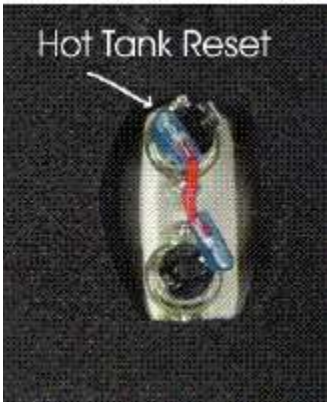

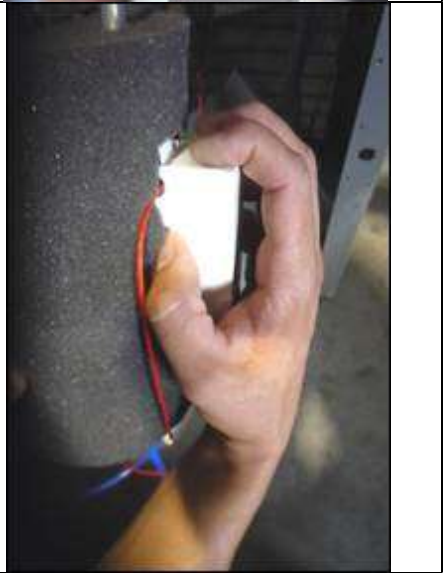
The small Outlet Vent Hole is susceptible to scale build up and is a key indicator that descaling is required.

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 ECOSTREAM PLUS Water Treatment System.</p>	
3.	<p>Tower 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, light-colored plastic component with two blue buttons. The top button is labeled 'Hot Tank Reset' with a white arrow pointing to it. The component is mounted on a dark surface.</p>	 <p>A close-up photograph showing a person's hand using a small tool to press the blue reset button on the hot tank component. The component is mounted on a dark, cylindrical metal tank.</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 white metal box and snapping it onto the hot tank component. The box is being attached to the side of the dark cylindrical tank.</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 **ECOSTREAM PLUS Water Treatment System'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 **ECOSTREAM PLUS Water Treatment System** 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 **ECOSTREAM PLUS Water Treatment System**. 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 basic 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 **ECOSTREAM PLUS Water Treatment System**.
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 **ECOSTREAM PLUS Water Treatment System** is performing to the customer's satisfaction.

⚠ WARNING! HOT WATER HAZARD. The **ECOSTREAM PLUS Water Treatment System** Produces Hot Water and Steam. Always use insulated and chemically compatible containers and let **ECOSTREAM PLUS Water Treatment System** cool down before draining the hot tank 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.

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-2030-I00-00
UV Light, 8 Watts Assembly Tower	10-2350	Every 12 months, or as required CT-2001-I00-00
Hot Tank 1.5 Liter (0.39 Gallons) 87°C (189°F) - Counter Top	10-4029	Replace every 3-5 years depending on usage HT-3024
Hot Tank 1.5 Liter (0.39 Gallons) 87°C (189°F) - Tower	10-4029	Replace every 3-5 years depending on usage HT-3024
GAC Filter - 10" Carbon Activated Inline Filter – Optional <i>*Filter Element PN FT-0038-WLT</i>	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 <i>*Filter Element PN FT-0064-WLT</i>	FT-0063	Every 6-months or as required. Local water conditions will determine proper filter type and maintenance schedule. FT-0063-IL-WLT
Sediment Filter - 10" Sediment 20 Micron Inline Filter – Optional <i>*Filter Element PN FT-0055-WLT</i>	FT-0053	Every 6-months or as required. Local water conditions will determine proper filter type and maintenance schedule. FT-0053-IL-WLT

⚠ CAUTION! Use only Waterlogic Replacement parts that can be obtained from *Waterlogic* or an *Authorized Waterlogic Dealer*, failure to do so will void the Warranty.

See Installation and Service Manual for additional information.

Hot Tank Service

Hot Tanks (with controls) must be replaced at least 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 Installation and Service Manual for further details.

Surface Cleaning

Clean on a regular basis with damp lint free cloth. Never use harsh chemicals (alcohol or acid based) or abrasive agents on any part of the product to avoid damage. A mild cleaner such as Simple Green or equivalent is recommended.

