

## **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!** *This product can cause death or severe injury if incorrectly operated, installed or maintained. The installation, maintenance, sanitizing and any repair must be performed by qualified persons trained by Waterlogic International or their approved distributors only. Do not remove any panel or cover to protect against electrical shock and exposure to UV radiation.*

**⚠ 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 this manual. Untrained individuals who use this manual assume the risk of any resulting property damage or personal injury. This appliance can't be used by children and persons with reduced physical, sensory or mental capabilities or lack of experience.*

**⚠ WARNING!** **DO NOT OPERATE IF DAMAGED.** *Unplug and isolate water supply if abnormal conditions exist. Contact Waterlogic or authorized dealer for repair, service, and installation to avoid hazards.*

- ⚠ WARNING! HOT WATER.** *Unit produces Hot Water in excess of 80°C (175°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 before or after the system.*
- ⚠ WARNING! TIP HAZARD.** *Dispenser could tip or fall causing serious injury. Always install unit on a firm, flat, and level surface and 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 before storing to avoid stagnation and reduce microbiological contamination (potential bacterial growth). Always sanitize before use to eliminate any potential microbiological contaminants.*
- ⚠ CAUTION! INDOOR USE ONLY.** *Intended for Household Use. 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.*
- ⚠ CAUTION! USE UV STABILIZED SUPPLY LINES.** *Feed the unit with a potable ambient or cold water supply only. Feed water over 37°C (100°F) can damage the treatment components. 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. Immediately isolate or close water supply valve and contact service representative if leak is noticed.*

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

## **WL900 FEATURES AND BENEFITS**

### **Water Filtration System with Integrated Ice Making Function**

The **WL900** is equipped with a 4-Stage Reverse Osmosis System and utilizes the freezing point depression method for ice-making. This unit has been designed to facilitate great user experiences while enhancing the system efficiency by obtaining cold water as the outcome of ice-making.

### **High Volume Storage and Water Capacity**

The **WL900** holds 5.8 Liters of Cold Water, 4.6 Liters of Hot Water, and 17.8 Liters of Ambient Water. It also can hold up to 8lbs of Ice.

### **Float Valve and Flood Prevention**

The **WL900** is supplied with a float valve to provide redundant protection against water damage from leaks.

### **Freezing Point Depression Method**

The **WL900** produces only the ice using the freezing point depression method, supplied by the filtering system to the ice-making unit. This water is first frozen at 32°F(0°C).

### **Child Safeguard**

The **WL900** Hot Water selection will default back to Cold Water after 5 seconds of inactivity to prevent accidental dispensing of Hot Water.

### **Automatic Ice Dispenser**

An integrated motor of the **WL900** enables users to easily take ice by pressing the 'ICE' touch button to activate the spiral and automatically discharge the ice from the ice storage bin.

### **Touch Sensor Application**

Unlike ordinary button applications, the **WL900** has the built-in touch sensor buttons. The easy-touch sensor application is designed for effortless and enjoyable use.

### **Water Level Detection Sensor**

Different from ordinary float level sensors, a capacitive sensor is used for improving water level detection accuracy without a float. Capacitive sensors stably detect water levels in more reliable and safer ways. The signal from the sensor is sent to a controller in order to automatically adjust the filtered water level.

### **Constant Water Dispensing**

The **WL900** enables users to take ambient or cold water constantly by pressing and holding the "DISPENSE" touch button for 3 seconds, and then selecting a preset amount of water to dispense. *\*Note: Hot Water cannot be dispensed using the Constant Water Dispense operation.*

## **CERTIFICATIONS**

*Waterlogic WL900 Water and Ice Machine* has been tested and certified to rigorous UL Standards. We believe that performance testing and certifications validate *Waterlogic* as a world-leader in water treatment systems.

### **Waterlogic WL900 Water and Ice Machine Certifications Include**

#### **UL399 – Certified Drinking Water Cooler**

Intertek Labs (ETL) Certified the *Waterlogic WL900 Water and Ice Machine* to ANSI/UL 399 Standard for Drinking Water Coolers.

