

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 **WL400 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.

WL400 FEATURES AND BENEFITS

Ambient, Cold, Hot, and Extra Hot Water

Pressure Fed Ambient, Cold, Hot, and Extra Hot Selections to meet a wide range of customer demands. Cold water temperature is adjustable.

High Volume Storage and Water Capacity

The **WL400 Water Treatment System** has 4 liters (1 Gallon) of Cold Water Capacity and 1.2 Liters (.3 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

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

Leak Detection

WL400 Water Treatment Systems are supplied with a Sensor in the Leak Tray that halts water supply to prevent overflow and sounds alarm to reduce accident potential.

Energy Saving Sleep Mode

Energy saving Sleep Mode can be programmed to turn off heater after 3, 6 or 12 hours of inactivity and can be shut off.

Firewall™

Firewall is proprietary technology that places the UV lamp at the point of dispense. This point of dispense purification keeps the dispense nozzle free from external contamination as well as purifying the water, making the freshest water possible.



WL400 CERTIFICATIONS

Waterlogic Water Treatment Systems have been tested, approved, and certified by the world’s top standards bodies such as NSF and ANSI. These organizations set and regulate national standards. We believe that performance testing and certifications validate *Waterlogic* as a world-leader in water treatment systems.

WL400 Water Treatment System Certifications Include

NSF/ANSI-55 Class A –Ultraviolet Microbiological Water Treatment Systems

Water Quality Association is an international standards organization. Firewall™ Technology contains our latest, most innovative and patented breakthrough, “The Firewall™”, the most comprehensive UV purification system for point-of-use water treatment systems ever developed. The Waterlogic Firewall components has been tested and certified by the Water Quality Association (WQA) to NSF/ANSI-55 Class A – Ultraviolet Microbiological Water Treatment Systems, and to NSF/P231 and the USEPA Standard for Microbiological Water Purifiers.



NSF P231 –Protocol for Microbiological Purifiers

The Public Health and Safety Organization establishes minimum requirements for health and sanitation characteristics of microbiological water purifiers. The requirements are based on the recommendations of the U.S. Environmental Protection Agency's Task Force Report.

NSF/ANSI-42 – Chlorine, Taste and Odor Reduction

NSF/ANSI-53 – Lead and Cyst Reduction

The Public Health and Safety Organization establishes minimum requirements for materials, design, construction, and performance of drinking water treatment units that are designed to reduce specific aesthetic-related contaminants in public or private water supplies.

UL399 – Certified Drinking Water Cooler

Intertek Labs (ETL) Certified the *WL400 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.



Energy Star Certified

The *WL400 Water Treatment Systems*, have 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.



MODEL/PART DESIGNATIONS

BRAND NAME	DESCRIPTION	MODEL – PART NUMBER
<i>WL400</i> Counter Top	<i>Waterlogic WL400 Counter Top - Ambient, Cold, Hot and Extra Hot</i>	10-WL4FW-SB
	F-4FW-M-HCA-HC2P-SB-INN	
	Serial Number Prefix: 96	
<i>WL400</i> Base Cabinet	<i>Waterlogic WL400 Base Cabinet with RO</i>	10-WL4BC
	F-4FW-M-HCA-HC2P-SB-INN	

SPECIFICATIONS

<u>ITEM</u>	
Water Connection	¼" Quick Connect
Cold Water Temperature	Cold Water Temperature – Factory Set Point 5°C (41°F) Adjustable from 1° - 12.2°C (34° - 54° F.)
Cold Tank Capacity	4 Liters (1 Gallon)
Hot Water Temperature	Hot Water Temperature – Factory Set Point 85°C (185°F) Adjustable from 70° - 95°C (158°F - 203°F)
Extra Water Temperature	Extra Hot Water Temperature – Factory Set Point 95°C (203° F)
Hot Tank Capacity	1.2 Liters (0.3 Gallons)
Hot Water Manual Reset Overloads	97°C (207° 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	378.5 Liters per Day (Lpd) / 100 Gallons per Day (Gpd)
Environmental Temperature	1.67° - 38°C (35° - 100°F)
UV Lamp	13 Watts
Heater	500 Watts
Refrigerant Gas	R134a, 75g, 2.65 ounces
R134a Pressures	High (230 psi), Low (90 psi)

