

## **SERVICE REQUIREMENTS**

**⚠ WARNING!** *Read and understand the contents of this manual before attempting to service WL15 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.
2. Ensure there is adequate (minimum of 2") clearance around the **WL15 Water Dispenser** and clean the condenser grill and compressor fan to provide efficient cooling system operation.
3. Sanitize the Sparkling and Cold lines 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 are required.*

4. Clean and sanitize external surfaces of the **WL15 Water Dispenser**. Use soap and water or chemicals that are compatible with ABS plastic and will not damage or degrade the product surfaces.
5. Remove and clean the Faucet and Drip Tray on every service visit.
6. Change out filters every 6 months, or as needed.

## **REPLACEMENT COMPONENTS (CONSUMABLES)**

Component	WLCP Part No.	Frequency of Replacement
GAC Filter – 10” Carbon Activated Inline Filter - <b>Optional: Filter Element FT-0038-WLT</b>	FT-0035	Every 12 Months or as required.
Carbon Block – 10” CBC 1-Micron Lead and Cyst Reduction Inline Filter – <b>Optional: Filter Element FT-0064-WLT</b>	FT-0063	Every 6 Months or as required.
Sediment Filter – 10” Sediment 20-Micron Inline Filter – <b>Optional: Filter Element FT-0055-WLT</b>	FT-0053	Every 6 Months or as required.
Hot Tank Assembly	15-9080	Every 3-5 Years depending on use
UV Lamp	15-9135	Every 12 months, or as required.

**⚠ 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 every 3-5 years. It is recommended to descale the hot tank once a year.

### 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.

### Tank Sanitization

Run sanitizer through the sparkling and cold lines on an annual basis to inhibit issues with biofilm and mold. This process is covered in the Installation section.

## **DISPOSAL**

### End of Life

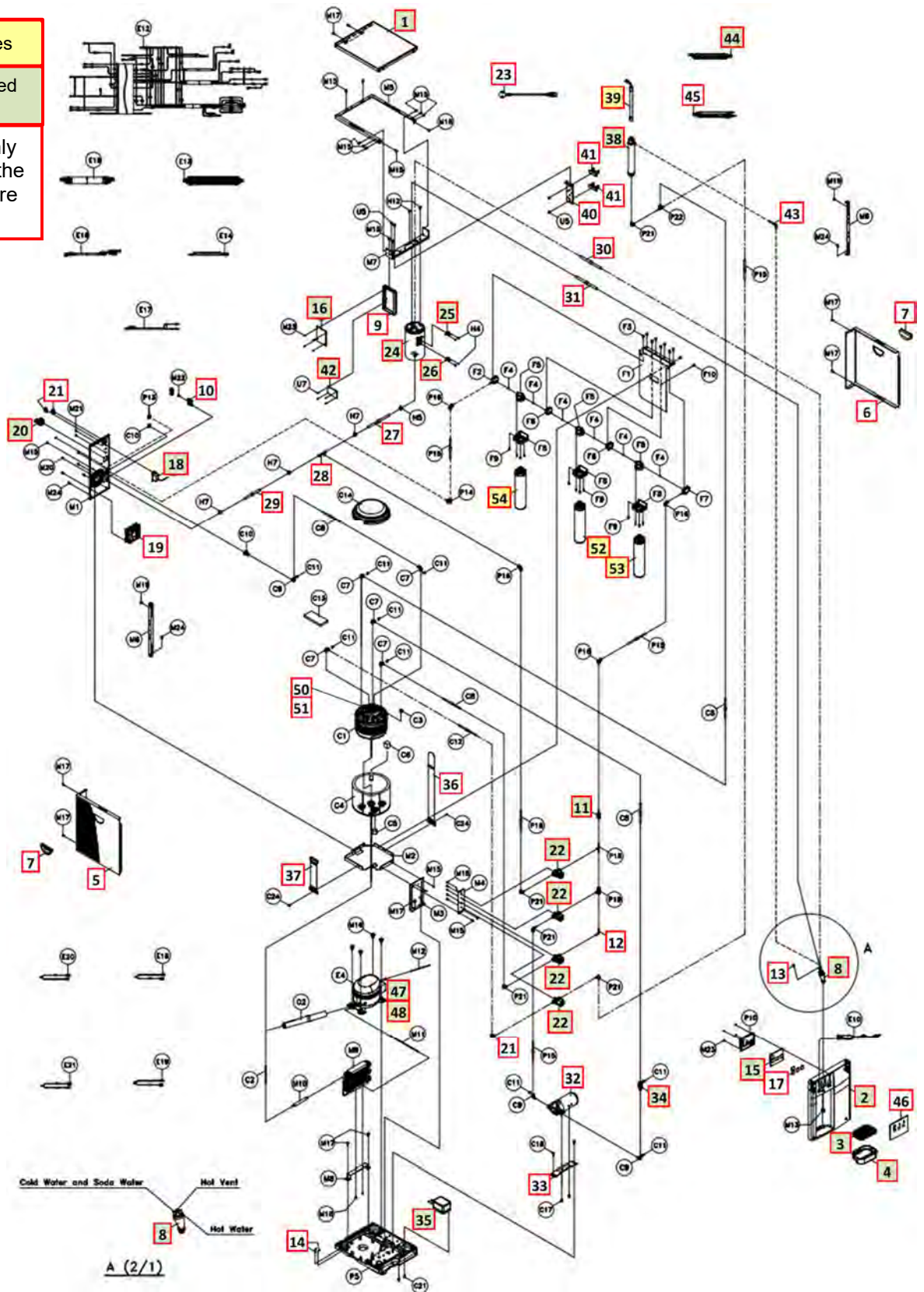
At the **end of this product’s life**, ensure that it is disposed of in an environmentally friendly manner which is fully compliant **with all Federal/State/Local Requirements and Guidelines**. Do not dispose of this appliance with normal household or business waste.