#### **CSA C22.2 No. 120 - Refrigeration Equipment**

Intertek Labs (ETL) certified the *Waterlogic WL900 Water and Ice Machine* to CSA C22.2 No. 120 Standard for Refrigeration Equipment.

#### **UL 563 - Ice Makers**

Intertek Labs (ETL) certified the *Waterlogic WL900 Water and Ice Machine* to ANSI/UL 563 Standard for Ice Makers.

*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.

### **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

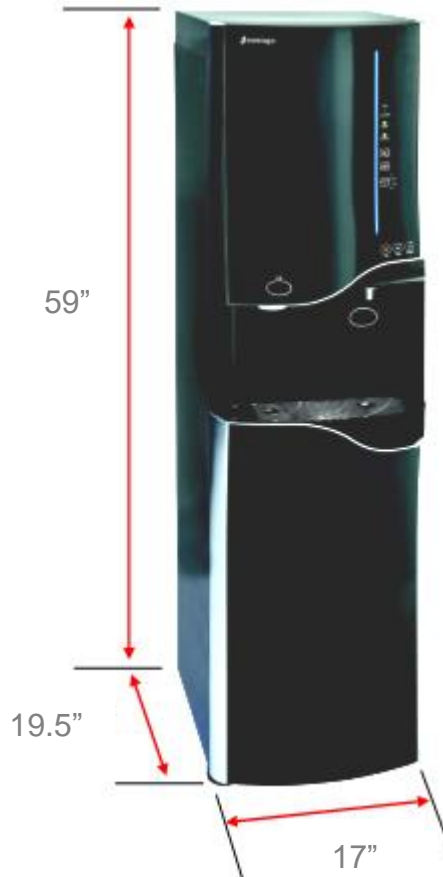
BRAND NAME	DESCRIPTION	MODEL - PART NUMBER
<i>WL900</i>	<i>Waterlogic WL900</i> – Hot, Cold, Ambient and Ice	21-IG900-B
	<b>Serial Number Prefix:</b> Z10493-(YYMMDD)-00392	

## SPECIFICATIONS

<u>ITEM</u>	<u>WL900</u>
Water Connection	1/4" (OD) Quick Connect
Drain Connection	1/2" (OD) Quick Connect (Drip Tray), 1/4" (OD) Quick Connect (Filtration Drain)
Cold Water Temperature	3°C (38°F)
Cold Tank Size	5.8 L
Hot Water Temperature	85°C (185°F)
Hot Water Manual Reset Overload	97°C (206°F)
Hot Tank Size	4.6 Liters
Ambient Tank Capacity	17.8 Liters
Maximum Ice Capacity	8.0 Pounds
Rated Service Pressure	40-60psi (275-414kPa) - Use Pressure Regulator
Max Service Pressure	100psi (689kPa) - Use Pressure Regulator
Rated Service Flow	1.89 L/min (0.5gal/min)
Environmental Temperature	2°-37°C (35°-100°F)
Max Power Consumption	780W
Refrigerant Gas Compressor: 10-2200(CO-9001A)	R-134a; 3.46oz
R134a Pressures	88psig - 186psig

