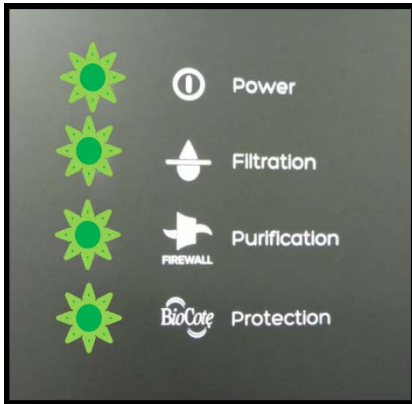# WL380 FAULT CODES AND ALARMS

WL380 provides user reassurance of key functional elements with 4 lights illuminate green to indicate total purification security.

Power Light – Indicates ON/OFF Status.
Light flashes with audible alarm when leak detected.

Filtration Light – Indicates Filtration Present.
No filter timer or flow-counter function.

Firewall Purification Light – Indicates Firewall Status.
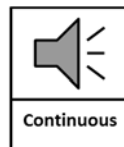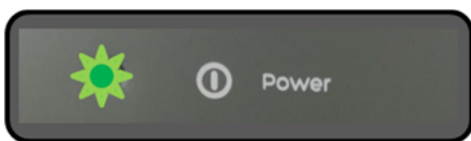Firewall UV is active with green lit and inactive when off.

BioCote® Protection Light – Indicates BioCote® Present.
Antimicrobial Surface Protection

All Status Indicator Lights Off

No power to unit or front PCB. Ensure power supply and red power switch is on. See Troubleshooting for further instructions.

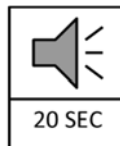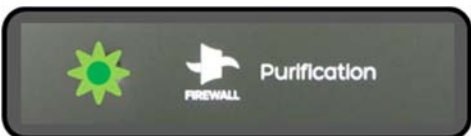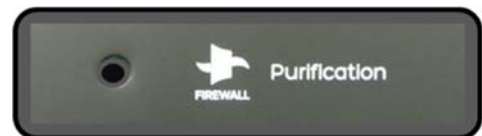## Power Light Flashing with Continuous Audible Alarm

Leak Detected.
Isolate from power and turn off water supply.
See Troubleshooting for further instructions.

Firewall Purification Light Out and 20 Second Audible Alarm

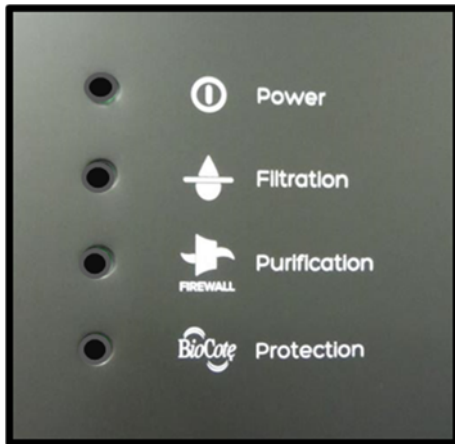### Firewall UV Active

Firewall Disabled

Firewall UV System is inactive.   See Troubleshooting for further instructions.

WL380 FAULT CODE TROUBLESHOOTING

1. No Green LED Status Lights

2. Power Light Flashing Green and Continuous Audible Alarms – Leak Detected

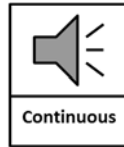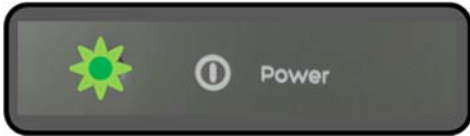3. Firewall Purification Light Out and 20 Second Audible Alarm

1. FAULT CODE: No Green LED Status Lights

Possible Reason	Solution

Power Problem	Are red and green switches on back Illuminated?
	  Yes – Check Power supply to front PCB
	  No - Check for power disruption.
	
