

## **SAFETY ALERT SYMBOLS**

Read and follow all safety information carefully. The signal words used in this manual are selected as shown below and based on an assessment of the degree of potential injury or damage (severe or minor) and the occurrence of injury (definitely occurs or has the potential to occur) when the warning is ignored:

**⚠ DANGER!**

*Indicates a situation which, when not avoided, results in death or severe injury.*

**⚠ WARNING!**

*Indicates a situation which, when not avoided, has the potential to result in death or severe injury; and/or severe property damage.*

**⚠ CAUTION!**

*Indicates a situation which, when not avoided, results or has the potential to result in minor injury; and/or minor property damage.*

## **SAFETY PRECAUTIONS**

### **Basic safety precautions should be followed, including the following:**

Ensure all local, state, and federal laws and codes including health and safety guidelines are met when installing **Waterlogic** Equipment. Only qualified service technicians should attempt installation and service of **Waterlogic** Equipment. Always read the entire operating instructions before using the appliance and save these instructions for future use.

**⚠ DANGER! ELECTRICAL SHOCK HAZARD.** *Always use a dedicated and properly grounded outlet. Unit should be protected by ground-fault circuit interrupter (GFCI) or residual current device (RCD) having a rated residual operating current not exceeding 30mA. Use only Waterlogic supplied power cord. Never use extension cords or power strips to connect unit. Do not use if the power supply cord is damaged. Always unplug from power supply prior to servicing.*

**⚠ WARNING! AUTHORIZED USE ONLY.** *This appliance is to be used for its intended purpose as described in these manual, and untrained individuals who use this manual assume the risk of any resulting property damage or personal injury. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.*

**⚠ WARNING! SUPERVISE CHILDREN.** *Keep appliance and cord out of reach of children under the age of 8 years. Children under the age of 8 years must not use or play with the appliance.*

**⚠ WARNING! DO NOT OPERATE IF DAMAGED.** *Unplug if abnormal case occurs. Contact Waterlogic or authorized dealer for repair, service, and installation to avoid hazards.*

**⚠ WARNING! HOT WATER.** *Unit produces Hot Water in excess of 87°C (188°F). Water above 52°C (125°F) can cause severe burns or scalding. Keep unauthorized people and children away from the unit to avoid accidental dispensing of hot water.*

- ⚠ WARNING! CONNECT TO POTABLE WATER SUPPLY.** *This system is to be used for water only and is not intended for use where water is microbiologically unsafe or with water of unknown quality without adequate disinfection. System is designed for the supplemental bactericidal treatment of public drinking water, or other drinking water, which has been tested and deemed acceptable for human consumption by the state or local health agency having jurisdiction. The system is designed to reduce normally occurring non-pathogenic or nuisance microorganisms only. System is not intended for treatment of contaminated water.*
- ⚠ WARNING! TIP HAZARD.** *Dispenser could tip or fall causing serious injury. Always install unit on a firm, flat, and level surface and secure the **WL290 Water Treatment System** to the base cabinet with the screw provided to lock the components together. Secure unit to cabinet, wall, or floor if needed. Never place heavy items on top of unit and never climb, stand, or hang on unit or storage cabinet to prevent injury and damage.*
- ⚠ WARNING! UNIT IS HEAVY. TWO PERSON LIFT REQUIRED.** *Transport unit empty and always use material handling equipment or two people with proper lifting technique to reduce injury risk.*
- ⚠ WARNING! STORE AND TRANSPORT UNIT EMPTY. ALWAYS SANITIZE BEFORE USE.** *The unit must be completely drained and sealed before storing to avoid stagnation and reduce microbiological contamination (potential bacterial growth). Sanitize before use to eliminate any potential microbiological contaminants*
- ⚠ CAUTION! INDOOR USE ONLY.** *Intended for household use only. Never expose to direct sunlight, heat sources, or ambient air temperature above 37°C (100°F) or below 2°C (35°F). Install indoors and keep unit away from excessive humidity. Never expose to freezing temperatures. Ensure there is adequate clearance around the unit to allow refrigeration system condenser to dissipate heat. Warmer environments require more clearance around the unit. Minimum clearance around all surfaces of the machine is 2-inches. Installs where the ambient temperature exceeds 27°C (80°F), require a minimum of 4-inches clearance for proper heat dissipation and efficient operation.*
- ⚠ CAUTION! USE A WATER PRESSURE REGULATOR.** *Waterlogic will not be responsible for injury or damage caused by excessive water pressure. Input or feed pressure must be 40 psi to 60 psi. Be aware of any potential pressure surges caused by building/municipal pumping stations. Water block devices and external leak detectors are strongly recommended. Locate the unit as close to the water supply and the electrical connections as possible to minimize risk.*
- ⚠ CAUTION! USE PROPER SUPPLY LINES AND FEED WITH POTABLE AMBIENT WATER ONLY.** *Feed water over 37°C (100°F) may damage the treatment components. Always use supply lines with adequate pressure rating and UV resistance. Close water supply valve and contact service representative if a leak is noticed.*

**Contact Waterlogic for assistance or help finding an Authorized Service Representative.**

## WL290 FEATURES AND BENEFITS

### Cold, and Hot Water

The **WL290 Water Treatment System** unit comes standard with Cold and Hot Selections to meet a wide range of customer demands. Cold Water temperature is adjustable.