## WL15-CHS DRAWING AND PARTS LIST


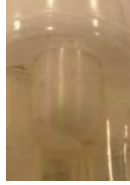




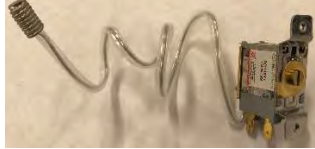



Yellow = Consumables

Green = Recommended spare parts





WL has elected to only stock select parts of the WL15. These parts are boxed in Red.



No	WL Part No.	Description	Charm Part No.	
1	15-9005	TOP COVER, BLACK	3PC818-02-BK	
2	15-9010	FRONT PANEL, SILVER	3PC818A-01-7L	
3	15-9015	DRIP TRAY GRILL, SILVER	3PC818-08-1	
4	15-9020	DRIP TRAY	3PC818-07-BK	
5	15-9025	LEFT SIDE PANEL, BLACK	3PC-PR-03S-BK	
6	15-9030	RIGHT SIDE PANEL, BLACK	3PC-PR-04-BK	
7	15-9035	HANDLE	3PT789-09-BK	
8	15-9040	4-WAY FAUCET	2PC698H-06-4-01	
9	15-9175	MAIN PCB MOUNTING BOX	3PCM104-09	
10	15-9176	DUAL DRAIN PORT W/ O-RINGS	2PC698H-13-1	
11	15-9177	INLINE FILTER SCREEN, QUICK CONNECT	2PC-Z23	

12	15-9178	ELBOW VENT FITTING	3PC-Z20-L-2	
13	15-9045	SILICONE CAP FOR UNUSED PORT	3SO-013-2	
14	15-9050	M14 LEAK DETECTION PROBES	3M-Z2318-6	
15	15-9055	TOUCH PCB	3E-IC818A-TC-DC	
16	15-9060	MAIN PCB	3E-IC103-CHST-B	
17	15-9065	LIGHT GUIDE PLATE (LGP)	3E-LT-01	
18	15-9179	COLD TANK THERMOSTAT	3E-C025	
19	15-9070	FAN UNIT	3E-Z112	
20	15-9180	3 PIN SOCKET WITH FUSE AND FUSE BLOCK	2WL-Z003-10A	
21	15-9181	BOAT TYPE SWITCH	3E-Z225	



22	15-9075	LARGE FLOW VOLUME SOLENOID VALVE	2R-E301A-EZ	
23	10-3007	STANDARD POWER CORD, 120V, 1840mm	3WL015+005	
24	15-9080	HOT WATER TANK COMPLETE SET	3M-TW-L728-BD	
25	15-9085	92C OVERLOAD, HOT TANK	3E-C015-1	
26	15-9090	82C THERMOSTAT, HOT TANK	3E-C016-4	
27	15-9095	SILICONE PIPE, HOT DRAIN	3SI-085-095	
28	15-9100	TEE FITTING, QUICK CONNECT	3PC698H-14-1	
29	15-9105	SILICONE PIPE, HOT DRAIN	3SI-085-245	
30	15-9110	SILICONE PIPE, HOT TO FAUCET	3SI-088-210	