DISPOSAL

End of Life

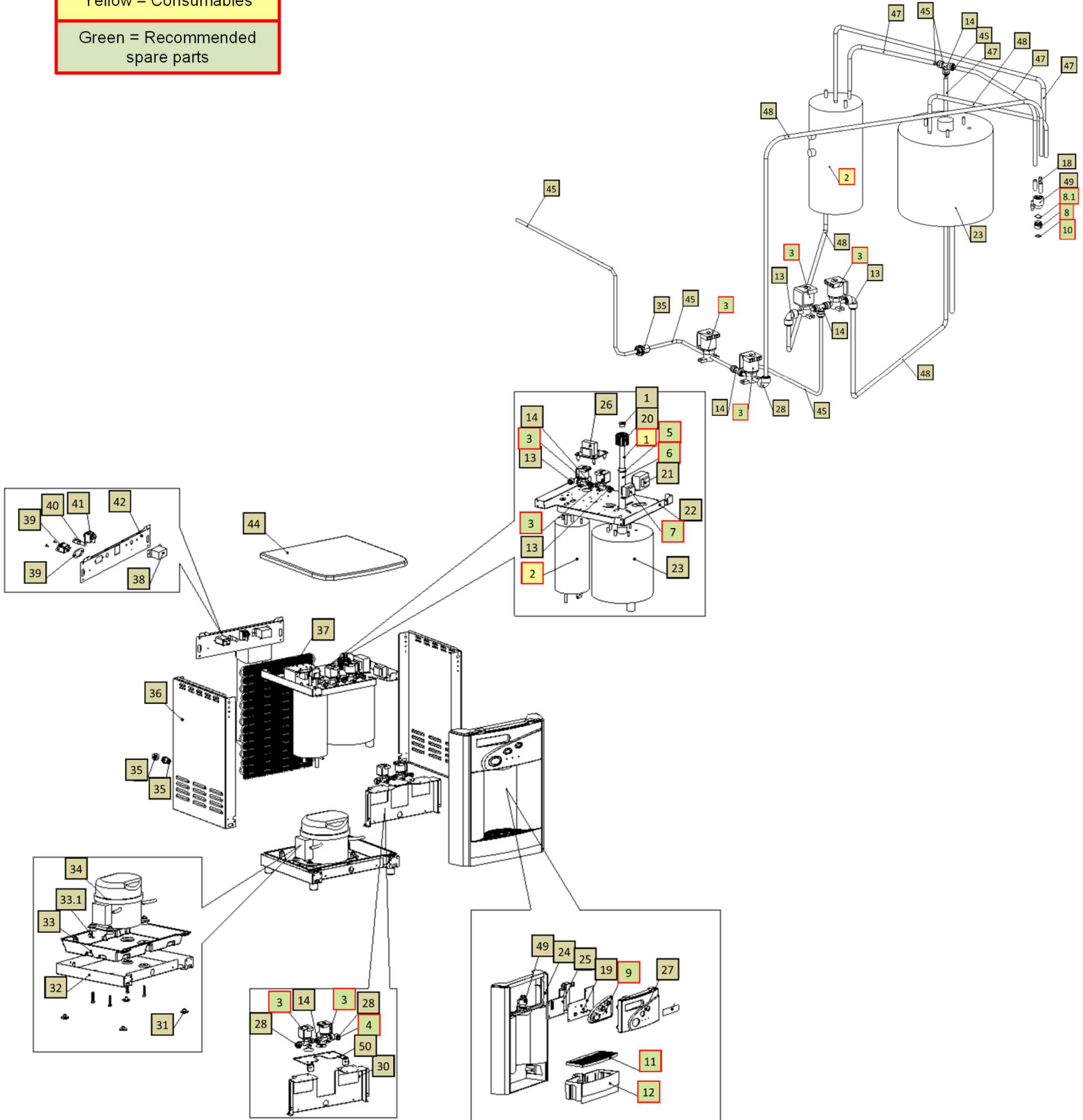
At the **end of this product's life**, ensure that it is disposed of in an environmentally friendly manner which is fully compliant **with all Federal/State/Local Requirements and Guidelines**. Do not dispose of this appliance with normal household or business waste.

ECOSTREAM PLUS COUNTER TOP DRAWING AND PARTS LIST

Wetted Drawing

Yellow = Consumables












Green = Recommended spare parts












No	WLCP Part No.	Description	Part No	Stocked?	
Consumables					
1	12-2350	4W Lamp Assembly with Glow Starter	CT-2030-L0	Yes	
2	10-4029	Hot Tank 1.5 Liter (.42 Gallons) 87°C (189°F) – Counter Top	HT-3024	Yes	
Optional	FT-0035	GAC Filter - 10" Carbon Activated Inline Filter - Optional <i>Filter Element PN FT-0038-WLT</i>	FT-0035-IL-WLT	Yes	
Optional	FT-0063	Carbon Block - 10" CBC 1-Micron Lead and Cyst Reduction Inline Filter Optional <i>Filter Element PN FT-0064-WLT</i>	FT-0063-IL-WLT	Yes	
Optional	FT-0053	Sediment Filter - 10" Sediment 20 Micron Inline Filter Optional <i>Filter Element PN FT-0055-WLT</i>	FT-0053-IL-WLT	Yes	
Recommended Spare Parts					
2.1	12-1360	Overload with Manual Reset - 105°C (221°F) <i>Recommend stocking 2 each per every 10 units purchased</i>	HT-3012		
2.3	12-6900	Thermostat and Overload Metal Cover <i>Recommend stocking 2 each per every 10 units purchased</i>	ST-8290	Yes	
3		MS DC Solenoid Valve SWV24-01	PU-0017-P00-00	Yes	
4	CU-0001	Solenoid Cushion	CU-0001	Yes	
5	10-2500	Black O-Ring for Quartz Sleeve	CT-2006	Yes	

6	14-1051	Quartz Sleeve for 4W Lamp <i>Recommend stocking 1 each per every 10 units purchased</i>	CT-2026	Yes	
7		UV Lamp Ballast 120V 60Hz 4W	EN-0068-L00-00	Yes	
8	PL-1013	Faucet Nipple – Blue with Screen <i>Recommend stocking 2 each per every 10 units purchased</i>	PL-1013	Yes	
8.1	10-2600	Natural Faucet O-Ring – Silicon White <i>Recommend stocking 2 each per every 10 units purchased</i>	CT-2007	Yes	
9	12-5220	Silicon Button Key Mat <i>Recommend stocking 5 each per every 10 units purchased</i>	PL-1206-A	Yes	
10	PL-1013-G	Stainless Steel Gauze for Faucet	PL-1013-G	Yes	
11	12-5230	Drip Tray Grill – Charcoal <i>Recommend stocking 4 each per every 10 units purchased</i>	PL-1152-A	Yes	
12		Canteen WL2200 Drip Tray Body – WL and BIO logo	PL-0269-L00-00	Yes	
Not Shown	01-2076	ScaleKleen <i>Recommend stocking 2 each per every 10 units purchased</i>	NA	Yes	
Remaining Parts					
13	Purchase from John Guest	JG Reducing Elbow Connector 5/16" * 1/4" (P1211008S)	PU-4007	No	
14	Purchase from John Guest	JG Equal Tee Connector 1/4" (P10208S)	PU-4011	No	