### High Volume Storage and Water Capacity

The **WL290 Water Treatment System** unit has 4 liters (1 Gallon) in Cold Tank and 11.2 Liters (3 Gallons) in the Cold Water Reservoir (total of 15 Liters of Ice Cold Water) and 1.6 Liters (.42 Gallons) of Hot Water Capacity.

### BioCote® Anti-Microbial Protection

Certain plastic, silicon, and painted surfaces surrounding the dispensing areas and drip tray are infused with an exclusive additive called BioCote®. BioCote® provides an effective barrier against microbes like bacteria and mold, which may cause odors or staining.



### Large Dispense Area with Recessed Faucet

9.0 inch dispense height with BioCote® recessed faucet to protect from cross-contamination.

### Leak Detection

The **WL290 Water Treatment System** unit is supplied with a Sensor in the Leak Tray that halts water supply to prevent overflow.

### Energy Saving Sleep Mode

If no input of water for 3 hours, the **WL290** goes into Energy Saving Sleep and turns off the Hot Tank. The **WL290 Water Treatment System** can be programmed to turn off the Sleep Mode.

**Advanced Programming** Customizable settings for optimizing each **WL290 Water Treatment System** including; Cold Temp Set Point, Hot Temp Set Point, Filters Timer Setting, and Energy Saver Sleep Mode

### Child Safeguard

The **WL290 Water Treatment System** unit requires two separate buttons to be held down in the correct sequence to prevent accidental dispensing of hot water.

### In-Tank UV Purification

Industry leading In-Tank UV Purification prevents the growth of bio-film within the Stainless Steel Cold Tank.



## WL290 CERTIFICATIONS

**Waterlogic Water Treatment Systems** have been tested, and certified to rigorous NSF and UL Standards. We believe that performance testing and certifications validate **Waterlogic** as a world-leader in water treatment systems.

### WL290 Certifications Include



#### UL399 – Certified Drinking Water Cooler

Intertek Labs (ETL) Certified the **WL290 Water Treatment System** to ANSI/UL 399 Standard for Drinking Water Coolers.



**BPA Free** - **Waterlogic** tests for BPA and declares that all of its products are Bisphenol-A FREE and contain no harmful BPA plastics.



#### NSF/ANSI-61 – Certified Drinking Water System Components

#### NSF / ANSI 372 – Drinking Water System Components – Lead Content

#### CSA B483.1 - Drinking Water Treatment Systems

This System has been tested and certified in accordance with NSF/ANSI-61 – Certified Drinking Water System Components, NSF / ANSI 372 – Drinking Water System Components for low Lead Content, and CSA B483.1 - Drinking Water Treatment Systems by the Water Quality Association (WQA)

**Waterlogic** is certified to ISO 9001:2015 – Quality Management Systems (certified by Intertek). ISO 9001 is the internationally accepted standard for well managed organizations that have adopted the key quality management principles to its operations to bring consistent quality products and a culture of continuous improvement.



**Intertek**

### Safe Drinking Water Act

**Waterlogic** water treatment systems conform to the Safe Drinking Water Act (SWDA) “lead-free” amendment effective January 4, 2014.

## MODEL/PART DESIGNATIONS

BRAND NAME	DESCRIPTION	MODEL PART NUMBER
WL290	<i>Waterlogic WL290</i> – Cold and Hot	GF Max
	F-1010-FS-HC-UT-CS-WLU	
	Serial Number Prefix - 19	

