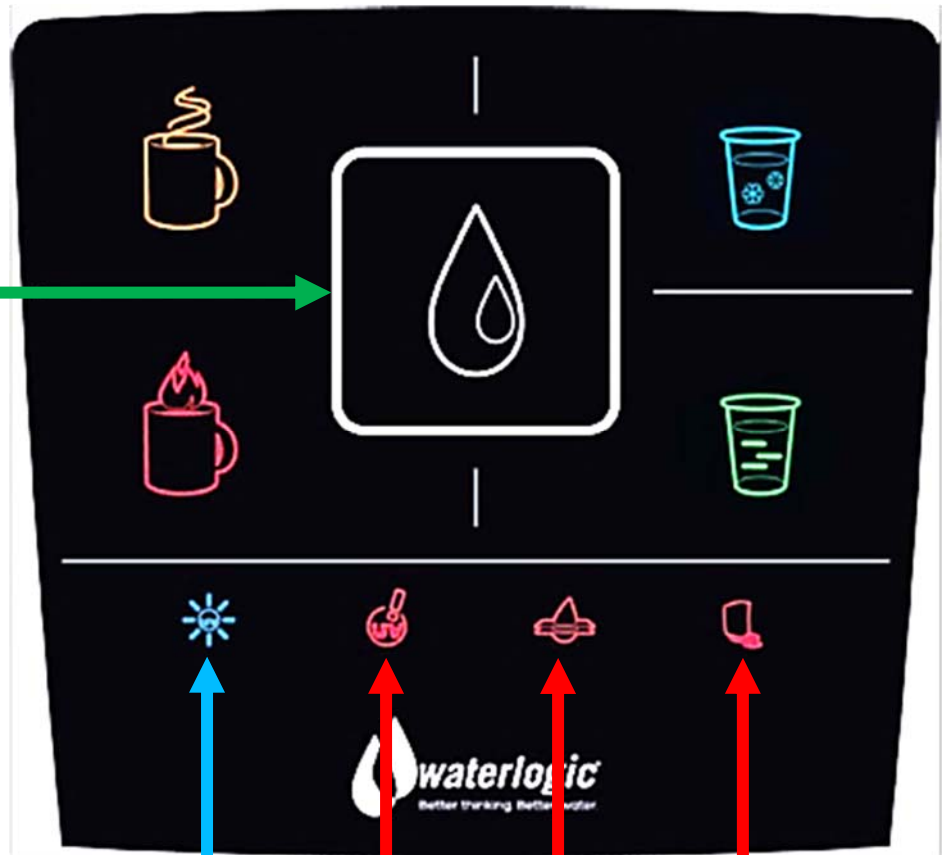


PCB LED CODES

**Energy Saving Sleep Mode
Active**

White Dispense Backlight
indicates Cube is in Energy
Saving Sleep Mode.

No Dispense Backlight
indicates Cube is NOT in
Energy Saving Sleep Mode.



UV Dosage is adequate when
illuminated

UV Purification Alert
Replace UV Lamp

Filter Service
Needed
Replace Filter
Cartridge

Leak has been
detected

Cold and Ambient water will not dispense
without properly functioning FIREWALL™
UV purification that ensures the safety of
the water.

Instructions to Replace the UV lamp, Replace Filter Cartridge and correcting any leaks elsewhere
in this Manual.

CONSUMABLE COMPONENTS

Component	WLCP Part No.	Frequency of Replacement
13W UV Lamp Assembly	10-8075	Every 12 months, or as required Factory PN: CT-2090-C
Sediment 20 Micron Filter Click-In-Click-Out Housing Assembly NSF/ANSI 53 Certified	FT-0003-L00-WLT Replacement Element P/N FT-0055-WLT	Every 12 months. <i>Local water conditions will determine proper filter type and maintenance schedule.</i>
Hot Tank 1.3 Liter 120V/500W	HT-0001-I00	Every 3-5 years, depending on usage.

⚠ 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 HT-0001-I00 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.

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.



SERVICE REQUIREMENTS

⚠ WARNING! *Read and understand the contents of this manual before attempting to service CUBE. 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.*

Materials Needed:

- Personal Protective Equipment. Rubber or Nitrile Safety Gloves and Protective Eyewear
- Phillips Screwdriver.
- Replacement filter cartridge(s)
- New 13-Watt UV lamp
- 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

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

1. Visually inspect all electrical and water connections for signs of wear or damage.
2. *Waterlogic* recommends changing the UV Lamp every 12 months.

⚠ 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.*

⚠ 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.*

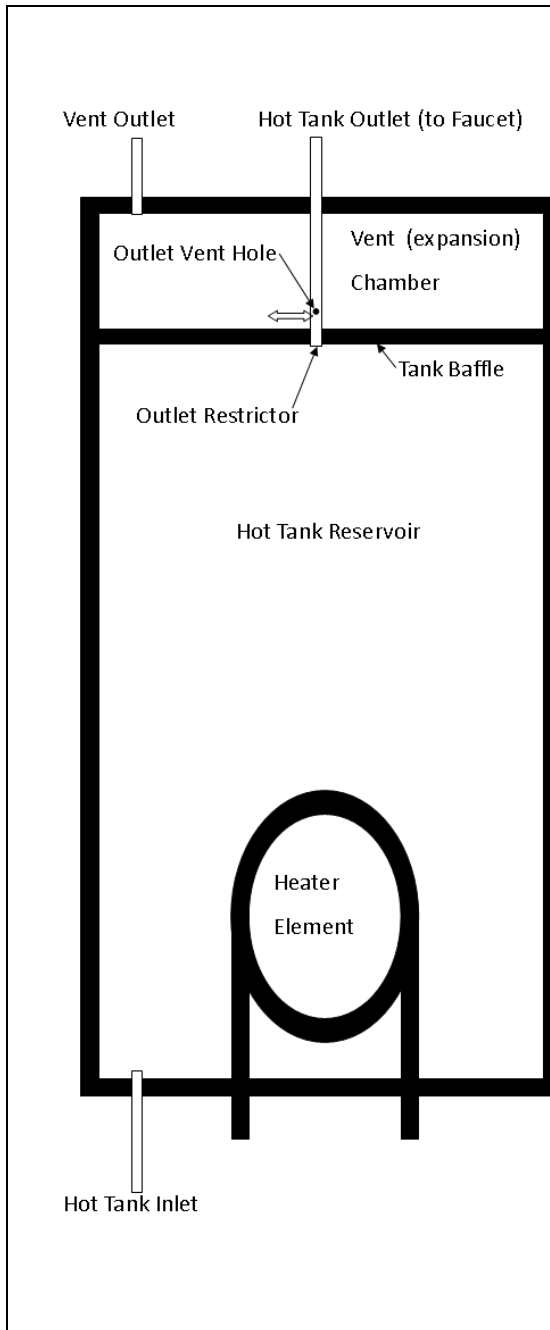
3. Ensure there is adequate (minimum of 2") clearance around the Cube Water Treatment System and clean the condenser grill and compressor fan to provide efficient cooling system operation.
4. Sanitize the cold tank per instructions in the pre-installation procedures.

Clean and sanitize external surfaces of the Cube Water Treatment System. Use soap and water or chemicals that are compatible with ABS plastic and will not damage or degrade the product surfaces.

