WL200
MANUAL

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WL200 MANUAL

Congratulations on your choice of the ***Waterlogic WL200 Water Treatment System***. The ***WL200 Water Treatment System*** model dispenses cold water. Every ***WL200 Water Treatment System*** includes:

Bio-Cote Anti-Microbial Protection

Filter configuration can be optimized for all water conditions

The ***Waterlogic WL200 Water Treatment System*** provides exceptional quality and great tasting water with every use.

INTRODUCTION

Carefully read and follow all instructions to ensure proper and efficient operation of your ***WL200 Water Treatment System***. Contact ***Waterlogic*** or an ***Authorized Waterlogic Dealer*** if you have any questions.

Waterlogic and ***Authorized Waterlogic Dealers*** employ trained service personnel who are experienced in the installation, function and repair of ***Waterlogic*** equipment. This publication is written for use by these qualified individuals. ***Waterlogic*** encourages users to learn about products, however, we believe that product knowledge and service is best obtained by consulting ***Waterlogic*** or an ***Authorized Waterlogic Dealer.***

Waterlogic water treatment systems should be combined with selected water treatment components to create a system specifically tailored for each application by trained and qualified personnel.

Products manufactured and marketed by ***Waterlogic*** and its affiliates are protected by patents issued or pending in the United States and other countries.

Waterlogic reserves the right to change the specifications referred to in this literature at any time, without prior notice. Changes or modifications not expressly approved by ***Waterlogic*** could void the warranty and user's authority to operate the equipment.

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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 and 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!** ***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 the* ***WL200 Water Purification 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 before storing to avoid stagnation and reduce microbiological contamination (potential bacterial growth). Always sanitize before use to eliminate any potential microbiological contaminates.*

⚠ **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. 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.

WL200 FEATURES AND BENEFITS

Cold Water

Waterlogic WL200 Water Treatment System comes standard with Cold Water Selection.

High Volume Storage and Water Capacity

Tower Model has 4 liters of Cold Water Capacity. Counter Top has 2 liters of Cold 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

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

WL200 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.

WL200 Water Treatment Systems Certifications Include

UL399 – Certified Drinking Water Cooler
Intertek Labs (ETL) Certified the ***WL200 Water Treatment System*** to ANSI/UL 399 Standard for Drinking Water Coolers.

CSA C22.2 No. 120 CSA Standard for Refrigeration.

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

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
WL200 Counter Top	***Waterlogic WL200 Counter Top*** - Cold Water	12-WL200CT
	F-6002-M-C-TT-CS-WLU	
	Serial Number Prefix: **50 or HJ2C116CS**	
WL200 Tower	***Waterlogic WL200 Tower*** - Cold Water	12-WL200FS
	F-6002-FS-C-TT-CS-WLU	
	Serial Number Prefix: **29 or HJ1C116CS**	

SPECIFICATIONS

ITEM	WL200 Counter Top	WL200 Tower
Water Connection	¼" Quick Connect	
Cold Water Temperature	Cold Water Temperature – Factory Set Point 5°C (41°F) Adjustable 1.1° - 12.2°C (34° - 54° F)	
Cold Tank Size	Tower: 4 Liters (1.1 Gallons) Counter Top: 2 Liters (.53 Gallons)	
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	1.89 liters per minute (0.5 gallons per minute)	
Environmental Temperature	2° - 37°C (35° - 100°F)	
Refrigerant Gas	R134a, 40g, 1.41 ounces	R134a, 65g, 2.29 ounces
R134a Pressures	High (230 psi), Low (90 psi)	