15	19-1053	JG Equal Straight Connector ¼"	PU-4010-DP	Yes	
16	EN-6059-A	PCB Stand-off Pin (one side)	NA	No	
17	10-3017	PCB Stand-off Pin	EN-6059	Yes	
18	10-2701	Stainless Steel Insert for Faucet	PL-1088	Yes	
19		Canteen WL2200 Display PCB	EN-0109-L00-00	Yes	
20	12-1210	UV Lamp Retaining Threaded Nut	PL-1128	Yes	
21	12-3117	Power Transformer 120V	EL-5003-A	Yes	
22	12-3165	WL2000 Mini Upper Base	ST-8150	Yes	
23	12-3110	2L UV Cold Tank Assembly	CT-2060	Yes	
24	12-8050	Front Upper Drip Tray Insert Panel	PL-1146	Yes	

24.1	12-0001	Hot Water Caution Label – <i>adhere to Front Upper Drip Tray Insert Panel.</i>	LP-7169	Yes	
25	12-5285	PCB Cover	PL-1303	Yes	
26	12-5315	Canteen WL	EN-6102-A	Yes	
27		Canteen WL2200 HCA Front Hatch Panel	PL-0270- L00-00	Yes	
28	Purchase from John Guest	JG Equal Elbow Connector ¼” (PI0308S)	PU-4008	No	
30	12-3175	Filter Bracket	ST-8152	Yes	
31	12-3150	Unit Rubber Feet	PL-1251- CN	Yes	
32	12-3170	WL2000 Mini Down Base	ST-8151	Yes	
33	12-3155	Leak Tray	PL-1294	Yes	
33.1	12-3180	Leak Containment Tray Clip (sensor 0.5mm)	ST-8207- CN	Yes	
33.2	19-1007	Leak Sensor Wire	EL-5076- KR	No	

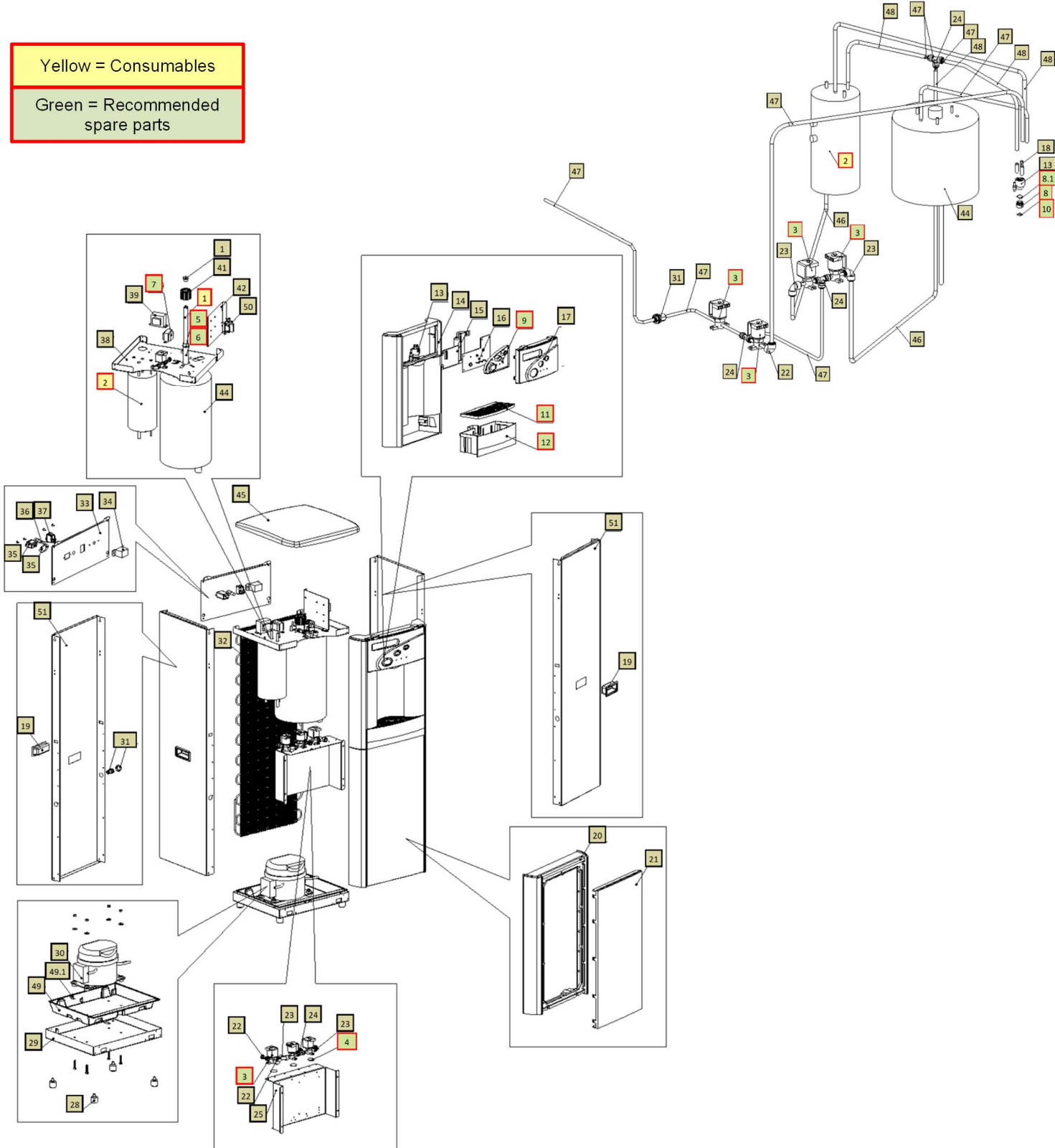
34		LG Compressor (R134a 1/8HP) 120V/60Hz	CO-0020- L00-00	Yes	
34.1		Compressor Starter Relay	CO-0017- L00-00	Yes	
34.2		Compressor Overload	CO-0018- L00-00	Yes	
34.3	12-1001	Filter Dryer	CO-9008	Yes	
35	10-3067	Bulkhead Union 1/4" x 1/4" John Guest P/N PI1208S	PU-4028	Yes	
36	12-5290	WL2000 Mini Silver Side Panel	ST-8148	Yes	
37	12-3100	Wire Condenser	CO-9031	Special Order	
38	19-1069	Cold Tank Thermostat	CT-2070- A	Yes	
38.1	LP-0326	Cold Thermostat Cover Label	LP-0326- L00-00	Yes	
39		Power Line Noise Filter, ElectroMagnetic Interference filter (EMI)	EL-0061- L00-00	Yes	
40	10-3014	Fuse Holder and Fuse 120V / 15A with One Wire	EL-5053	Yes	
40.1	10-3013	Fuse 120V / 15A	EL-5010	Yes	