SHIPPING SPECIFICATIONS

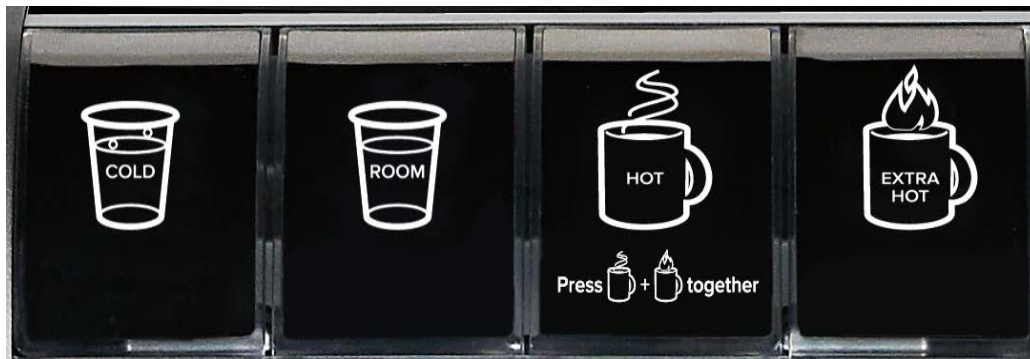
ITEM	<u>WL400 Counter Top</u>	<u>WL400 Base</u>	<u>WL400 Tower Combined</u>
Width/Depth/Height	42cm x 44.5cm x 44.5cm (16.5" x 17.5" x 17.5")	42 cm x 44.5cm x 80cm (16.5" x 17.5" x 31.5")	42 cm x 44.5cm x 125cm (16.5" x 17.5" x 49")
Weight (dry) of Box	26 kg (57 pounds)	28 kg (61 pounds)	53.5 kg (118 pounds)
Ship per Pallet	Up to 8 per pallet		4 per pallet in 2 boxes

***WL400** Counter Top is 17.75 in. tall and may not fit between countertops and cabinets - Check installation to ensure adequate clearance.





ELECTRICAL SPECIFICATIONS

ELECTRICAL SUPPLY	120V/60Hz	15 Amp Service⁺
COMPONENT	POWER (approximate)	AMP DRAW (approximate)
Heater	500	4.2 Amps
Compressor	114	1 Amp
Fan	16	0.1 Amps
Controls	15	0.1 Amps
UV Lamp System	13	0.1 Amps
Pump	12	0.1 Amps
WL400 TOTAL	670	5.56 Amps

OPERATING INSTRUCTIONS




The above picture shows front dispensing panel for the *Waterlogic WL400 Water Treatment System*.

Button	Operational Use
	Press the <u>Cold Water</u> selection button. There may be a 2 second delay as FIREWALL UV lamp purifies the water and the FIREWALL Sensor ensures your safety. Blue light will illuminate the dispense area.
	Press the Room Temperature (<u>Ambient</u>) Water selection button. There may be a 2 second delay as FIREWALL UV lamp purifies the water and the FIREWALL Sensor ensures your safety. Green light will illuminate the dispense area.
	Press and hold both the <u>Hot Water</u> 185°F (85°C) and the Extra Hot Water selection buttons simultaneously for 2 seconds and hot water will dispense. This is a child safety feature. Red light will illuminate the dispense area.
	<p>Press the <u>Extra Hot Water</u> Selection button to elevate the hot tank to 203°F (95°C). Allow a few minutes for the temperature to rise in the hot tank.</p> <p>Press and hold both the Hot Water and the Extra Hot Water selection buttons simultaneously for 2 seconds and hot water will dispense. This is a child safety feature. Red light will illuminate the dispense area.</p> <p>⚠ WARNING! <i>Unit produces Very Hot Water up to 203°F (95°C). Water above 125°F (52°C) can cause severe burns or scalding. Keep unauthorized people and children away from the unit to avoid accidental dispensing of hot water. Children should not use without supervision.</i></p>

Dispensing your choice of water is very simple.

1. Place your cup centrally in the dispensing area. Always use a cup suitable for use with hot water. Never hold cup or place hands in dispensing area while dispensing hot water. Never try to fill more than one cup at a time.
2. Select the type of water you wish to be dispensed by press/touching the Cold, Ambient or Hot water select icon until it illuminates.

 **WARNING!** *Unit produces Very Hot Water up to 203°F (95°C). Water above 125°F (52°C) can cause severe burns or scalding. Keep unauthorized people and children away from the unit to avoid accidental dispensing of hot water. Children should not use without supervision.*



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. 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. 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