SHIPPING SPECIFICATIONS

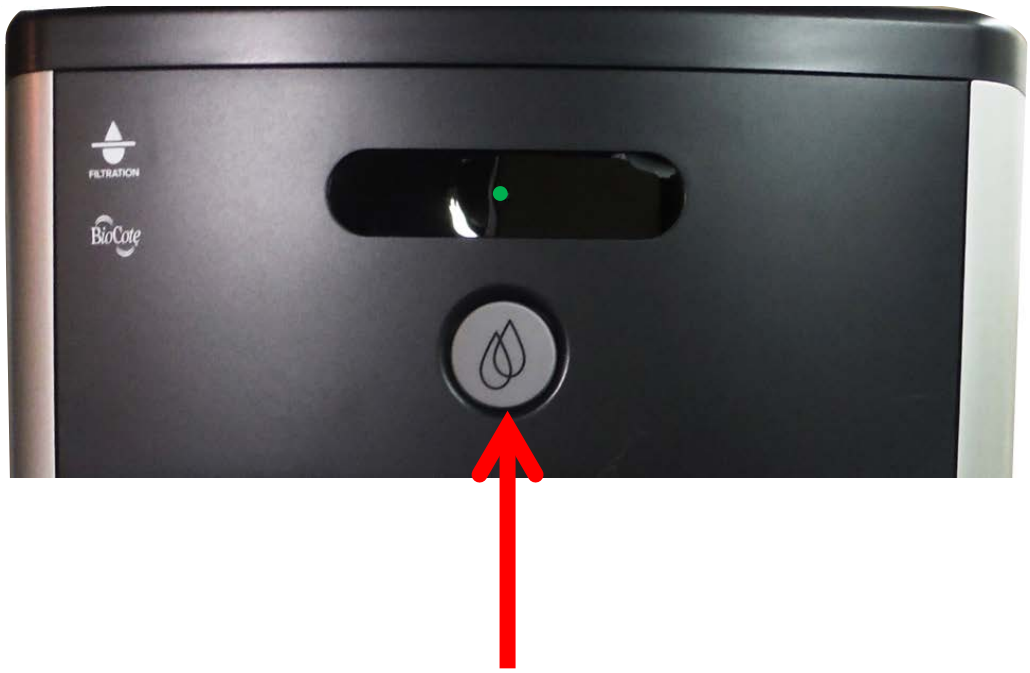
ITEM	WL200 Counter Top	WL200 Tower
Width/Depth/Height	13.5” x 14.5” x 17.75”# (34cm x 37cm x 45cm)	13.5” x 14.5 x 40.5” (34cm x 41cm x 103cm)
Weight (dry)	42 pounds (19.5 kg)	58 pounds (26.5 kg)

ELECTRICAL SPECIFICATIONS

ELECTRICAL SUPPLY	120V/60Hz, 1PH	15 Amp Service
COMPONENT	**POWER (approximate)**	**AMP DRAW (approximate)**
Compressor	216	1.8 Amps
WL200 TOTAL	**216**	**1.8 Amps**

#***WL200*** Counter Top is 17.75 in. tall and may not fit between Counter Tops and cabinets - Check installation to ensure adequate clearance.

OPERATING INSTRUCTIONS



Dispensing Button

The above picture shows front LCD display and control panel for the ***Waterlogic WL200 Water Treatment System***.

For Cold Water: Press the Dispensing 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. 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
3175 Bass Pro Drive
Grapevine, TX 76051

Tel: (800) 288-1891
Website: waterlogic.us

SERVICE REQUIREMENTS

⚠ **WARNING!** ***Read and understand the contents of this manual before attempting to service WL200 Water Purification 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 2”) 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. Empty and clean the drip tray on a regular basis.
6. 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.*

LG COMPRESSOR UPGRADE

*Parts List in this manual updated to reflect these changes.

New LG Compressor 120V R134A 1/8HP CSB035LJCM with external start/run capacitor.

New LG Compressor with External Start/Run Capacitor

New LG CSB035 LJCM Compressor

Repair/Replacement Parts for are not interchangeable with older/other compressors.

Older version of LG compressor is obsolete and no longer available.

New LG CSB035LJCM 120V R134A 1/8HP Compressor Repair Parts

Part # CO-0017-L00-00	LG Compressor 120V CSB035LJCM-PTC Relay
Part # CO-0018-L00-00	LG Compressor 120V CSB035LJCM-Overload Protector
Part # CO-0019-L00-00	LG Compressor 120V CSB035LJCM-Capacitor

ADJUSTING COLD SET POINT

Cold Water Temperature – Factory Set Point is 41°F (5°C) and can be adjusted to 34°F - 54°F (1.1°C to 12.2°C)

The cold set point can be adjusted by accessing the cold thermostat adjustment screw under the decal at the rear of the unit.