41	12-5600	Red Compressor and Heater Switch	EL-5019-A	Yes	
42	12-5674	WL2000 Mini Silver Back Panel	ST-8253	Yes	
Not Shown	ST-0049-L00-00	Metal Cover (Under Top Cover)	ST-0049-L00-00	Yes	
44	12-5265	WL2000 BOA Top Cover Silver	PL-1249-C	Yes	
45	19-1054	JG LLD PE Tube - Blue O.D.1/4" John Guest P/N PE-08-BI-1000F-B	PU-4031	No	
46	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	No	
47	10-7040	Silicon Tube 5/16" for Hot Water	PU-4064	Yes	
48	10-3062	JG LLDPE Tube - Blue 8mm John Guest P/N PE-0806-100M-B	PU-4014	Yes	
49	PL-1212-CN	Faucet HCA 3-way	PL-1212-CN	Yes	
Not Shown	10-3099	3" Filter Clip	PU-4024	Yes	
Not Shown	10-3098	2" Filter Clip for In-Line Filter	PU-4025	Yes	
Not Shown	10-3007	Power Cord 120V – 1840 mm	EL-5001-B	Yes	
50		WL2000 Mini firewall Solenoid Valve Fixing Bracket	ST-8297	Yes	

ECOSTREAM PLUS TOWER DRAWING AND PARTS LIST

Wetted Drawing

Yellow = Consumables
Green = Recommended spare parts



No	WLCP Part No.	Description	Part No	Cold Only	Hot & Cold	Stocked?	
Consumables							
1	10-2350	8W UV Lamp Assembly with Glow starter	CT-2001-100-00	X	X	Yes	
2	10-4029	Hot Tank Stainless Steel 1.5 Liter (87°C - 189°F)	HT-3024		X	Yes	
Option	FT-0035	GAC Filter - 10" Carbon Activated Inline Filter - Optional <i>Filter Element PN FT-0038-WLT</i>	FT-0035-IL-WLT	X	X	Yes	
Option	FT-0063	Carbon Block - 10" CBC 1-Micron Lead and Cyst Reduction Inline Filter Optional <i>Filter Element PN FT-0064-WLT</i>	FT-0063-IL-WLT	X	X	Yes	
Option	FT-0053	Sediment Filter - 10" Sediment 20 Micron Inline Filter Optional <i>Filter Element PN FT-0055-WLT</i>	FT-0053-IL-WLT	X	X	Yes	
Recommended Spare Parts							
2.1	12-1360	Overload with Manual Reset - 105°C (221°F) <i>Recommend stocking 2 each per every 10 units purchased</i>	HT-3012		X	Yes	
2.2	12-6900	Hot Tank Supplemental Steel Enclosure <i>Recommend stocking 2 each per every 10 units ordered</i>	ST-8290		X	Yes	
3		MS DC Solenoid Valve SWV24-01	PU-0017-L00-00	X	X	Yes	
4	CU-0001	Solenoid Cushion <i>Recommend stocking 2 each per every 10 units purchased</i>	CU-0001	X	X	Yes	

