

## **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 this 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 8years. 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 **WL100 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 5 cm (2-inches). Installs where the ambient temperature exceeds 27°C (80°F), require a minimum of 10 cm (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.**

## **WL100 FEATURES AND BENEFITS**

### **Ambient, Cold and Hot Water**

Ambient, Cold and Hot Water Selections to meet a wide range of customer demands. Cold temperature is adjustable.

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

**WL100 Water Treatment Systems** have 2 Liter (0.5 Gallon) Cold Tanks and 1.6 Liter (0.4 Gallon) Hot Tanks.

### **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 odor or staining.



### **Recessed Faucet**

BioCote® Faucet (Spigot) is recessed into unit to protect from cross contamination.

### **Large Dispense Area**

21.6 cm (8.5 inch) dispense height to accommodate most cup and bottle sizes.

### **Child Safeguard**

The **WL100 Water Treatment System** requires user to select and hold both Red Buttons to prevent accidental dispensing of hot water.

### **Energy Saving Sleep Mode**

Energy Saving Sleep Mode can be programmed to turn off Heater after 3 of inactivity and can be shut off.

### **Stainless Steel Tanks**

Peace of mind drinking from high quality, sealed stainless steel reservoirs.

### **Advanced Filtration**

The **WL100 Water Treatment System** Tower equipped with easy access filter mounting tray that allows dealers to optimize filter configuration for all water conditions.

### **High Capacity Removable Drip Tray**

High Capacity Removable Drip Tray with BioCote® protection. Drip tray is two-piece for easy cleaning and comes configured with optional drain port.



## WL100 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.

### WL100 Water Treatment System Certifications Include



#### UL399 – Certified Drinking Water Cooler

Intertek Labs (ETL) Certified the **WL100 Water Treatment Systems** 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

The **WL100 Water Treatment System** has been tested and certified by The Water Quality Association (WQA) to NSF/ANSI-61, Section 9.

C US



#### Energy Star Certified

The **WL100 Water Treatment System** has been tested and certified to the Energy Star, a US Environmental Protection Agency (EPA) program that helps our customers save money and protect our climate through superior energy efficiency.

**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.

### ADA Compliance

**Waterlogic** designs water systems to be ergonomic and meet the highest standards available while considering use by disabled and physically impaired users. See our ADA Position Statement for future details.

## MODEL/PART DESIGNATIONS

BRAND NAME	DESCRIPTION	MODEL - PART NUMBER
<b>WL100</b> Counter Top	<b>Waterlogic WL100 Counter Top</b> - Cold and Hot	12-CHCM
	F-100-M-HC-TT-CS-WLU	
	Serial Number Prefix: <b>59</b>	
<b>WL100</b> Tower	<b>Waterlogic WL100 Tower</b> - Cold and Hot	12-CHC
	F-100-FS-HC-TT-CS-WLU	
	Serial Number Prefix: <b>60</b>	

## SPECIFICATIONS

<u>ITEM</u>	<u>WL100 Counter Top</u>	<u>WL100 Tower</u>
Water Connection	¼" Quick Connect	
Cold Water Temperature	Cold Water Temperature – Factory Set Point 5°C (41°F) Adjustable to 1.1° - 12.2°C (34° - 54° F)	
Cold Tank Size	2 Liter (.53 Gallons)	
Hot Water Temperature	85°C (185° F)	
Hot Water Manual Reset Overload	105°C (221° F)	
Hot Tank Size	1.6 Liter (.42 Gallons)	
Recommended Service Pressure	40-60 psi (275-414 kPa) – Always Use Pressure Regulator	
Maximum Service Pressure	100 psi (689 kPa) – Use Pressure Regulator	
Rated Service Flow	1.89 Liters per minutes (0.5 gallons per minute)	
Environmental Temperature	2° - 37°C (35° - 100°F)	
Heater	500 W	
Refrigerant Gas	R134a, 40g, 1.41 ounces	R134a, 45g, 1.59 ounces
R134a Pressures	High (230 psi), Low (90 psi)	

## SHIPPING SPECIFICATIONS

<u>ITEM</u>	<u>WL100 Counter Top</u>	<u>WL100 Tower</u>
Width/Depth/Height	34cm x 41cm x 45cm (13.5" x 16" x 17.75" #)	34cm x 41cm x 103cm (13.5" x 16" x 40.5")
Weight (dry)	18 kg (40 pounds)	23 kg (50 pounds)

## 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	504	4.2 Amps
Compressor	168	1.4 Amps
<b>WL100 TOTAL</b>	<b>672</b>	<b>5.6 Amps</b>

#WL100 Counter Top is 17.75 in. tall and may not fit between countertops and cabinets - Check installation to ensure adequate clearance.

## OPERATING INSTRUCTIONS



The above picture shows front LCD Display and Control Panel for the **Waterlogic WL100 Water Treatment System**.

For Cold Water	Press the Blue - Cold Water Select Button	HOT AND COLD MACHINE 
For Hot Water	Press the two Red - Hot Water Select Buttons at the same time.  <i>This is a Safety Feature to prevent accidental dispensing of hot water.</i>	





## **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**

**Waterlogic Commercials Products LLC**  
11710 Stonegate Circle  
Omaha, NE 68164

**Tel:** (800) 288-1891  
**Website:** [waterlogic.us](http://waterlogic.us)



## **SERVICE REQUIREMENTS**

**⚠ WARNING!** *Read and understand the contents of this manual before attempting to service WL100 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.

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

2. Ensure there is adequate (minimum of 5 cm – 2 inches) clearance around the unit and clean the Condenser Grill and Compressor fan to provide efficient cooling system operation.
3. Sanitize the Cold Tank per instructions in the pre-installation procedures.
4. Clean and sanitize external surfaces of the unit. 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. Replace as needed.

**⚠ WARNING!** **SANITIZER MAY CONTAIN HAZARDOUS CHEMICALS.** *Use of proper personal protective equipment such as rubber gloves and eye protection is required.*