Remove the red portion of the Cold Tank Temperature label to access the adjustment screw.

The factory set point is ~41°F and is indicated by the dot on sheet metal.

Turning the adjustment screw clockwise to lower the set point temperature.

Do not adjust past the “Max Cold” position at 3:00 position to avoid freezing the cold tank.

Turning the adjustment screw counter-clockwise to raise the set point temperature.

REPLACEMENT COMPONENTS (CONSUMABLES)

Component	WLCP Part No.	Frequency of Replacement
GAC Filter - 10" Carbon Activated Inline Filter – ***Optional*** ****Filter Element PN FT-0038-WLT***	FT-0035	Every 6-months or as required. Local water conditions will determine proper filter type and maintenance schedule. FT-0035-IL-WLT
Carbon Block - 10" CBC 1 Micron Lead and Cyst Reduction Inline Filter – ***Optional*** ****Filter Element PN FT-0064-WLT***	FT-0063	Every 6-months or as required. Local water conditions will determine proper filter type and maintenance schedule. FT-0063-IL-WLT
Sediment Filter - 10" Sediment 20 Micron Inline Filter – ***Optional*** ****Filter Element PN FT-0055-WLT***	FT-0053	Every 6-months or as required. Local water conditions will determine proper filter type and maintenance schedule. FT-0053-IL-WLT

Replacement parts can be obtained from *Waterlogic* or an *Authorized Waterlogic Dealer*.
See Parts Layouts, Drawings, and Lists for additional repair parts.

Surface Cleaning

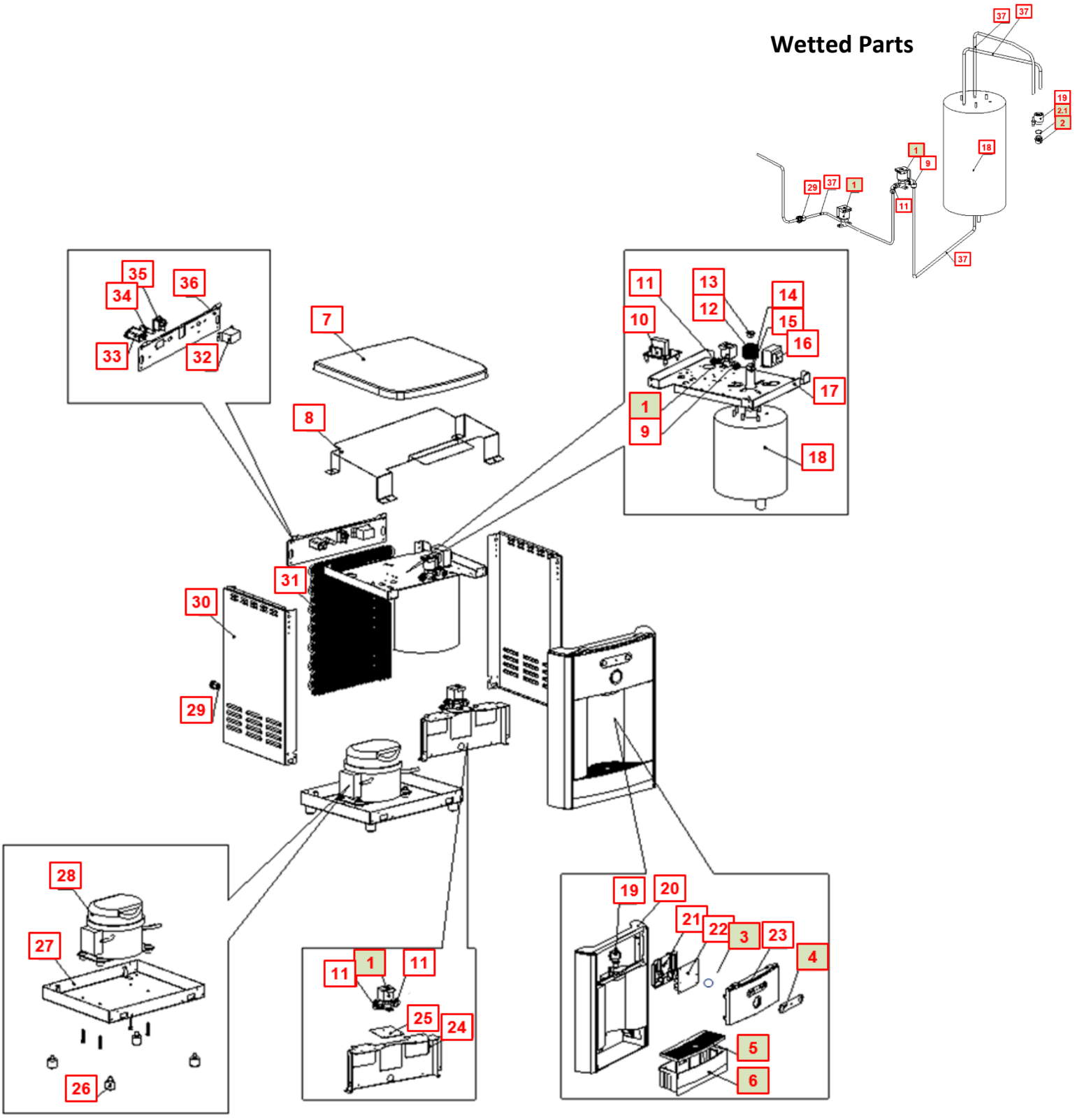
Clean on a regular basis with damp lint free cloth. Never use harsh chemicals (alcohol or acid based) or abrasive agents on any part of the product to avoid damage. A mild cleaner such as Simple Green or equivalent is recommended.