5	10-2500	Black O-Ring for Quartz Sleeve <i>Recommend stocking 1 each per every 10 units ordered</i>	CT-2006	X	X	Yes	
6	10-1400	Quartz Sleeve for 8W Lamp <i>Recommend stocking 1 each per every 10 units ordered</i>	CT-2002	X	X	Yes	
7	10-3010	UV Lamp Ballast 120V 60Hz 8W	EL-5006-A CN	X	X	Yes	
8	PL-1013	Blue Faucet Nipple	PL-1013	X	X	Yes	
8.1	10-2600	White Silicon Faucet O-Ring <i>Recommend stocking 2 each per every 10 units ordered</i>	CT-2007	X	X	Yes	
9	12-5220	Silicone Button Key Mat AFL HCA	PL-1206-A		X	Yes	
10	PL-1013-G	Stainless Steel Gauze for Faucet	PL-1013-G	X	X	Yes	
11	12-5230	WL2200 Silver Drip Tray Grill	PL-1152-A	X	X	Yes	
12		Canteen wl2200 Drip Tray Body – WL & Bio logo	PL-0269-L00-00	X	X	Yes	
Not Shown	01-2076	ScaleKleen <i>Recommend stocking 5 each per every 10 units ordered</i>	NA	X	X	Yes	
Remaining Parts							
13	PL-1212-CN	Faucet HCA Assembly	PL-1212-CN		X	Yes	

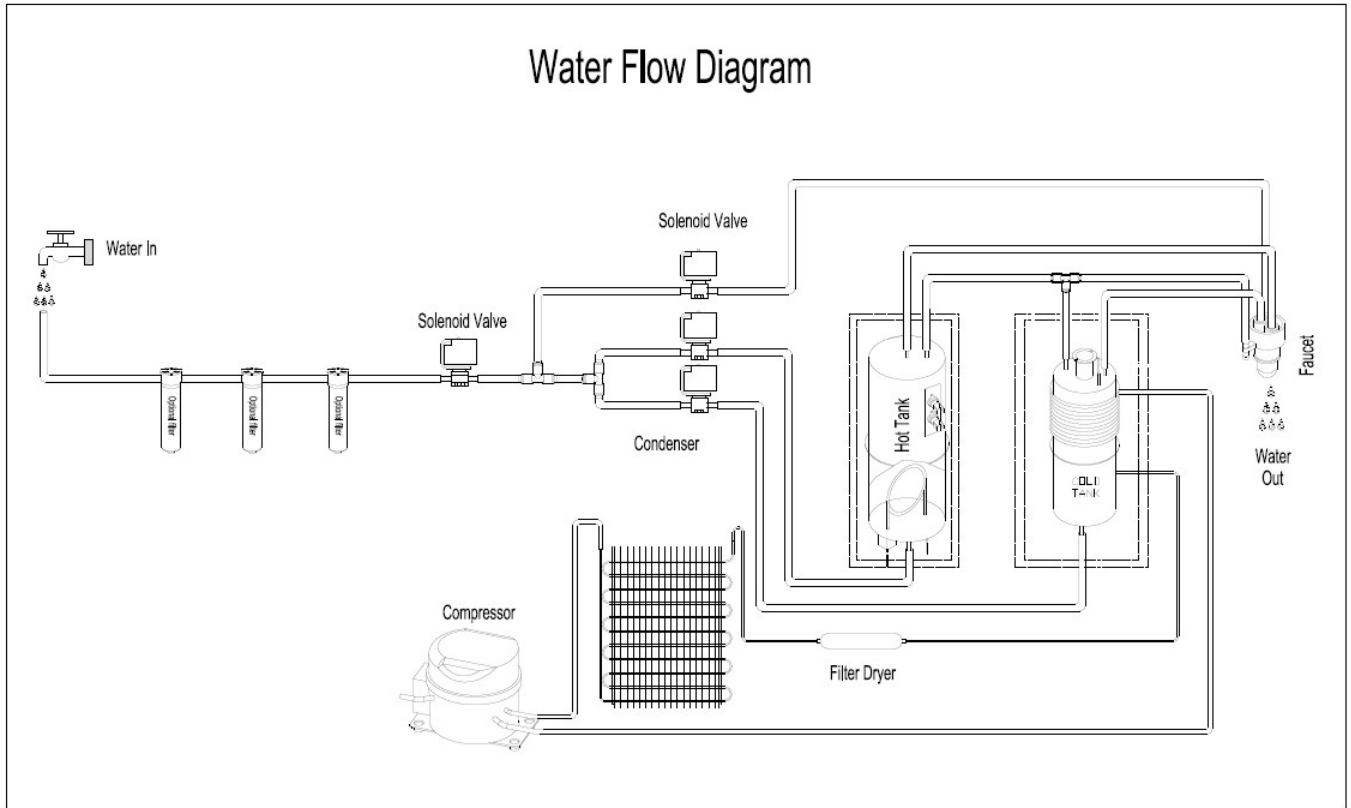
14	12-8050	Front Panel for Drip Tray Insert <i>when purchasing, also request Hot Water Caution Label LP-7169 / 12-0001 to adhere to front of this panel.</i>	PL-1146	X	X	Yes	
14.1	12-0001	Hot Water Caution Label Adhere to Front Panel for Drip Tray Insert	LP-7169		X	Yes	
15	12-5285	AFL PCB Cover	PL-1303	X	X	Yes	
16		Canteen WL2200 Display PCB	EN-0109-L00-00	X	X	Yes	
17		Canteen WL2200 HCA Front Hatch Panel	PL-0270-L00-00	X	X	Yes	
18	10-2701	Stainless Steel Insert for Faucet	PL-1088	X	X	Yes	
19	12-8058	Side Panel Plastic Handle	PL-1123	X	X	Yes	
20	12-8052	Front Lower Panel	PL-1148	X	X	Yes	
21		Front Lower Insert Panel	PL-1188-A	X	X	Yes	
22	Purchase from John Guest	JG Equal Elbow Connector 1/4" (PI0308S)	PU-4008	X	X	No	
23	Purchase from John Guest	JG Reducing Elbow Connector 5/16" * 1/4" (PI211008S)	PU-4007	X	X	No	