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 (HIGH LIMIT) SAFETY

1. Turn off both the Green Heater/Compressor Switch and the Red Power Switches located on back of unit

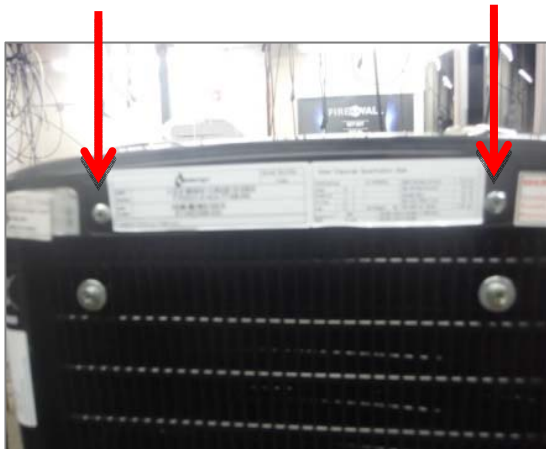


O=OFF

2. Unplug power to unit.

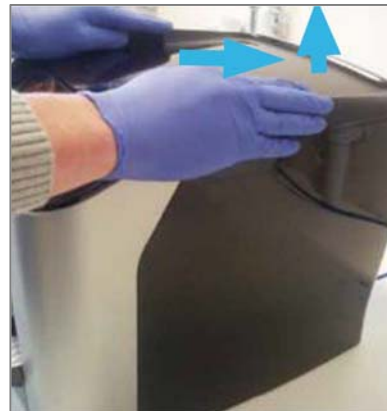


3. With a Phillips Head Screwdriver, remove the two screws at back of the Top Cover if installed.



4. Remove Top Cover by placing your hands on the top and pushing the Top Cover towards the rear.

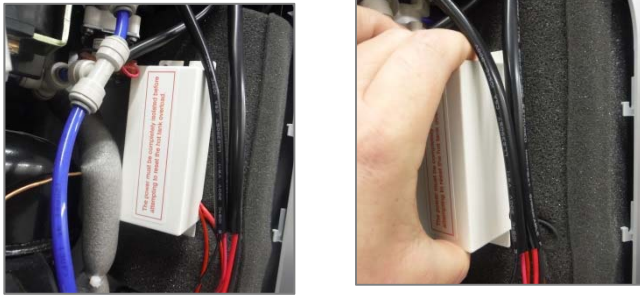
Lift and remove.



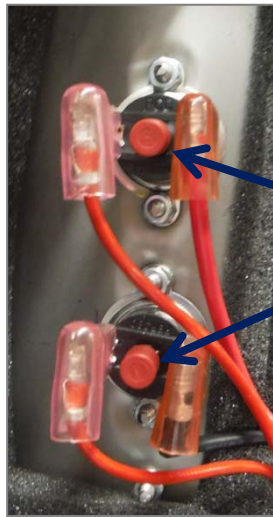
5. With a Phillips Head Screwdriver, Remove the two screws on the Right-Side Panel
Remove Right Side Panel.



6. Reach up behind the Hot Tank and take hold of the protective metal box covering the overloads on the Hot Tank. There are nuts that secure the metal box to the Hot Tank, however the nuts are loose enough to remove them metal box.



7. Press Red Button on each overload to reset (there are two reset buttons)



Location of the two
Hot Tank Overload
Buttons

8. Reassemble unit by using these instructions in reverse.

HOT TANK DESCALING

The Hot Tank requires removal of mineral deposits (descaling) on a regular basis, 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, it will hinder your unit's performance.

Hot Tank Troubleshooting: Hot water intermittently forced out through the faucet is an indicator that descaling is needed. This occurs when scale has deposited on the expansion slot inside the Hot Tank vent chamber and blocks the normal path for water to expand.

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.

⚠ 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 unit completely. Dispose in an environmentally safe manner.

See Hot Tank Descaling Video and training procedure located on the **Partner Area of the Waterlogic Website** for more detailed instructions. www.waterlogic.us

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. Turn off the incoming water supply at the isolation point
 2. Select the cold-water icon and then select the Dispense Button, when the water stops flowing release the button.



3. Switch off the Red Power and the Green Heater/Compressor Switches *O=OFF* at the rear of the machine and remove the power lead from the unit.



4. Use a Phillips-head screwdriver to remove the two screws at the rear of the machine that secure the Top Cover if installed.



5. Remove the Top Cover by placing your hands on the Top, and push it towards the rear of the **CUBE** then lift to remove.



6. Next, remove the Filter closest to the front of the machine.

Insert your finger into the round hole of the lever, and pull the lever up to the vertical position.



7. Pull the lever straight up to remove the filter assembly (some slight force may be required).

Verify the filter removed is the 10-inch CBC filter. If the filter is labeled differently, call 1-800-288-1891 Technical Assistance.



8. Unscrew the filter body from the filter head by turning the base in a clockwise direction.

9. Pour away the excess water.

10. Remove the Filter Cartridge from the filter head by turning the base in a clockwise direction.



11. Remove the Hot Drain Valve Cap at the back of the **CUBE** until all water has been removed.



12. Add Descaling Solution (minimum 2 ounces of descaling powder) to Empty Filter Body.

13. Screw the Filter Body to the filter head in a counter-clockwise motion, it must be securely tightened.



14.
 - a. Insert the Filter Assembly back into its cradle, aligning the two male ports with the female holes in the cradle
 - b. Push it firmly until the filter is securely in place and is flush with the cradle top surface.
 - c. Lock the filter by closing the locking lever until it 'clicks' into place.



15. Turn on the water supply at the isolation point

16. Reconnect the power lead and insert it into the rear of the machine.
Turn ON the Red Power Switch. *I=ON*



17. Place a container under the dispense area. Select the Hot Water Icon and then the Dispense button.

Dispense 2 quarts of water.



18. Turn on Green Heater/Compressor Switch at rear of machine. *I = ON*



19. Leave the descale solution fluid to stand in the Hot Tank for 20 minutes.

After 20 minutes, select the Hot Water Icon, select the Dispense button and flush 3 gallons of Hot water through the **CUBE**.

20. Turn off the water supply at the isolation point.

21. Select the Cold-Water Icon, then the Dispense Button until no water dispenses from the **CUBE**.



22. Switch Off the Red Power and Green Heater/Compressor Switch at the rear of the machine. *O=OFF*



23. Remove the Power Lead from the unit.

24. Insert your finger into the round hole of the lever, and pull the lever up to the vertical position.

NOTE: Make sure the front Filter with descaling solutions is the one removed.



25. Pull the lever straight up to remove the filter assembly (some slight force may be required)



26. Unscrew the filter body from the filter head by turning the base in clockwise direction.



27. Pour away the excess water, ensure any remnants of decaling solution have been flushed.

28. Remove the Filter Cartridge from the filter head.



29. Screw the Filter Body to the Filter Head by turning the base in a counter-clockwise direction. Ensure it is securely tightened.



30. Fit the Filter Assembly into the machine as follows:

- a. Insert the Filter Assembly back into its cradle, aligning the two male spigots with the female holes in the cradle
- b. Push it firmly until the Filter is securely in place and is flush with the cradle top surface.
- c. Lock the filter by closing the locking lever until it 'clicks' into place.



31. Use a Phillips-head screwdriver to reinstall the two screws at the rear of the machine that secure the Top Cover if screws were removed in Step 4.




32. Turn on the water supply at the isolation point.
33. Reconnect the power lead and insert it into the rear of the machine. Turn on the Red Power Switch *I=ON*





34. The Green Heater/Compressor switch can now be turned on. *I=ON*
Allow the **CUBE** to heat and cool the water.



35. Clean the outside of the machine with the non-abrasive anti-bacterial wipe or cloth.
36. Taste the water one final time, if you detect hint of taste, flush 3 more gallons of water through the Hot Tank.

-  **WARNING! HOT WATER HAZARD.** *Unit Produces Very Hot Water and Steam. Always use insulated and chemically compatible containers and let unit cool down before draining the Hot Tank to avoid injury.*

-  **CAUTION! REPLACE HOT TANK EVERY 3-5 YEARS.** *The Hot Tank and its controls should be replaced a minimum of every three to five years to ensure efficient 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.*

FILTER REPLACEMENT

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 on 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.