DISPOSAL

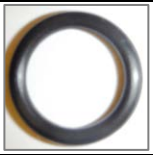
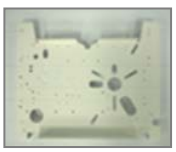
End of Life

At the **end of this product's life**, ensure that it is disposed of in an environmentally friendly manner which is fully compliant **with all Federal/State/Local Requirements and Guidelines**. Do not dispose of this appliance with normal household or business waste.

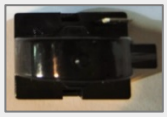
WL200 COUNTER TOP DRAWINGS with PART NUMBERS



No	WLCP Part No.	Description	Part No	Stocked?	
Consumables					
Optional	FT-0035	GAC Filter - 10" Carbon Activated Inline Filter - ***Optional*** *Filter Element PN FT-0038-WLT*	FT-0035-IL-WLT	Yes	
Optional	FT-0063	Carbon Block - 10" CBC 1-Micron Lead and Cyst Reduction Inline Filter - ***Optional*** *Filter Element PN FT-0064-WLT*	FT-0063-IL-WLT	Yes	
Optional	FT-0053	Sediment Filter - 10" Sediment 20 Micron Inline Filter ***Optional*** *Filter Element PN FT-0055-WLT*	FT-0053-IL-WLT	Yes	
Recommended Spare Parts					
1	12-1500	Solenoid Valve 500 mm *Recommend stocking 2 each per every 10 units purchased*	PU-4016	Yes	
1.1	CU-0001	Solenoid Cushion *Recommend stocking 2 each per every 10 units purchased*	CU-0001	Yes	
2	10-3048	Faucet Nipple – Blue with Screen *Recommend stocking 2 each per every 10 units purchased*	PL-1013	Yes	
3	12-8600	Silicon Button Key Mat Cold Only *Recommend stocking 5 each per every 10 units purchased*	PL-1100	Yes	
4	12-8610	Button Label - Cold Only *Recommend stocking 2 each per every 10 units purchased*	LP-7085	Yes	
5	12-8150	Drip Tray Grill – Charcoal *Recommend stocking 4 each per every 10 units purchased*	PL-1152	Yes	
6	12-8055	Drip Tray - Charcoal with Waterlogic Logo *Recommend stocking 4 each per every 10 units purchased*	PL-1156	Yes	
Not Shown	01-2076	ScaleKleen *Recommend stocking 2 each per every 10 units purchased*	NA	Yes	