24	Purchase from John Guest	JG Equal Tee Connector 1/4" (P10208S)	PU-4011	X	X	No	
25	12-8006	Filter Bracket	ST-8138	X	X	Yes	
26	10-3099	3" Filter Clip	PU-4024	X	X	Yes	
27	10-3098	2" Filter Clip for In-Line Filter	PU-4025	X	X	Yes	
28	11-2065	Unit Control Rubber Feet	ST-8167CN	X	X	Yes	
29	12-8004	WL2000 Down Base	ST-8137	X	X	Yes	
30.1		LG Compressor 120V R134A CSB035LJCM	CO-0020-L00-00	X	X	Yes	
30.2		Compressor Capacitor	CO-0019-L00-00	X	X	Yes	
30.3		Capacitor Bracket	ST-0216-L00-00	X	X	Yes	
30.4		PTC Relay	CO-0017-L00-00	X	X	Yes	
30.5		Overload Protector	CO-0018-L00-00	X	X	Yes	
30.6	12-1001	Filter Dryer	CO-9008	X	X	Yes	

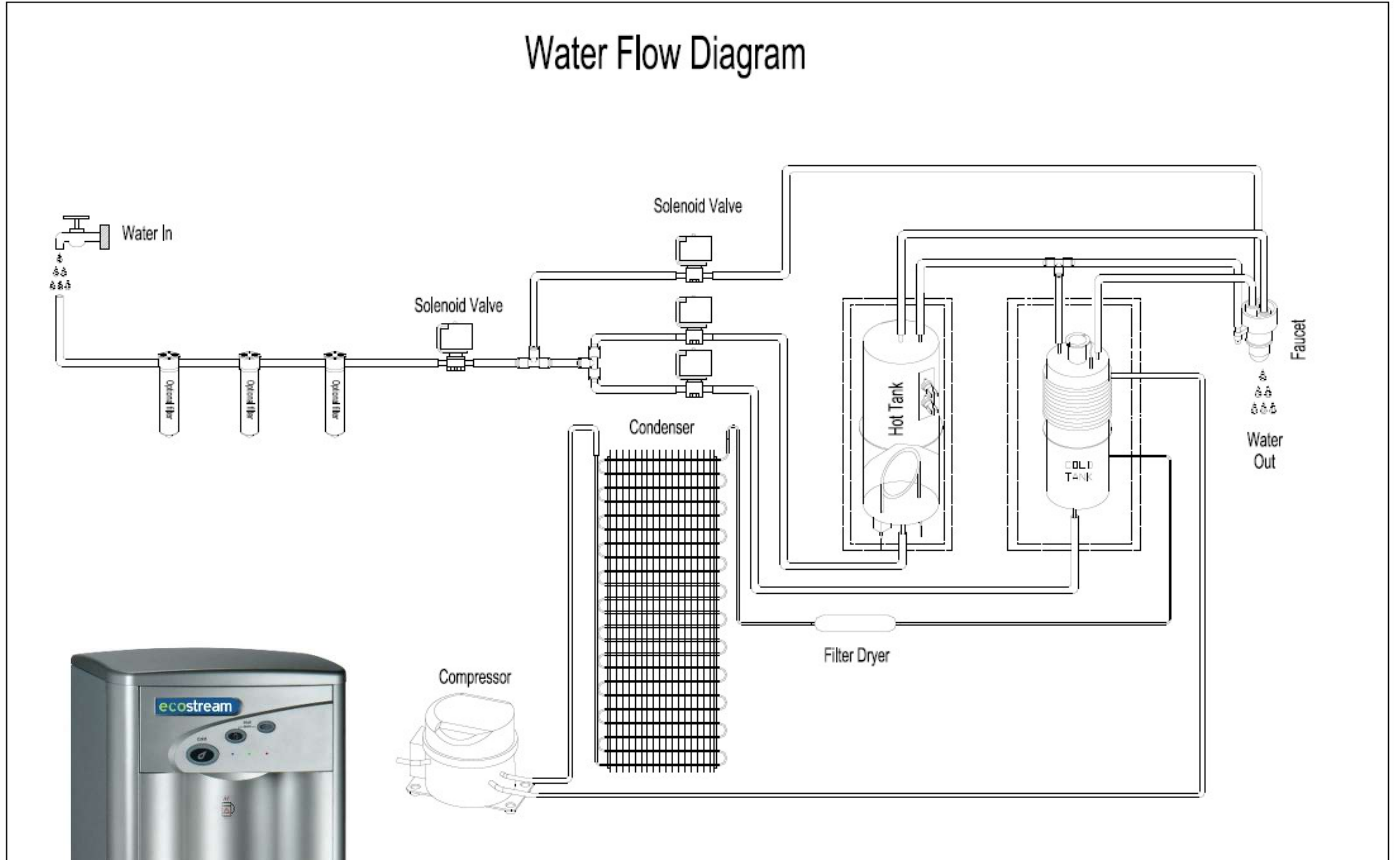
31	10-3067	Bulkhead Union ¼" x ¼" John Guest P/N PI1208S	PU-4028	X	X	Yes	
32	12-8102	Wire Condenser	CO-9027	X	X	Special Order	
33	12-8002	Back Panel Silver	ST-8135	X	X	No	
34	12-1101	Cold Tank Thermostat	CT-2016	X	X	Yes	
34.1	LP-0326	Cold Thermostat Cover Label	PL-0326-L00-00	X	X	Yes	
35		Power Line Noise Filter, ElectroMagnetic Interference filter (EMI)	EL-0061-L00-00	X	X	Yes	
36	10-3014	Fuse Holder and Fuse 120V / 15A with One Wire	EL-5053	X	X	Yes	
36.1	10-3013	Fuse 120V / 15A	EL-5010	X	X	Yes	
37	12-5600	Red Compressor and Heater Switch	EL-5019-A	X	X	Yes	
38	12-8003	Upper Shelf	ST-8136-R2	X	X	Yes	
39	12-3117	Power Transformer 120V	EL-5003-A	X	X	Yes	
Not Shown		4W UV Fixing Rubber <i>Included in UV Lamp Assembly</i>	PL-0235-L00-00	X	X	Yes	
41	12-1210	UV Lamp Retaining Threaded Nut	PL-1128	X	X	Yes	