⚠ WARNING! *Read and understand the contents of this manual before attempting to service CUBE. 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.*

Materials Needed:

- Phillips Screwdriver.
- Replacement filter cartridge(s)
- Water Pitcher or Container to collect water from the faucet
- 5-gallon container or drain basin

1. Turn off the incoming water supply at the isolation point.
2. Select the cold-water icon and then select the dispense button. When the water stops flowing release the button



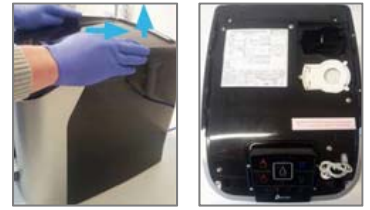
3. Switch Off the Red Power Switch and the Green Heater/Compressor switches at the rear of the machine *O=OFF* and remove the power lead from the **CUBE Water Treatment System**.



4. Remove the two screws at the rear of the machine that hold the Top Cover in place



- Remove the Top Cover by placing your hands on the Top in the picture and push it backwards and then lift it up to remove.



- Replace the Carbon Block Filter. Insert your finger into the top of the carbon block filter (the filter that is closer to the front of the machine) and pull the lever up to the vertical position.



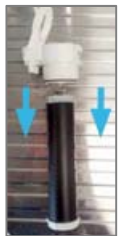
- Pull the lever straight up to remove the filter assembly (slight force may be required).



- Remove the Filter Body from the filter head by turning the base in a clockwise direction.



- Remove the Filter Cartridge from the Filter Head by pulling it out.



- Remove the new Filter Cartridge from the packaging and fit it by firmly pushing it into the Filter Head, making sure it is firmly and securely fitted.



11. Screw the Filter Body to the filter head by turning the base in a clockwise direction. Ensure it is securely tightened.

12. Fit the filter assembly into the machine:

a. Insert the filter assembly back into its cradle, aligning the two male spigots with the female holes in the cradle



b. Push it firmly until the filter sits snugly and is flush with the cradle top surface



c. Lock the filter by closing the locking lever until it 'clicks' into place



13. Replace Top Cover and Screws.

14. Turn on the Water Supply.

15. Turn on Red Power Switch I=ON

*Do not turn on Green Heater / Compressor Switch until instructed to do so.



16. Select Cold Water and dispense until water flows clear. This step flushes the carbon fines from the filter.

17. Reset filter service timer. Reset by selecting the hot and cold icons simultaneously and holding them for 10 seconds. The unit will beep and the filter service indicator light will turn off once reset is complete.

18. Turn on Green Heater / Compressor Switch. I=ON



UV LAMP REPLACEMENT

1. Remove the UV Lamp Protective Cover from the front right-hand side of the **CUBE** by removing the fixing screw and lifting the cover up



2. Disconnect the UV Lamp Connector by pressing in the clip on the side of the machine.

Pull the connector towards the front of the machine.



3. Firmly pull the old UV Lamp up and out of the **CUBE**.

Do not pull the lamp out an angle as it may break or damage the internal parts of the **CUBE**.



4. Insert the new UV Lamp while holding the white end caps only.

Insert the UV Lamp, ensuring you have pushed it all the way down until it cannot go any further.

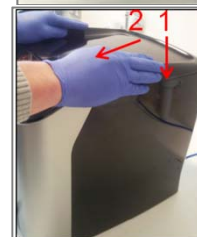
Reconnect the UV lamp Connector, making sure the connectors are lined up correctly as they will only fit when correctly aligned.



5. Reinstall the UV Lamp Protective Cover and Secure it in place with the fixing screw.



6. Install the Top Cover onto the machine by placing cover into position. Ensure the two fixing logs at the front are lined up with the grooves, then pulling the cover firmly towards yourself until it clicks into place.



7. Reconnect the power lead into the back of the machine and plug in to power source.



8. Turn on Red Power Switch to the On Position *I = On*



9. Visually verify that the UV Lamp is working correctly by checking the PCB LED. There should be no warning icons flashing.



Note: UV Lamp Sensor is temperature sensitive. During extended periods of use, especially when filling or draining the unit, when water is not being dispensed UV Lamp Sensor can overheat, initiating a UV Fault. If this occurs, turn off the unit for 5 minutes and allow sensor to cool before resuming operation.

QUARTZ SPIRAL REPLACEMENT

1. Turn off both the Green Heater/Compressor Switch and the Red Power Switches located on back of unit

O=OFF

Unplug power to unit.

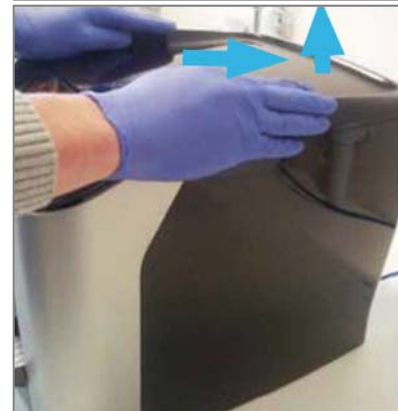


2. With a Phillips Head Screwdriver, remove the two screws at back of the Top Cover if installed.



3. Remove Top Cover by placing your hands on the top and pushing the Top Cover towards the rear.

Lift and remove.



4. With a Phillips Head Screwdriver, remove the two screws on the Left Side Panel. Remove Left Side Panel.

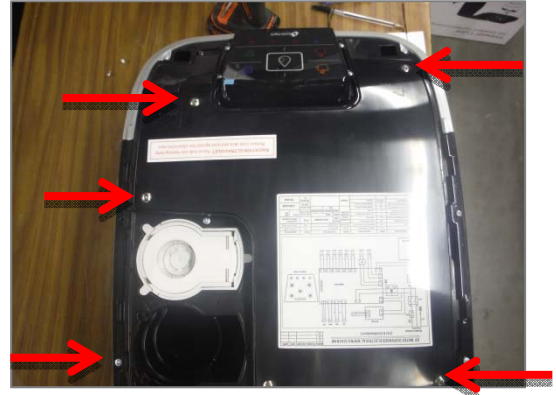
Remove the two screws on the Right-Side Panel.

Remove Right Side Panel.



5. With a Phillips Head Screwdriver, remove the five screws on the electrical cover plate.

Remove the Electrical Cover Plate.



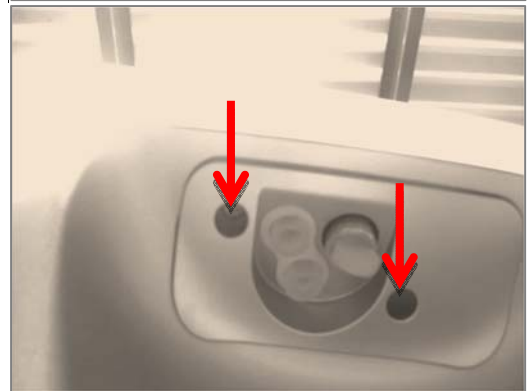
6. With a Phillips Head Screwdriver, remove the four screws that attach the Selection - Dispense PCB to the Mainframe.

Remove the Selection - Dispense PCB.



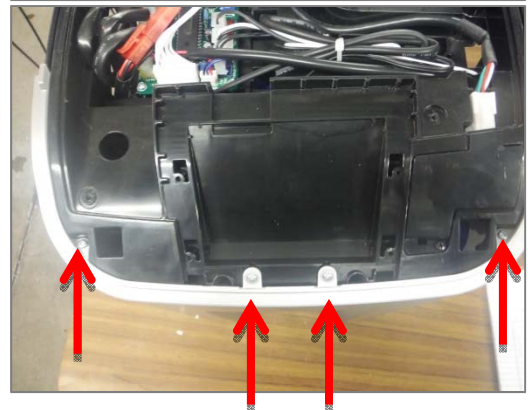
7. With a Phillips Head Screwdriver, remove the two screws from the faucet plate.