Remaining of Parts					
7	12-8060	Flat Top Cover - Charcoal with Texture **Counter Top Only**	PL-1249-CN	Yes	
8	ST-0049-L00-00	High Voltage Metal Cover (ETL-Certification) **Counter Top Only**	ST-0049-L00-00	Yes	
9	Purchase from John Guest	5/16" x ¼" Reducing Elbow John Guest P/N PI211008S	PU-4007	No	
10	NA	Leak Detection PCB	EN-6111-A	No	
10.1	10-3017	PCB Stand-off Pin	EN-6059	Yes	
11	Purchase from John Guest	1/4" Union Elbow John Guest P/N P10308S	PU-4008	No	
12	12-1210	UV Lamp Retaining Threaded Nut **Counter Top Only**	PL-1128	Yes	
13	10-8085	UV Lamp Fixing Rubber (Silicon) **Counter Top Only**	CT-2001-B	Yes	
14	NA	Quartz Sleeve (100mm) **Counter Top Only**	CT-2062-CN	No	
15	10-2500	Black O-Ring for Quartz Sleeve **Counter Top Only**	CT-2006	Yes	
16	12-3117	Power Transformer 120V	EL-5003-A	Yes	
17	12-3165	Upper Shelf **Counter Top Only**	ST-8150-B	Yes	

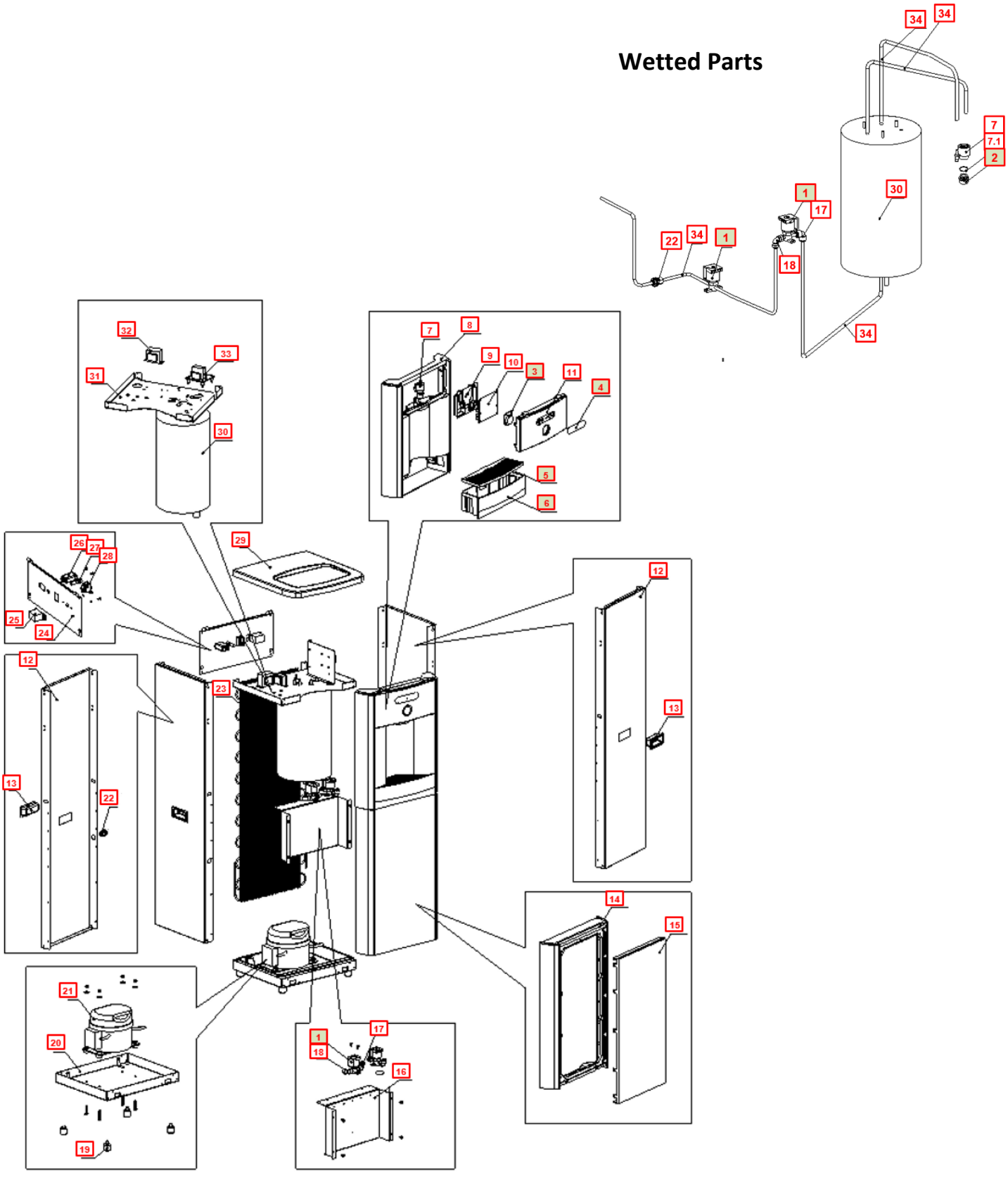
18	12-3110	2L UV Cold Tank Assembly **Counter Top Only**	CT-2060	Yes	
19	NA	Faucet - Cold only	PL-1012	Yes	
19.1	10-2600	Natural Faucet O-Ring – Silicon White	CT-2007	Yes	
20	12-8050	Front Upper Drip Tray Insert Panel	PL-1146	Yes	
21	12-8605	PCB Cover	PL-1180-CN	Yes	
22	12-8615	Main PCB	EN-6086	Yes	
23	NA	Front Upper Insert Panel - Charcoal	PL-0084-L00-CL	No	
24	12-3175	Filter Bracket **Counter Top Only**	ST-8152	Yes	
25	12-3195	Leak System Inlet Solenoid Bracket	ST-8244	Yes	
26	12-3150	Unit Rubber Feet **Counter Top Only**	PL-1251-CN	Yes	
27	12-3170	Bottom Tray **Counter Top Only**	ST-8151	Yes	