31	15-9115	SILICONE PIPE, HOT VENT TO FAUCET	3SI-088-190	
32	15-9120	CARBONATOR PUMP	3R-E004EZ	
33	15-9125	PUMP MOUNTING PLATE	3M-M102-07	
34	15-9182	CHECK VALVE, OUTLET CARBONATOR PUMP	2PC-Z23-2	
35	15-9183	TRANSFORMER (CHS)	3R-E014	
36	15-9184	VELCRO STRAP (LONG)	3Z-C027	
37	15-9185	VELCRO STRAP (SHORT)	3Z-C028	
38	15-9130	UV HOUSING	2R-UVL-32	
39	15-9135	UV LAMP	2R-UVL-31	

40	15-9140	FIXTURE OF SOLENOID VALVE	3M-215-07	
41	15-9145	UV CLIP	3R-P105-1	
42	15-9150	PCB OF UV STABILIZER	3E-ICUV-D	
43	15-9155	L TYPE SILICONE TUBE TO FAUCET	3SL-028	
44	15-9160	CONNECTING WIRE OF UV LAMP	3WL-298-17	
45	15-9165	UV CONTROLLING WIRE	3WL-298-16	
46	15-9170	TOUCH PANEL INDICATION STICKER (CHS)	3F1-818ACHS-01	