Remove Faucet Plate.



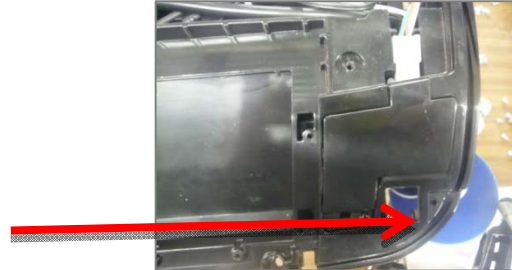
8. With a Phillips Head Screwdriver, remove the four screws that attach the Front Panel to the mainframe.

Remove Front Panel.



9. With a Phillips Head Screwdriver, remove one screw from the UV Lamp Cover Plate.

Remove UV Lamp Cover Plate.



10. Disconnect the UV Lamp Connector by holding it and pressing in the clip. Pull the connector towards rear of the **CUBE**.



11. Firmly pull up the UV Lamp while only holding the lamp by the white end caps.

NOTE: Do not pull the UV lamp out at an angle, as it may break or damage the internal parts of the **CUBE**.



12. Remove Front Frame. Front Frame is attached using 6 Phillip Screws.

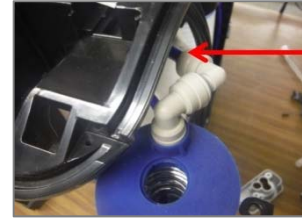


2 screws are located on the top of the frame.

2 screws are located at the bottom of the frame.

2 screws are located on both sides, underneath the upper part of the frame.

13. Disconnect elbow from tubing on the UV Lamp Assembly.



14. Remove Firewall™ housing Top Cover.



15. Remove Quartz Sleeve Spiral from housing



16. Remove blue CDS fixing rubber and elbow from quartz spiral.



17. Put blue CDS final rubber and elbow on new quartz spiral.

Support when attaching rubber.

18. Place silicon cushion into bottom of housing assembly.



19. Insert quartz spiral into Firewall™ Housing.



20. Reassemble unit by using these steps in reverse order.

BYPASSING COVER PIN

If pin on back of the cover breaks off, the unit will be disabled.

To bypass in the event this occurs:

1. Remove Top Cover
2. Remove 5 screws from inner top cover to access electronics:



3A. Locate interlock switch at rear of unit two brown wires with white quick connects.



3B. Bypass the interlock by looping the two brown wires together and leave the switch unplugged.



3C. Tuck wires back into place and reinstall covers.

PROGRAMMING MENU AND INSTRUCTIONS

PROGRAMMING: ENERGY SAVING SLEEP MODE

The **Waterlogic CUBE Water Treatment System** has an Energy Saving Sleep Mode feature that minimizes power consumption by shutting down the heater circuit if the machine has not been operated for either 3 or 72 hours depending on the program setting. The **CUBE** is shipped with default set to 3-hour Energy Saving Sleep Mode.

1. Default is set to 3 hours.

Press and hold Hot Water Icon for 10 seconds, until you hear the **CUBE** beep.

Hot Water Icon

Extra Hot Water Icon



2. To set Energy Saving Sleep Mode to 72 hours, press and hold the Extra Hot water icon for 10 seconds, until you hear the **CUBE** beep.

3. Once the **Cube** is in Energy Saving Sleep Mode.

The white LED light surrounding the dispense buttons illuminates.

White LED light
around Dispense
Button



4. To wake up the **CUBE** out of Energy Saving Sleep Mode, touch the Hot LED Icon shown.

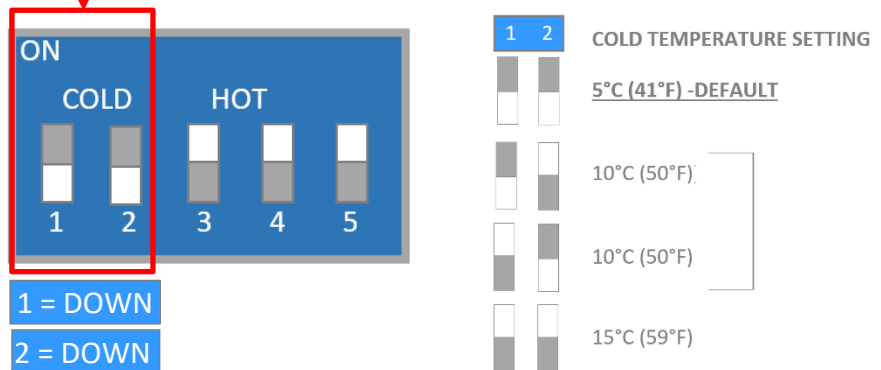
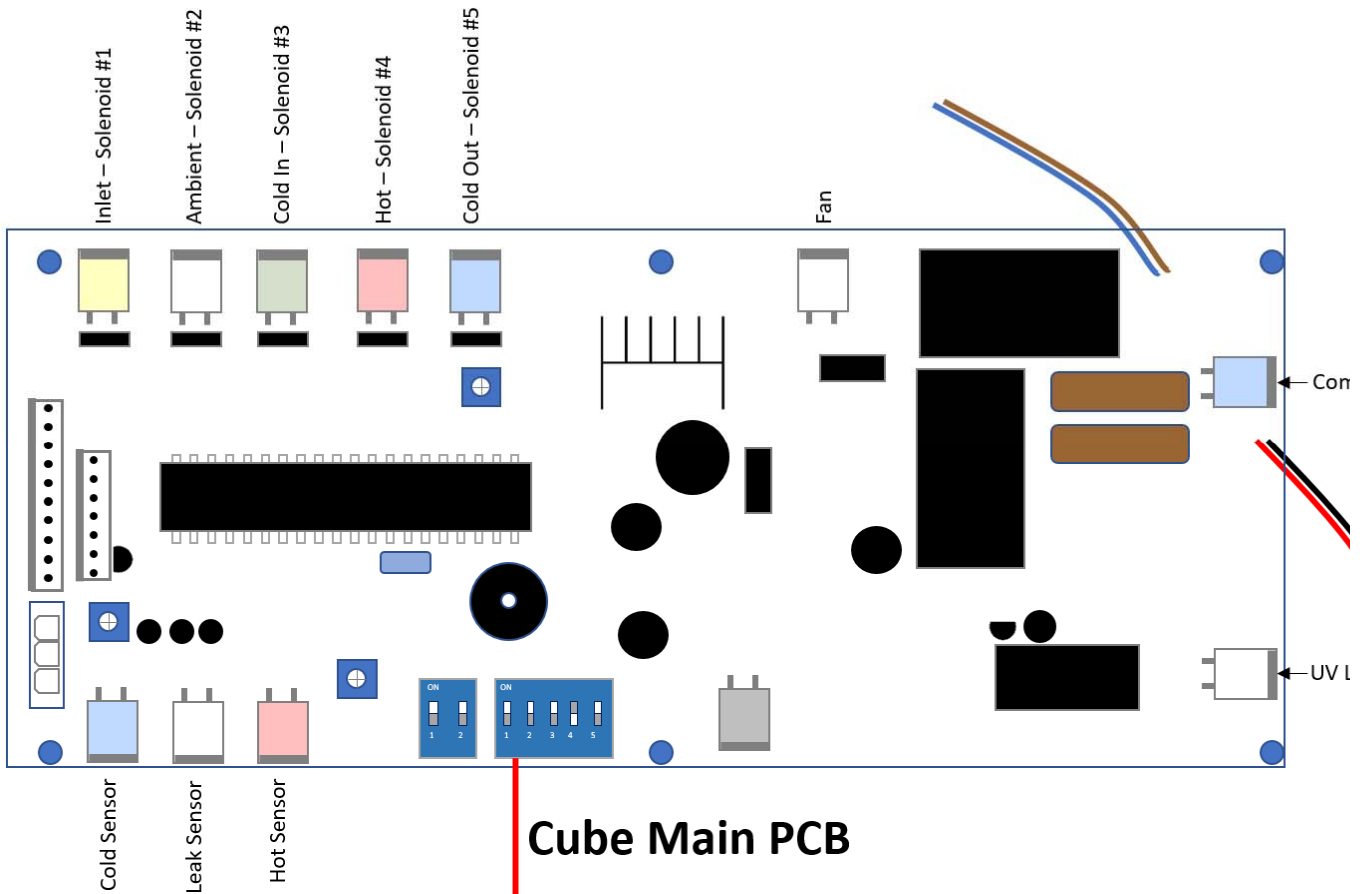
Hot Water Icon