42	12-5245	Main PCB Bracket	ST-8165-CN	X	X	Yes	
Not Shown	10-3017	PCB Stand-off Pin	EN-6059	X	X	Yes	
44	NA	Cold Tank 4 Liter Assembly with UV Holder	CT-2050	X	X	No	
45	12-5260	WL2200 Top Cover Silver	PL-1199-C	X	X	Yes	
46	10-3062	JG LLDPE Tube - Blue 8mm John Guest P/N PE-0806-100M-B	PU-4014	X	X	Yes	
47	19-1054	JG LLD PE Tube - Blue O.D.1/4"John Guest P/N PE-08-BI-1000F-B	PU-4031	X	X	Purchase from John Guest	
48	10-7040	Silicon Tube 5/16" for Hot Water	PU-4064		X	Yes	
Not Shown	10-3007	Power Cord 120V – 1840 mm	EL-5001-B	X	X	Yes	
49	12-3155	Leak Tray	PL-1294-A	X	X	Yes	
49.1	12-3180	Leak Containment Tray Clip (sensor 0.5mm)	ST-8207-CN	X	X	Yes	
49.2	NA	Leak Sensor Wire	EL-5074-A	X	X	Yes	
50	12-5315	WL2200 Main PCB HCA & CA -w/ leak detection	EN-6102-A	X	X	Yes	
51	12-5200	WL2000 FS Side Panel L/R Silver Handle Hole	ST-8249	X	X	Yes	

ECOSTREAM PLUS COUNTER TOP WATER FLOW DIAGRAM



ECOSTREAM PLUS TOWER 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.

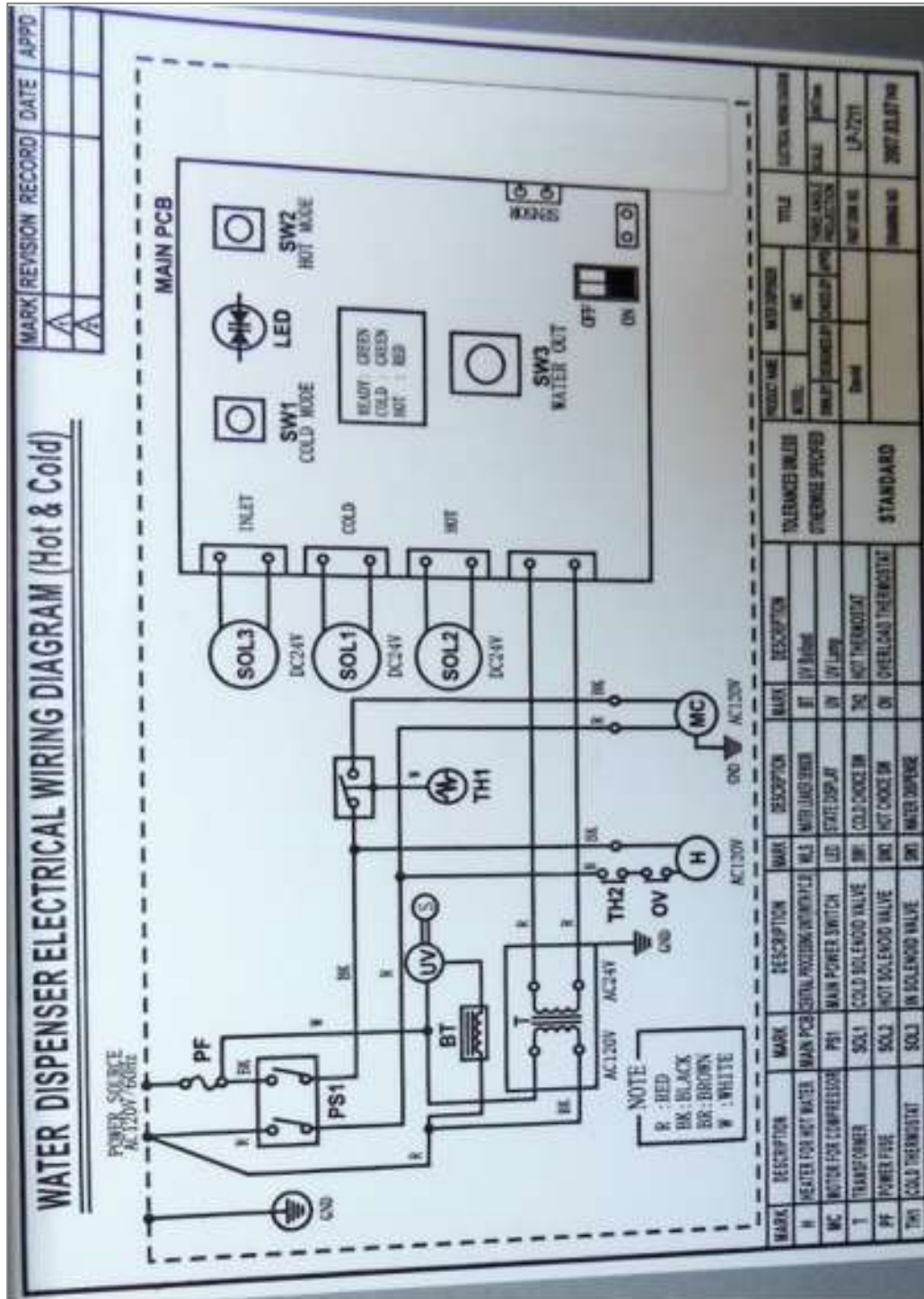
Do not adjust past the “Max Cold” position at 3:00 position to avoid freezing the cold tank.