47	15-9186	STARTER RELAY, COMPRESSOR	N/A	 



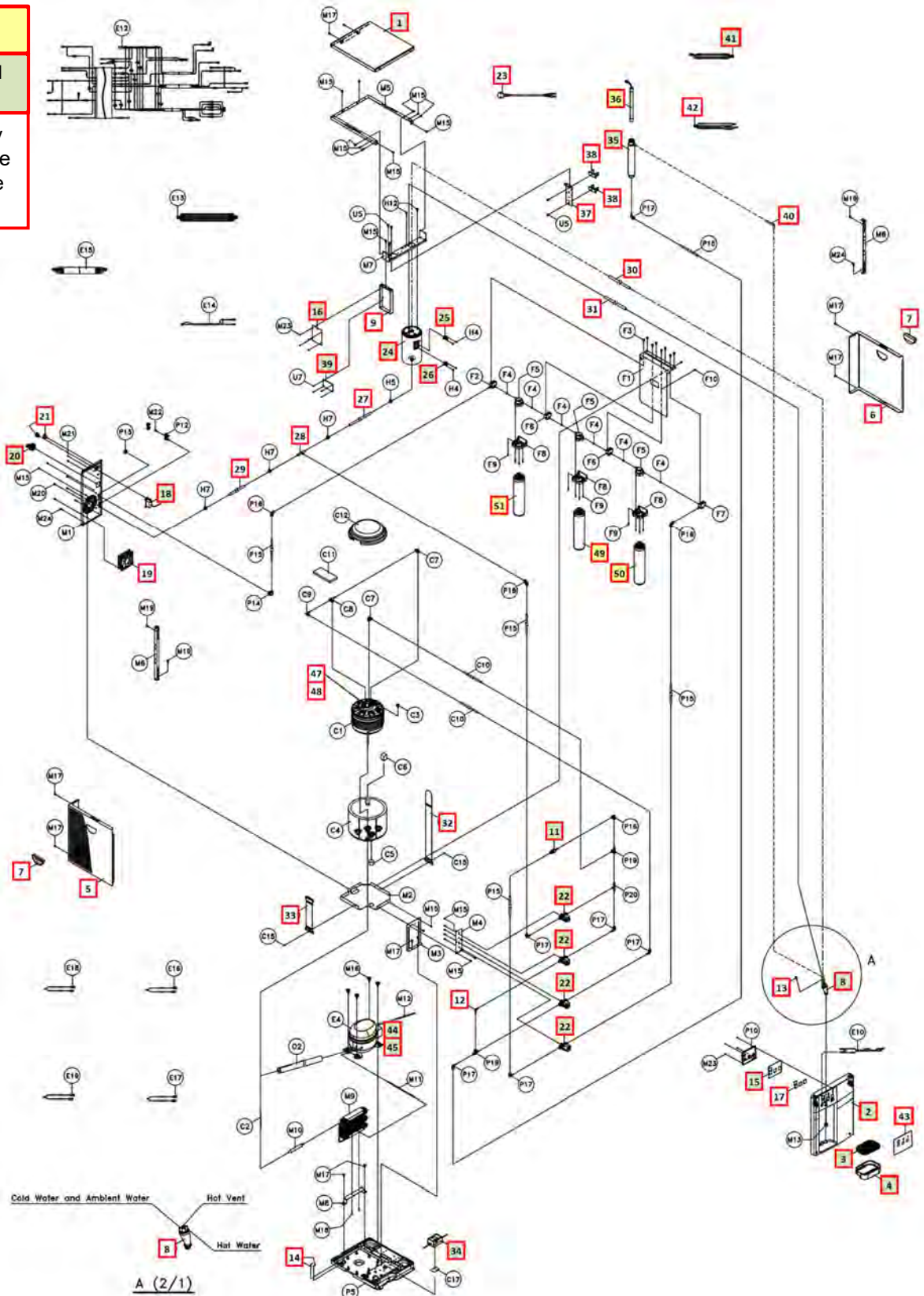
48	15-9187	OVERLOAD RELAY, COMPRESSOR	N/A	
49	15-9002	HCS TOUCHLESS MODULE (OPTIONAL)	N/A	
50	15-9190	WATER LEVEL SENSOR PROBE (60MM)	3M-Z2318-4	
51	15-9191	WATER LEVEL SENSOR PROBE (50MM)	3M-Z2318-9	
52	FT-0035 (OPTIONAL)	GAC FILTER – 10” CARBON ACTIVATED INLINE FILTER <b>OPTIONAL</b> FILTER ELEMENT FT-0038-WLT	N/A	
53	FT-0063 (OPTIONAL)	CARBON BLOCK – 10” CBC 1-MICRON LEAD AND CYST REDUCTION INLINE FILTER <b>OPTIONAL</b> FILTER ELEMENT FT-0064-WLT	N/A	
54	FT-0053 (OPTIONAL)	SEDIMENT FILTER – 10” SEDIMENT 20 MICRON INLINE FILTER <b>OPTIONAL</b> FILTER ELEMENT FT-0055-WLT	N/A	