Note: Hot water may take up to 10-12 minutes to reach Hot Water Temperature after waking up out of Energy Saving Sleep Mode.

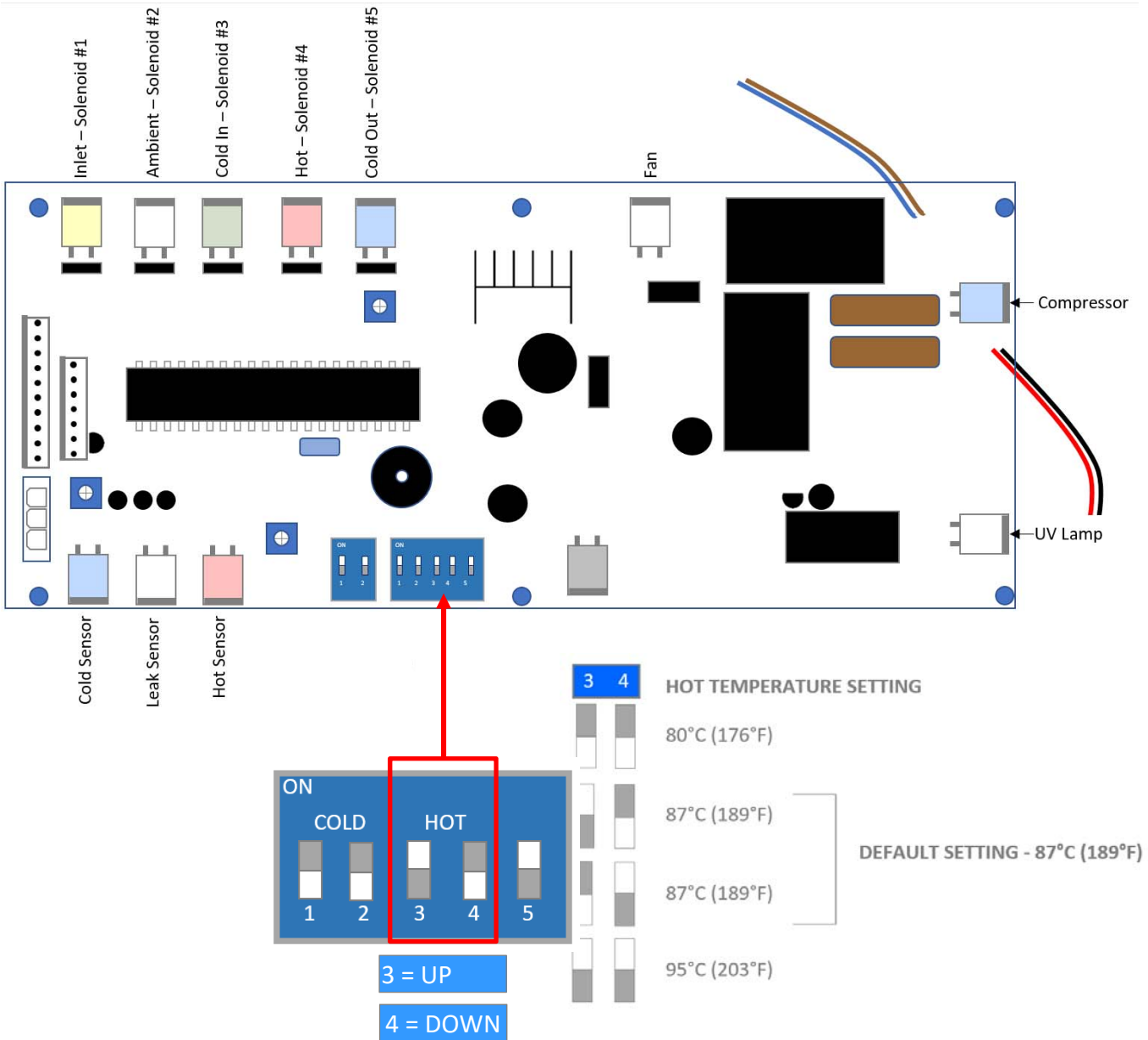
PROGRAMMING: DP SET-UP COLD WATER TEMPERATURE