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

ECOSTREAM PLUS WATER TREATMENT SYSTEM ELECTRICAL DIAGRAM

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



PRE-INSTALLATION PROCEDURES

- ⚠ DANGER! ELECTRICAL SHOCK HAZARD.**
*Only qualified personnel who have read and understand this entire manual should attempt to install, or service this **ECOSTREAM PLUS Water Treatment System**, failure to do so could result in death or serious injury. DO NOT plug into an electrical supply until specifically instructed.*
- ⚠ WARNING! ALWAYS SANITIZE BEFORE USE.**
Sanitize before use to eliminate any potential microbiological contaminants.
- ⚠ CAUTION! DRIP TRAY DRAIN.**
If you intend to provide a drip tray drain for your customer, be aware that you will be called multiple times per month to service and unclog the tubing leading away from the drip tray to drain. Users will clog the drain with paper clips, erasers, napkins, tea bags, gum, and various other intended items. Waterlogic recommends you establish a minimum of weekly visits to the machine for cleaning of the drip tray drain.

Materials Needed:

- Personal Protective Equipment. Rubber or Nitrile Safety Gloves and Protective Eyewear
 - Phillips Screwdriver
 - Temperature Gage
 - Water Pitcher or Container to collect water from the faucet
 - 5-gallon container or drain basin
 - Sanitizer - Household Bleach (5.25% Sodium Hypochlorite) or Citric Acid Based Cleaner
 - ¼" Plastic Tubing, at least 4 feet in length, and assorted ¼" quick connect fittings
 - TDS Meter and Test Strips for measuring chlorine - Optional
1. Unpack the **Waterlogic ECOSTREAM PLUS Water Treatment System** and check exterior for damage.

Flush Filters

⚠ CAUTION! FILTER FLUSH REQUIRED.

ECOSTREAM PLUS's Water Treatment Systems are not supplied with filters. Filters should be configured to optimize your system. Filters need to be configured and specified to do the job given the local water conditions, usage, maintenance schedule, and placement restrictions.

In order for our filters to perform as represented and to provide the best quality water possible, it is essential that filters be replaced periodically. The frequency of filter changes depends upon your water quality and your water usage. For example, if there is a lot of

sediment and/or particles in your water, then you will have to change your filters more frequently than a location with little to no sediment. Be sure to replace your filters whenever you notice a decline in the performance, whether it is a drop in flow rate and/or pressure or an unusual taste in the water.

2. Flush thoroughly per filter manufacturers' recommendation with fresh water to drain.
3. Once flushed, install the filters. Following the flow direction on the filter.

NOTE: Filters should not be flushed prior to 24 hours before installation to limit Microbial Growth.

Sanitizing

Sanitize using a Household Bleach (5.25% Sodium Hypochlorite solution) or other approved cleaner throughout the cold and sparkling water circuits. Follow all instructions on the sanitizer and flush with fresh water through the faucet until odor and taste is acceptable.

⚠ WARNING! USE PROPER PERSONAL PROTECTIVE EQUIPMENT

Always ensure proper ventilation and use proper personal protective equipment such as gloves and eye protection when using chemicals. Refer to Material Safety Data Sheet for specific requirements of each chemical product. Take all necessary precautions to prevent sanitizer from contacting eyes, clothing, and any other surfaces in could damage (carpets).

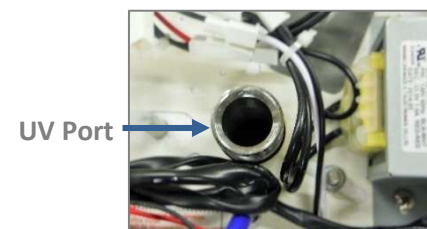
4. Disconnect the UV Lamp wiring harness and carefully remove the UV Lamp from the quartz sleeve.

⚠ CAUTION! UV SYSTEM IS FRAGILE. *Never handle the UV System with bare hands. UV Lamp and Quartz Sleeve must be free of oils and contaminants to ensure proper operation.*

5. Unscrew Cold Tank/Quartz Sleeve retaining cap and remove the Quartz Sleeve. This will require Top Cover to be removed to access properly and facilitate removal.



Retaining Cap



6. Mix ½ gallon of sanitizer per directions or use Bleach Solution (1 teaspoon = 1/6 oz. = 5 ml = ½ cap full) of household bleach (Sodium Hypochlorite 5 - 10% Concentration) with 1/2 gallon of water. Always ensure sanitizer is compatible with stainless steel and acetyl plastic.