## SHIPPING SPECIFICATIONS

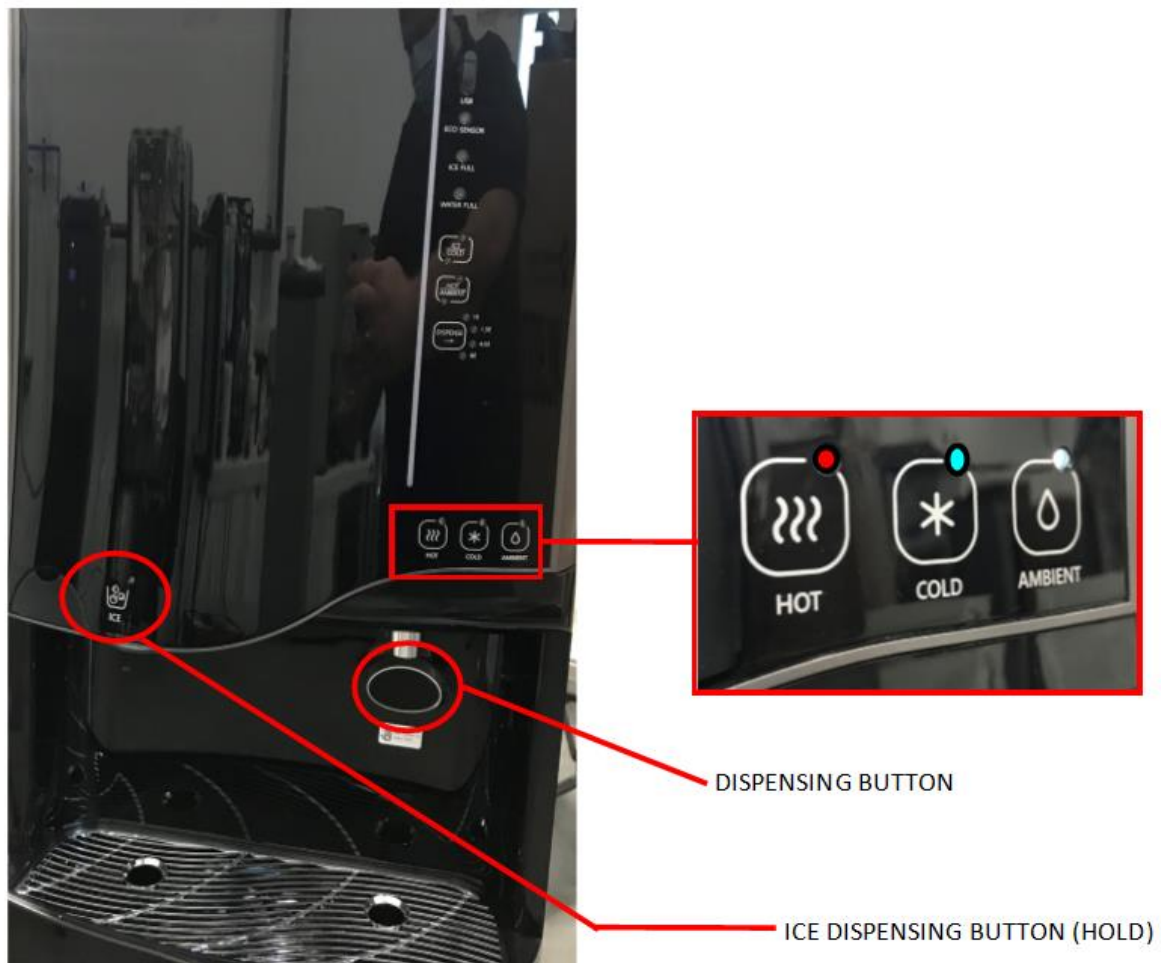
<u>ITEM</u>	<u>WL900</u>
Width/Depth/Height	17"/432mm (W) x 19.5"/495mm (D) x 59"/1499mm (H)
Weight (dry)	123lbs/55.8kg



## ELECTRICAL SPECIFICATIONS

<u>ELECTRICAL SUPPLY</u>	<u>120V/60Hz, 1PH</u>	<u>15 Amp Service</u>
<u>COMPONENT</u>	<u>POWER (approximate)</u>	<u>AMP DRAW (approximate)</u>
Heater	500W	4.1A
Compressor	120W	1.2A
Ice Making Process	120W	1.2A
<b>WL900 TOTAL</b>	<b>780W</b>	<b>6.5A</b>

## OPERATING INSTRUCTIONS



The above picture shows the front user interface (UI) and control panel for *the Waterlogic WL900 Water and Ice Machine*. The three water selection buttons control what temperature water is dispensed (hot, cold, or ambient).

**Dispense Water:** Press the desired selection button (LED should light up once selected) and then press cup or container into the dispensing button mounted to the dispensing area backsplash until water begins to flow. To end dispensing, remove pressure from dispensing button.