CUBE Main PCB - DP Switch 2



PROGRAMMING: DP SET-UP HOT WATER TEMPERATURE

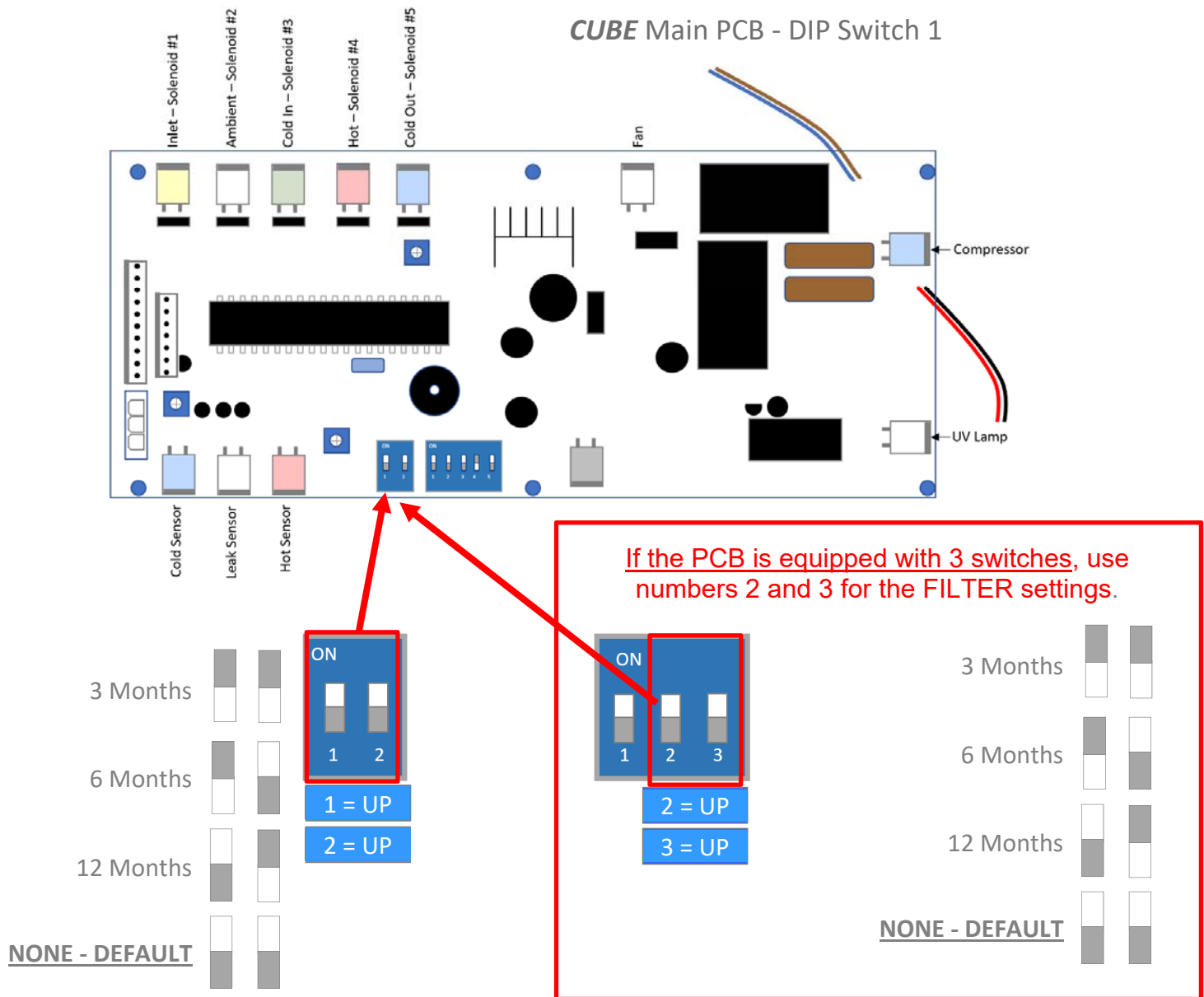
CUBE Main PCB - DP Switch 2



PROGRAMMING: DP SET-UP FILTER REPLACEMENT TIMING

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.

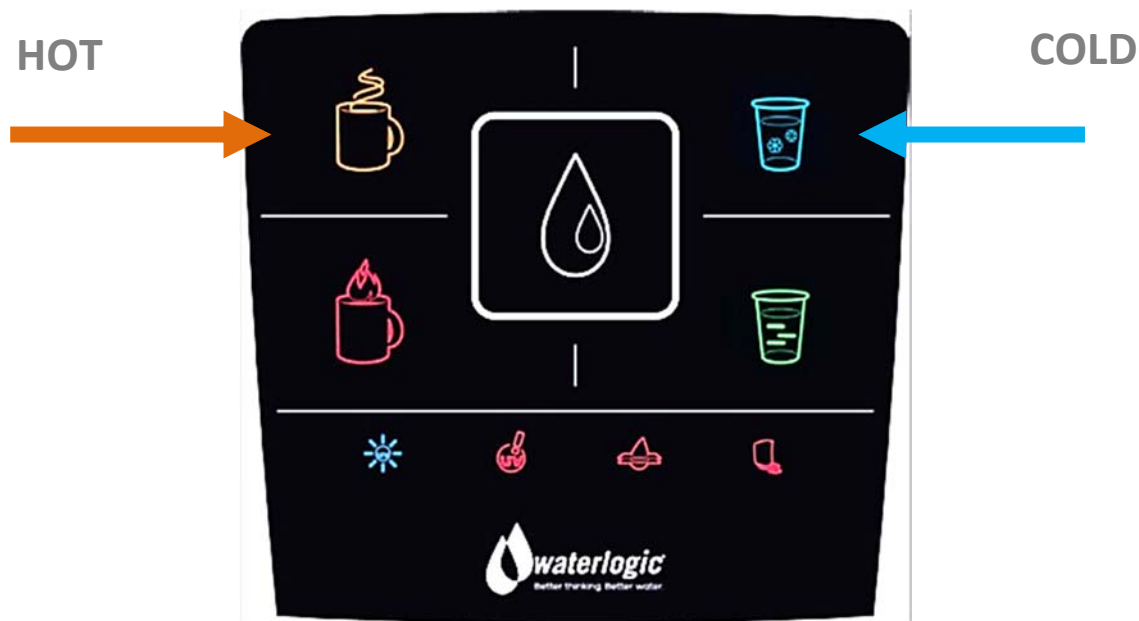
For our filters to perform as represented and to provide the best quality water possible, it is essential that filters be replaced periodically. The frequency of filter changes depends on your water quality and your water usage. For example, if there is a lot of sediment and/or particles in your water, 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.



Factory Setting / Default is None

PROGRAMMING: RESET FILTER SERVICE TIMER

Reset Filter Service Timer. Reset by selecting the hot and cold icons simultaneously and holding them for 10 seconds. The unit will beep and the filter service indicator light will turn off once reset is complete.



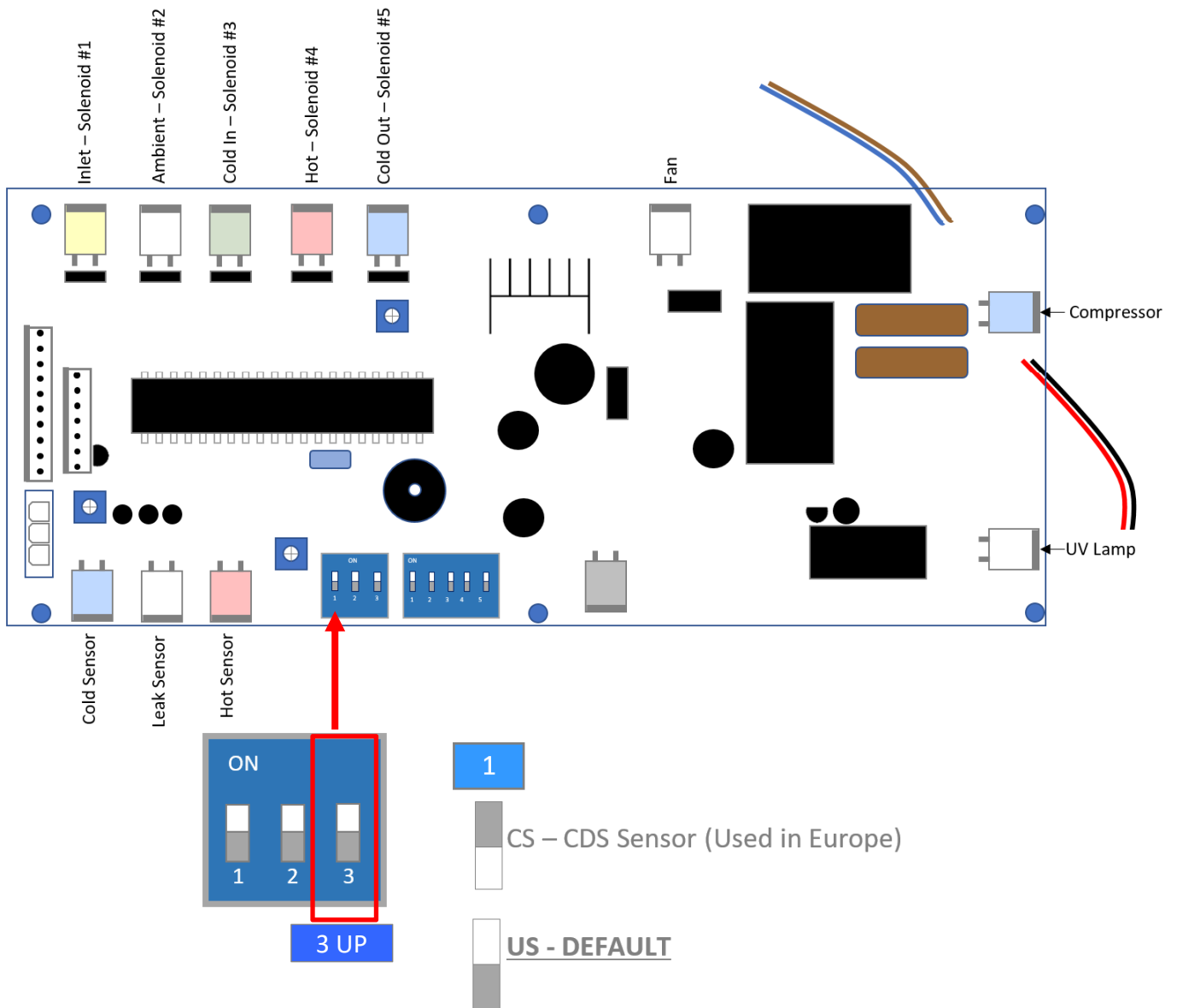
Hold simultaneously for ten seconds

PROGRAMMING: DP SET-UP FOR UV SETTINGS

CUBE Main PCB - DP Switch 1

This setting is only applicable for PCB's with three switches on DIP 1

NOTE: For PCB's with only two switches, there is no DIP switch for this option as the US option hardwired.