## SPECIFICATIONS

<u>ITEM</u>	
Water Connection	¼" Quick Connect
Cold Water Temperature	Cold Water Temperature – Factory Set Point 5°C (41°F) (Programmable) 3° - 7°C (37° - 45° F.)
Cold Tank and Cold-Water Reservoir Size	4 Liter (1 Gallon) Cold Tank plus 11.2 Liter (3 Gallons) Cold Tank Reservoir Total of 15L (4 Gallons) of Ice Cold water capacity
Hot Water Temperature	Hot Water Temperature – Factory Set Point 85°C (185°F) (Adjustable) 80°C – 93°C (176° - 199°F)
Hot Tank Size	1.6 Liters (0.4 Gallons)
Resettable Hot Tank Overload Devices (High Limit Safety)	105°C (221°F)
Recommended Service Pressure	40-60 psi (275-414 kPa) – Use Pressure Regulator
Maximum Service Pressure	100 psi (689 kPa) – Use Pressure Regulator
Rated Service Flow Out	1.89 Liters per Minute (0.5 gallons per minute)
Environmental Temperature	2° - 37°C (35° - 100°F)
UV Lamp	8 Watts
Heater	500 W
Pump	24V DC – 120 psi – Flow 1000ml/min
Refrigerant Gas	R134a, 58 grams, 2.05 ounces
R134a Pressures	High (230 psi), Low (90 psi)

## SHIPPING SPECIFICATIONS

<u>ITEM</u>	<u>WL290</u>
Width/Depth/Height	380 x 370 x 1,140 cm (150 x 146 x 449 inches)
Weight (dry)	28Kg (62 pounds)
Width/Depth/Height – Box	459 x 419 x 1231 cm (181 x 165 x 485 inches)
Weight (dry) – Boxed	32 Kg (70.5 pounds)

## ELECTRICAL SPECIFICATIONS

<b>ELECTRICAL SUPPLY</b>	<b>120V/60Hz, 1PH</b>	<b>15 Amp Service</b>
<b>COMPONENT</b>	<b>POWER (approximate)</b>	<b>AMP DRAW (approximate)</b>
Heater	500	4.2 Amps
Compressor	207	1.75 Amps
UV Lamp System	8	0.07 Amps
Pump	0.5	0.004 Amps
<b>WL290 TOTAL</b>	<b>716</b>	<b>6.03 Amps</b>

## OPERATING INSTRUCTIONS



The above picture shows the Front Water Dispense Buttons for the *Waterlogic WL290 Water Treatment System*.

Place appropriate receptacle under the Hot or Cold areas for dispensing water.

For Hot Water:

1. Press and hold down the Red Hot Safety Button (LEFT hand side)
2. Press the Red Hot Dispense Button (RIGHT hand side)

**\*Both buttons must be held at the same time to dispense Hot Water. This is a safeguard when dispensing hot water to prevent accidental dispensing of hot water.**

For Cold Water: Press Blue Cold Water Select Button



## **WATERLOGIC MANUFACTURED WATER TREATMENT SYSTEM LIMITED WARRANTY** **UNITED STATES AND CANADA ONLY**

*Waterlogic water treatment systems are guaranteed to the original purchaser to be free of defects in materials and workmanship for a period of three (3) years from the date of purchase, but in no event longer than forty-eight (48) months from the date of manufacture. Waterlogic Commercial Products, LLC (“Waterlogic”) based in the U.S.A. and its affiliated companies are not liable for any cost of removal, installation, transportation, or any other charges which may arise in connection with a warranty claim.*

*This warranty does not cover damage or wear to products caused by abnormal operating conditions, accident, abuse, misuse, unauthorized or improper alteration or repair, damage caused by or resulting from shipping or accident, damage caused by hot water, freezing, flood, fire, or acts of God. The effects from chlorine corrosion, scaling and normal wear are specifically excluded from this warranty. This warranty does not cover products used outside the countries where the unit was purchased, and does not cover products that were not installed in accordance with Waterlogic printed installation and operating instructions obtained in training or from [www.waterlogic.us](http://www.waterlogic.us). Failure to follow all instructions for operation and maintenance voids the warranty. This warranty is not transferable.*

*To obtain warranty repairs or replacement, you must obtain a Return Authorization from Waterlogic. To obtain a Return Authorization, you must submit a Return Authorization form with supporting documentation to Waterlogic for evaluation. The form is available at [www.waterlogic.us](http://www.waterlogic.us). Supporting documentation must include, but is not limited to; proof of purchase, installation date, failure date, and supporting installation and maintenance data. After you submit a Return Authorization form and supporting documentation, Waterlogic will determine whether a reasonably apparent defect in materials or workmanship covered by this limited warranty exists. If Waterlogic determines the claimed defect is covered by this warranty, Waterlogic will, at its sole discretion, determine whether to correct the defect or replace the unit, free of charge to you. If Waterlogic determines that the unit should be returned for warranty service, Waterlogic will approve of return in writing and will issue a Return Authorization which you must obtain prior to shipping the product. You are responsible for the cost of freight in to Waterlogic.*

*Waterlogic and its affiliated companies hereby limit the duration of any and all implied warranties to a maximum period of three (3) years from the date of purchase including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Consequential and incidental damages are not recoverable under this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.*

*This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.*

**New Warranty Policy issued by Waterlogic Commercial Products LLC, USA - January 10, 2014**

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