	Does outlet have power?
	  Yes- Check Power Cord to ensure it is properly seating in both sockets and in good condition. Then check 15-amp Fuse
	  No – Check GFCI or Circuit Breaker to reestablish power

Front PCB Issue No Power	Check white 24 VDC power supply line is connected to the front PCB is supplying 24VDC. – replace Transformer if no 24VDC supply See Power Troubleshooting for more details.
Front PCB Faulty	24VDC is properly supplied to front PCB. Replace PCB.

FAULT CODE: **Power Light Flashing Green and Continuous Audible Alarms – Leak Detected**

Indicates that the Leak Detector has sensed water in the Leak Tray and Cold and Ambient dispense will be disabled to prevent untreated water from dispensing through the Firewall.
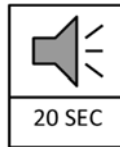
Possible Reason	Solution
Water is present in the Bottom Tray, causing the leak detection to trigger. *Leak Detection consists of two metal pins in leak tray*	Remove the lower front panel. Tip the unit slightly to drain, dry Bottom Tray completely.
Leak in **WL380 Water Treatment System**	Water present in the bottom of the **WL380** Clear Leak Detection Tray to ensure inside of unit is dry. Drip Tray over fill may enter into unit. Clear drip tray. Readjust leveling feet so drip tray over fills forward. Check for source of leak and fix as necessary.

2. <u>FAULT CODE:</u> **Firewall Purification Light Out and 15 second Audible Alarm**

Indicates the Firewall UV system is not detecting adequate dose of UV to ensure safe water.
The Cold and Ambient dispense icons will be disabled and cold and ambient water will not dispense.
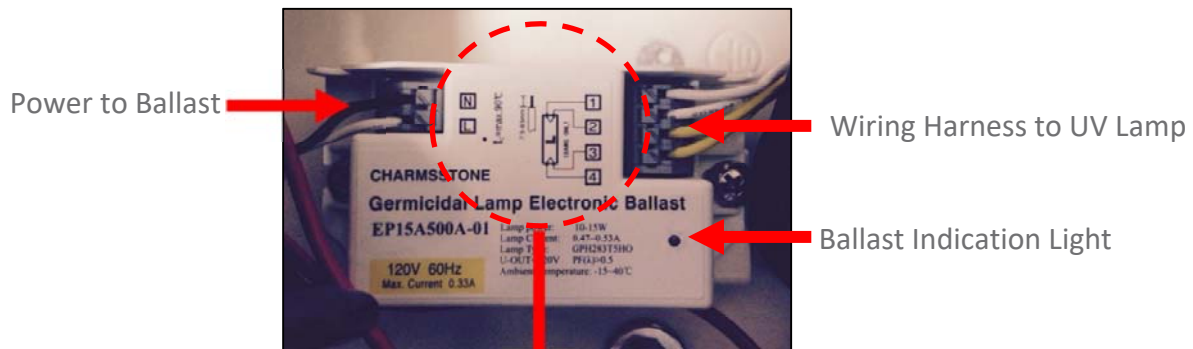Hot water will still dispense.

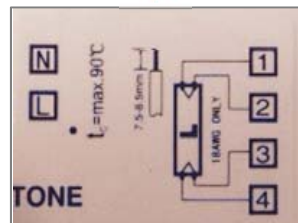<u>**Firewall UV Active**</u>   <u>**Firewall Disabled**</u>

Possible Reason	Solution
Firewall UV System does not have adequate dose of UV.	Check UV System 1. If Ballast Indication Light is Green – the system should be operational. Ensure UV lamp is on. Replace Lamp. If lamp is replaced and problem persists, replace UV Sensor. 2. If Ballast Indication Light is Red, change UV Lamp. 3. If Ballast Indication Light is not lit – check power to Ballast. If power is going to Ballast – replace Ballast.

<u>**Remove Cover to locate Ballast**</u>

Power to Ballast

Wiring Harness to UV Lamp

Ballast Indication Light

N = Black Wire
L = White Wire (Live)

1 = White Wire
2 = White Wire
3 = Yellow Wire
4 = Yellow Wire