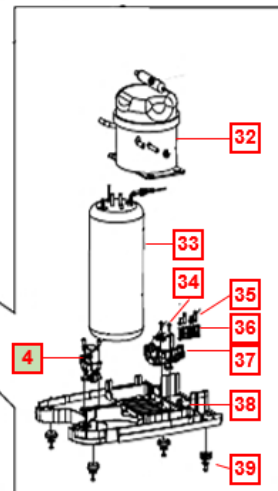
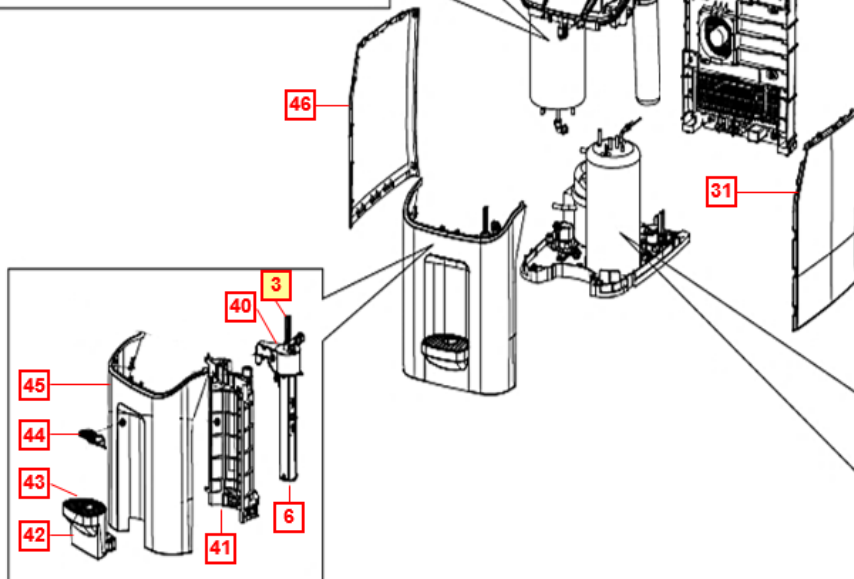
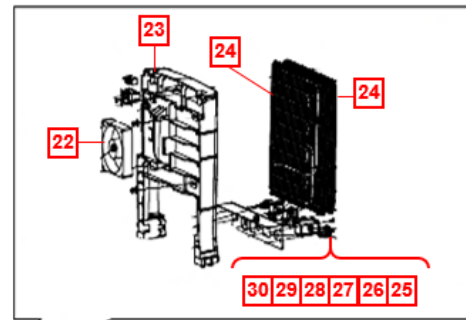
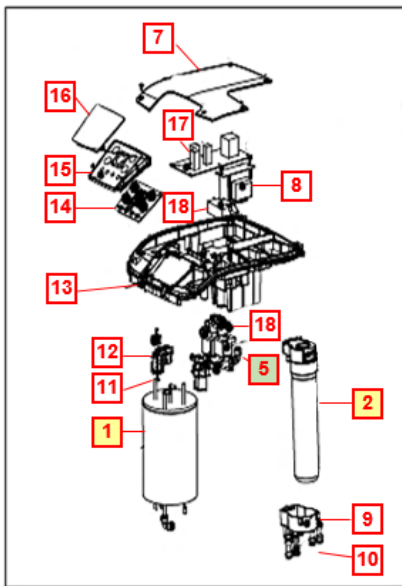
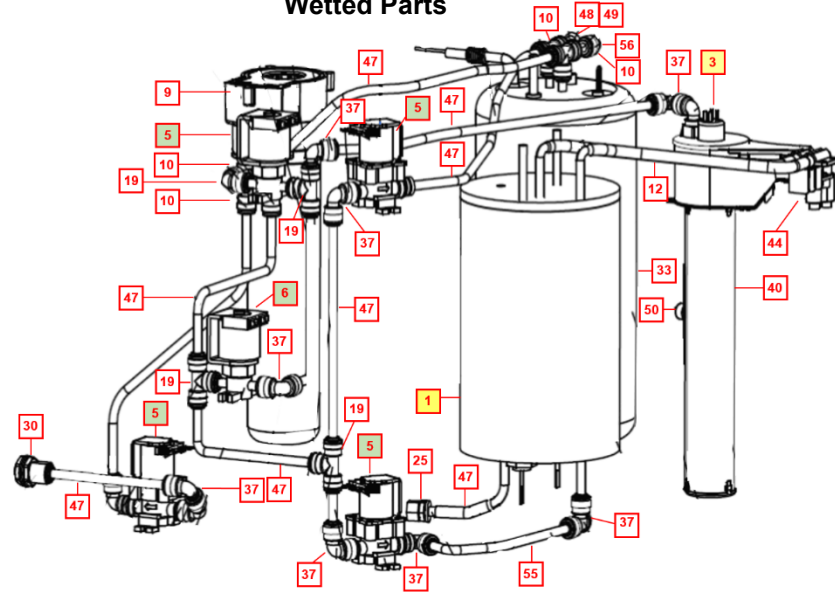


CUBE DRAWINGS








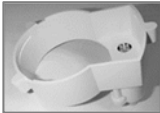

Yellow = Consumables

Green = Recommended spare parts




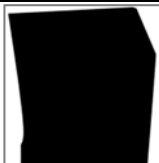
Wetted Parts



CUBE PARTS LIST

No	WLCP Part No.	Description	Part No	Stocked?	
Consumables					
1	HT-0001-I00	Hot Tank – 1.3-liter 120V/500W	HT-0001-I00	Yes	
2	NA	10" Sediment 20 Micron Filter Assembly with Housing – CLICK IN CLICK OUT <i>*Filter Element Only – Part Number: FT-0055-WLT</i>	FT-0003-L00-00	Element Stocked	
3	10-8075	13W UV Lamp Assembly	CT-2090-C	Yes	
Recommended Spare Parts					
4	PU-4164	Solenoid Valve with Terminal at Outlet Position <i>Recommend Stocking 2 each per every 10 units purchased</i>	PU-4164	Yes	
5	12-1500	Solenoid Valve DC24V 1000mm <i>Recommend Stocking 2 each per every 10 units purchased</i>	PU-4016	Yes	
Remaining Parts					
6	FW-0008-L00-00	Spiral Quartz	FW-0008-L00-00	Yes	
7	NA	Electronics Cover	PL-1384	No	
8	EL-0016-L00-00	Power Transformer	EL-0016-L00-00	Yes	
9	NA	CICO Filter Bracket	FT-0008-L00-00	No	
10	NA	JG Reducing Straight Connector 5/16-1/4 (PI201008S)	PU-0005-I00-00	No	