## WL15-CHA WATER FLOW DIAGRAM

Yellow = Consumables

Green = Recommended spare parts

WL has elected to only stock select parts of the WL15. These parts are boxed in Red.



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2	15-9010	FRONT PANEL, SILVER	3PC8181A-01-7L	
3	15-9015	DRIP TRAY GRILL, SILVER	3PC818-08-1	
4	15-9020	DRIP TRAY GRILL	3PC818-07-BK	
5	15-9025	LEFT SIDE PANEL, BLACK	3PC-PR-03S-BK	
6	15-9030	RIGHT SIDE PANEL, BLACK	3PC-PR-04-BK	
7	15-9035	HANDLE	3PT789-09-BK	
8	15-9040	4-WAY FAUCET	2PC698H-06-4-01	
9	15-9175	MAIN PCB MOUNTING BOX	3PCM104-09	
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11	15-9177	INLINE FILTER, QUICK CONNECT	2PC-Z23*	
12	15-9178	ELBOW VENT FITTING	3PC-Z20-L-2	
13	15-9045	SILICON CAP FOR UNUSED PORT	3SO-013-2	
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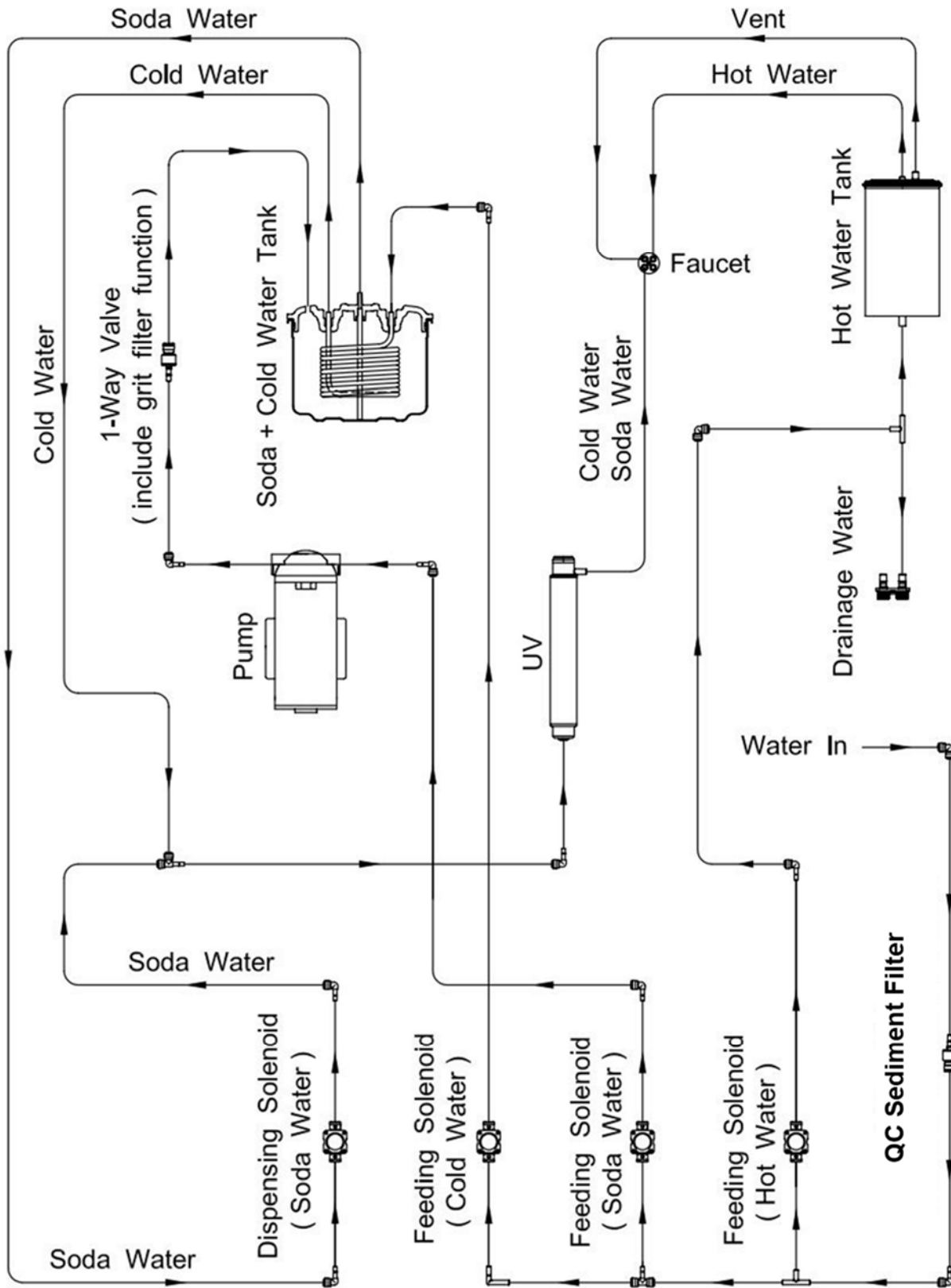