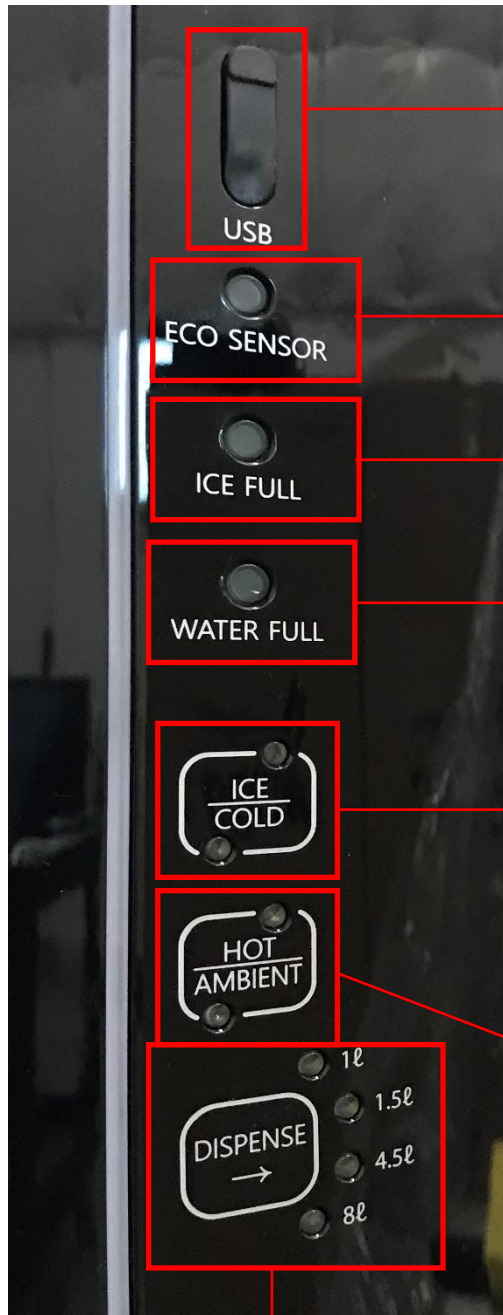
**Dispense Ice:** Place cup or container under ice chute (silver ring below the ice button), then hold the ice dispense button to continually dispense ice. Let go of the ice dispense button to shut off ice dispensing.

**NOTE:** Default selection mode is Cold Water. Selection will return to default after 3 seconds of inactivity.

**NOTE:** The Hot selection indication light will light **red** when pressed, the Cold selection indication light will light **blue** when pressed, and the Ambient selection indication light will light white when pressed.



## LIGHT SIGNALS AND OPERATION



### USB PORT

This is not used for normal operation. Only for maintenance use by a trained professional.

### ECO SENSOR

Light detection sensor. Works with Eco-mode on older models, but is DISABLED on the WL900.

### ICE FULL LIGHT

Illuminates white when ice bin is full.

### WATER FULL LIGHT

Illuminates when the Ambient Tank is full. Will blink with an audible chime if tank is overfilled.

### ICE/COLD OPERATION

COLD LED will illuminate white when water in the cold tank is being chilled. It will turn off once cold water has been chilled to set temperature. COLD LED will blink if there is an error in this process. ICE LED will illuminate AFTER cold water has been chilled, and the ice making process has begun. ICE LED will blink if there is an error in this process.

### HOT/AMBIENT COLD OPERATION

HOT LED will illuminate during the water heating process. This will stay on during initial heating for 15-20 min and will come on intermittently during normal operation to maintain temperature. HOT LED will blink if there is an error in this process. AMBIENT LED will illuminate during the filling process of the ambient tank. AMBIENT LED will illuminate if there is an error in this process.

### DISPENSE OPERATION

This is the only icon picture that is an actual button. The Dispense button can be used to set preprogrammed volumes of water. To activate, hold the button until it beeps and lights the "1L" LED. Then press the button to cycle through the different volumes, each with an LED that will light to indicate it as the selected volume. Once selected, place a container in the dispense area and activate the dispense button. The machine will dispense until the selected volume has been dispensed. To cancel, activate the dispense button again.



**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 one (1) year from the date of purchase, but in no event longer than eighteen (18) 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**

**Waterlogic Commercials Products LLC**  
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**Website:** [waterlogic.us](http://waterlogic.us)