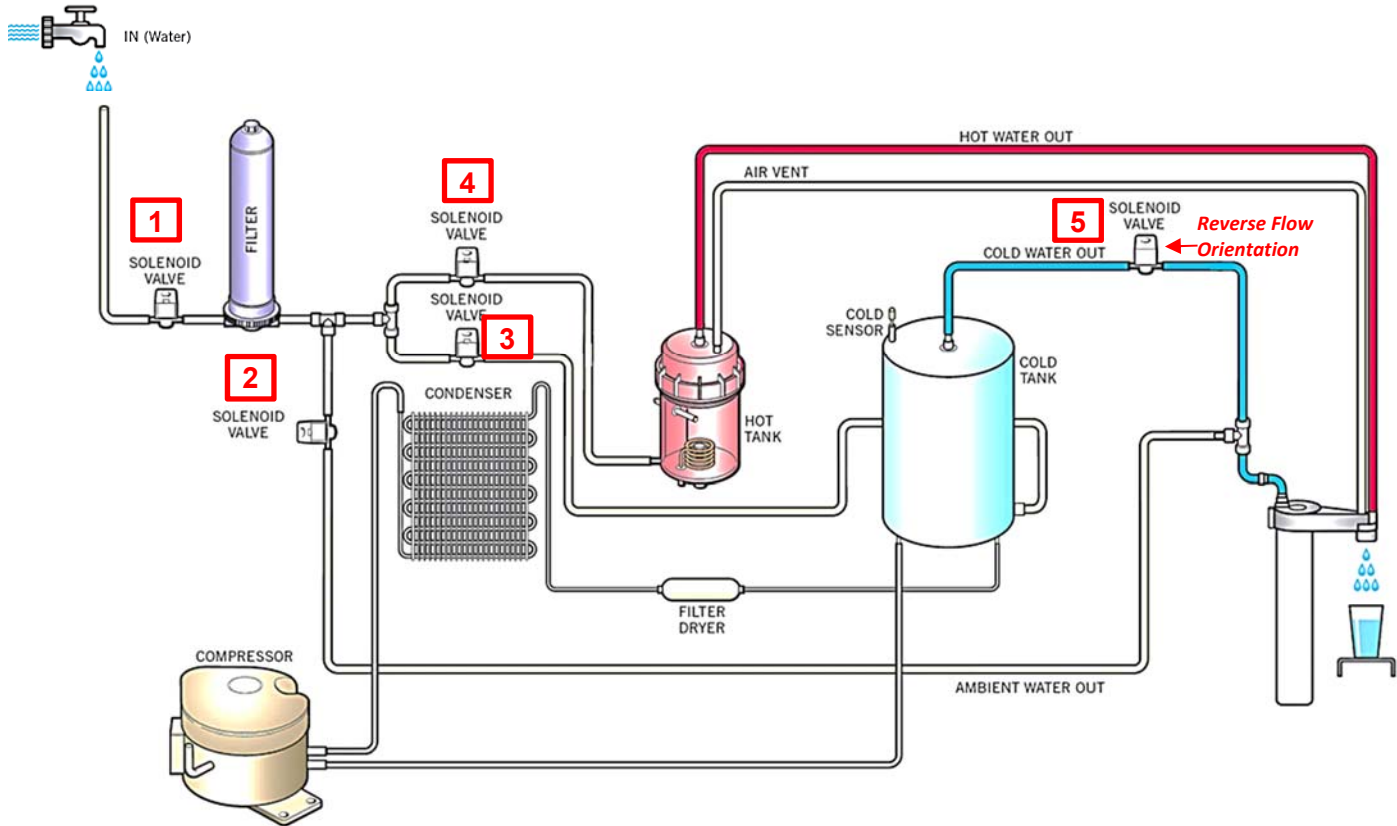
11	10-3062	JG LLDPE Tube - Blue 8mm John Guest P/N PE-0806-100M-B	PU-4014	Yes	
12	10-7040	Silicon Tube 5/16" for hot water	PU-4064	Yes	
13	NA	Upper Shelf	PL-1385	No	
14	NA	Key and Display PCB	EN-6141	No	
15	NA	User Interface PCB Bracket	PL-1394	Yes	
16	LP-7326	User Interface Overlay Label	LP-7326	Yes	
17	EN-6140-LB0-00	Main PCB	EN-6140-LB0-00	Yes	
18	12-8315	UV 15 W 120V/60Hz Electronic Ballast	EN-0008-L01-00	Yes	
19	Purchase from John Guest	JG Equal Tee Connector 1/4" (PI0208S)	PU-4011	No	
20	NA	Top Cover	PL-1383	No	
21	NA	Firewall™ Access Cover	PL-0086-L00-00	No	
22	NA	Fan Motor (DC 24V)	CT-2094	No	
23	NA	Back Panel	PL-1386	No	

24	NA	Cooling Wire Condenser	CO-9050	No	
25	14-5011	Drain Valve Body and Cap 5/16"	CT-2028 and CT-2031-A	Yes	
26	10-3009	Green Heater/Compressor Switch	EL-5005	Yes	
27	10-3008	Red Compressor and Heater Switch	EL-5004	Yes	
28	NA	Fuse 120V 15A with wire	EL-0021-L00-00	No	
29	19-1090	Power Line Noise Filter, ElectroMagnetic Interference filter (EMI)	EL-5029	Yes	
30	10-3067	Bulkhead Union 1/4" x 1/4" John Guest P/N PI1208S	PU-4028	Yes	
31	NA	Left Side Panel	PL-1389	No	
32	10-2200	Compressor (R134a 1/8HP) 110V/60Hz	CO-9001-A	Yes	
32.1	10-5018	Compressor Overload (LG Compressor)	CO-9015	Yes	
32.2	10-3003	Compressor Starter Relay	CO-9016	Yes	
33	NA	Cold Tank 1.4 Liter	CT-2093	No	
33.1	10-2650	Cold Water Sensor	CT-2081	Yes	

34	Purchase from John Guest	JG Stem Elbow Connector 1/4" * 1/4" - Acetal PI220808S)	PU-4066	No	
35	12-3180	Leak Containment Tray Clip (sensor 0.5mm)	ST-8207-CN	Yes	
36	PL-1311	Leak Detection Sensor Bracket	PL-1311	Yes	
37	Purchase from John Guest	JG Equal Elbow Connector 1/4" (PI0308S)	PU-4008	No	
38	NA	Base Plate	PL-1387	No	
39	NA	Rubber Foot	ST-8350	No	
40	NA	FW 4 Mark VI AL Mirror with bracket. (No Gauze)	FW-0013-100-00	No	
41	NA	Front Frame Panel	PL-1391	No	
42	NA	Drip Tray Body	PL-1392-L00-MB	No	
43	NA	Drip Tray Grill	PL-1393	No	
44	NA	Spout Assembly Bracket	PL-1395	No	
45	NA	Front Cover	PL-1390	No	

46	NA	Right Side Panel	PL-1388	No	
47	Purchase from John Guest	JG LLD PE Tube - Blue O.D.1/4" John Guest P/N PE-08-BI-1000F-B	PU-4031	No	
48	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	
49	AK-0014-B	Flow Restrictor for Sparkling Water (1,8 mm hole)	AK-0014-B	Yes	
50	AK-0064	UV Sensor with Wire	AK-0064	Yes	
50.1	NA	UV Sensor Metal Bracket	FU-0012	No	
Not Shown	10-3007	Power Cord 120V – 1840 mm	EL-5001-B	Yes	
In Tray	NA	Pressure Reducer for Incoming Water Outside of Machine. <i>*WLCP PN PU-4163 for substitution</i>	PU-0013-L00-00	Yes	

CUBE WATER FLOW DIAGRAM



CUBE ELECTRICAL DIAGRAM

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