30	15-9110	SILICONE PIPE, HOT TO FAUCET	3SI-088-210	
31	15-9115	SILICONE PIPE, HOT VENT TO FAUCET	3SI-088-190	
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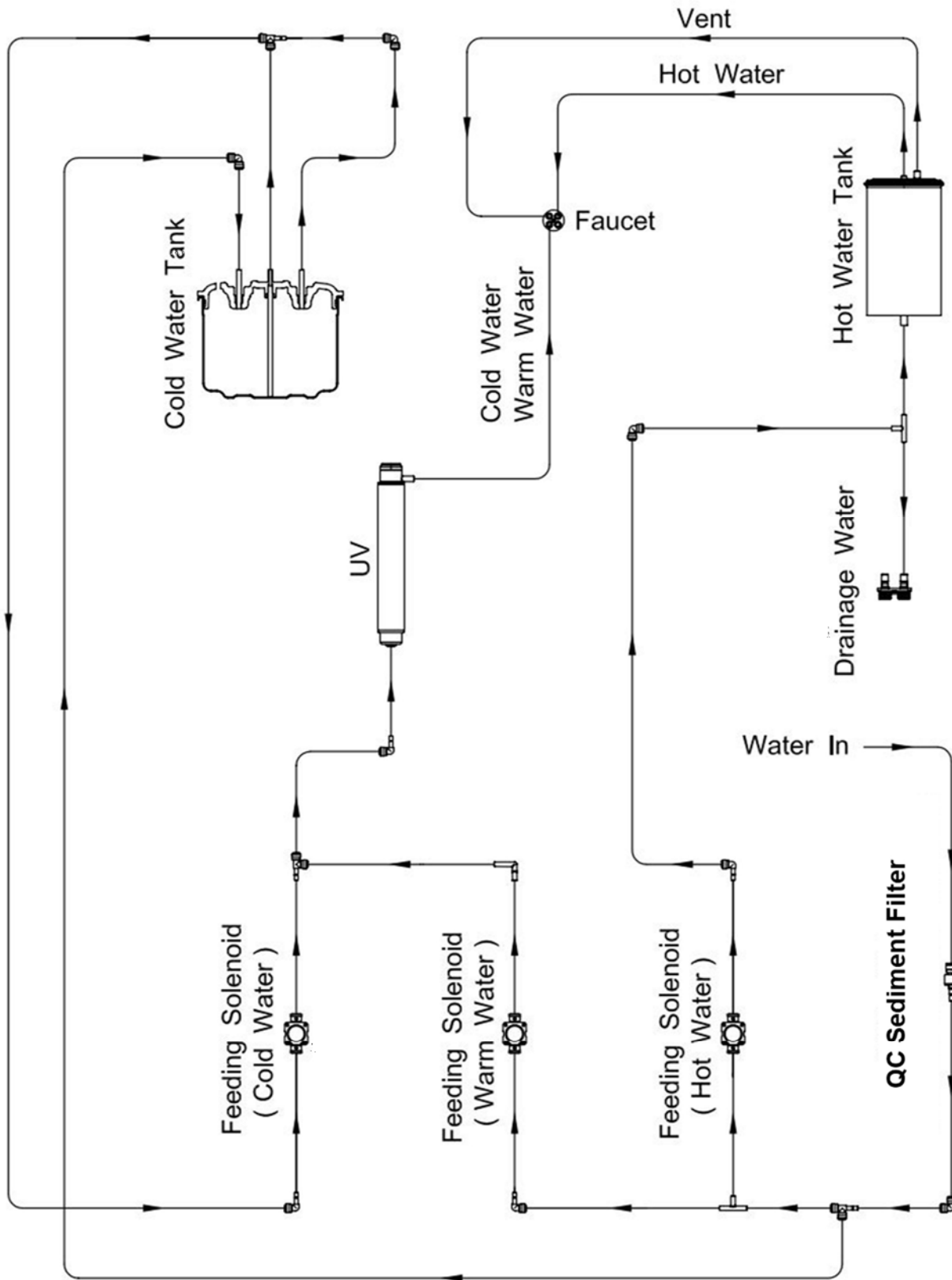
40	15-9155	L TYPE SILICON TUBE, TO FAUCET	3SL-028	
41	15-9160	CONNECTING WIRE OF UV LAMP	3WL-298-17	
42	15-9165	UV CONTROLING WIRE	3WL-298-16	
43	15-9189	TOUCH PANEL INDICATION STICKER (CHA)	3F1-818ACWH-01	
44	15-9186	STARTER RELAY, COMPRESSOR	N/A	
45	15-9187	OVERLOAD RELAY, COMPRESSOR	N/A	
46	15-9000	HCA TOUCHLESS MODULE (OPTIONAL)	N/A	
47	15-9190	WATER LEVEL SENSOR PROBE (60MM)	3M-Z2318-4	

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**WL15-CHS FLOW DIAGRAM**



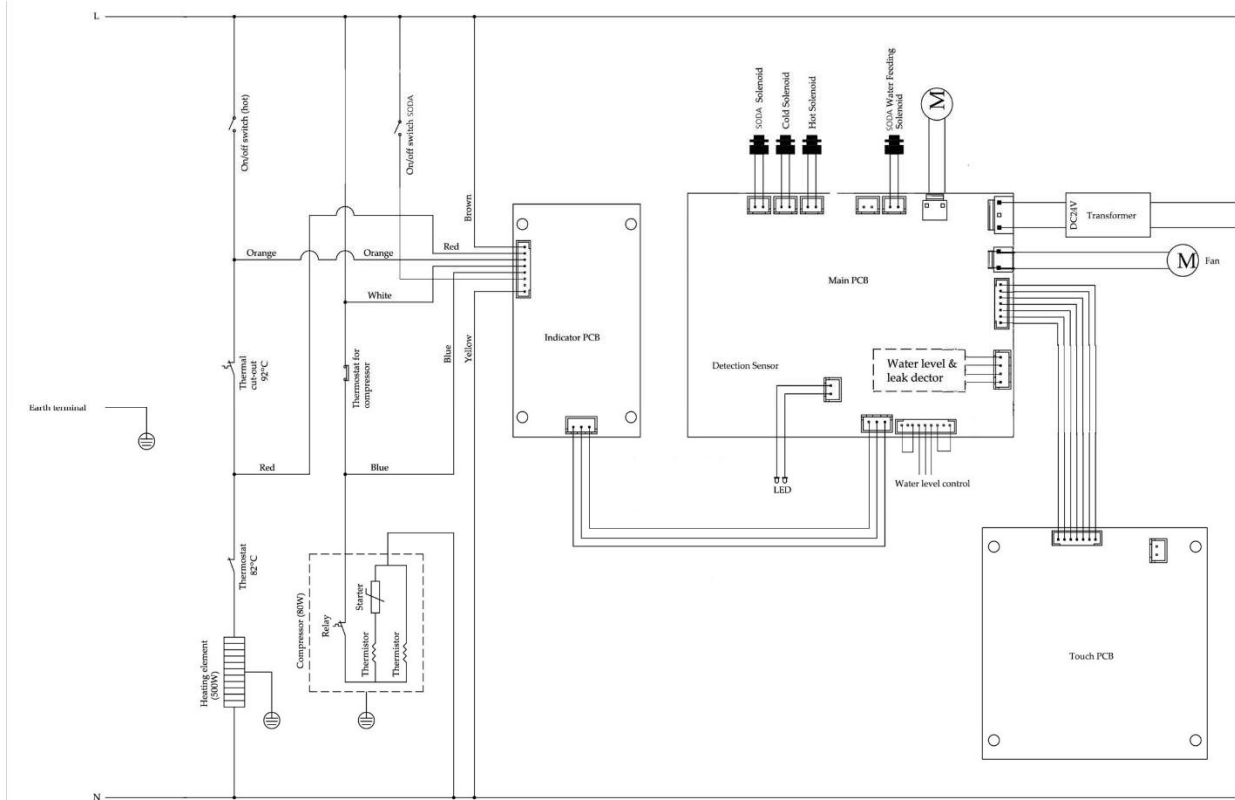
### WL15-CHA FLOW DIAGRAM





## WL15 ELECTRICAL DIAGRAM

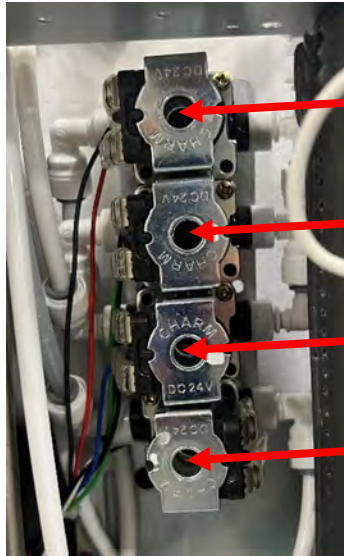
**⚠ DANGER!** HIGH VOLTAGE ELECTRICAL HAZARD. PCB (Printed Circuit Board) contains High Voltage. Only trained and qualified technicians should attempt live testing.



## SOLENOID VALVE QUICK REFERENCE

Below is a quick reference guide for identifying the solenoids in the CHS and CHA versions of the **WL15**. Also shown are the connections of the solenoids to the PCB.

### CHS



Hot Water Feed Sol/V  
(Red Wire)

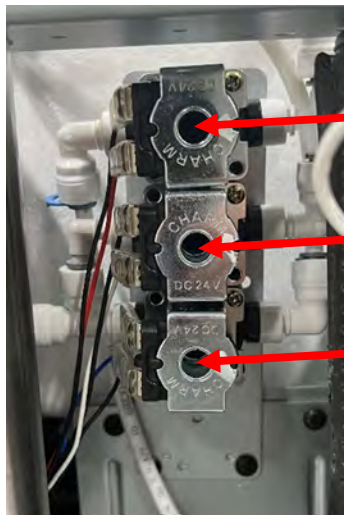
Sparkling Water Feed Sol/V  
(Green Wire)

Cold Water Feed Sol/V  
(Blue Wire)

Sparkling Water Disp. Sol/V  
(White Wire)



### CHA



Hot Water Feed Sol/V  
(Red Wire)

Ambient Water Feed Sol/V  
(White Wire)

Cold Water Feed Sol/V  
(Blue Wire)