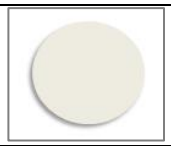
Verify compressor in machine before ordering parts as the Compressor P/N CO-0020-L00-00 and 10-2200 (CO-0001A) and related parts are not interchangeable.					
CO-0020-L00-00 Compressor					
34A.1	CO-0020-L00-00	LG Compressor 120V R134A CSB035LJCM	CO-0020-L00-00	Yes	
34A.2	CO-0019-L00-00	Compressor Capacitor	CO-0019-L00-00	Yes	
34A.3	ST-0216-L00-00	Capacitor Bracket	ST-0216-L00-00	Yes	
34A.4	CO-0017-L00-00	PTC Relay	CO-0017-L00-00	Yes	
34A.5	CO-0018-L00-00	Overload Protector	CO-0018-L00-00	Yes	
CO-9001-A / 10-2200 Compressor					
34B.1	10-2200	Compressor (R134a 1/8HP) 120V/60Hz	CO-9001-A	Yes	
34B.2	10-3003	Compressor Starter Relay	CO-9016	Yes	
34B.3	10-5018	Compressor Overload	CO-9015	Yes	
28.1	12-1001	Filter Dryer	CO-9008	Yes	
29	10-3067	Bulkhead Union ¼" x ¼" John Guest P/N PI1208S	PU-4028	Yes	
30	12-8062	Side Panel **Counter Top Only**	ST-8245	Yes	
31	12-3100	Wire Condenser **Counter Top Only**	CO-9031	Special Order	

32	12-1101	Cold Tank Thermostat – included with Cold Tank	CT-2016	Yes	
33	10-4013	Power Line Noise Filter, ElectroMagnetic Interference filter (EMI)	EL-5016	Yes	
34	EL-5053	Fuse Holder and Fuse 120V / 15A with One Wire	EL-5053	Yes	
34.1	10-3013	Fuse 120V / 15A	EL-5010	Yes	
35	12-5600	Red Power and Compressor Switch	EL-5019-A	Yes	
36	12-8061	Silver Back Panel **Counter Top Only**	ST-8216	Yes	
37	Purchase from John Guest	JG LLD PE Tube - Blue O.D.1/4"John Guest P/N PE-08-BI-1000F-B	PU-4031	No	
Not Shown	10-3007	Power Cord – 120V	EL-5001-B	Yes	

WL200 TOWER DRAWINGS with PART NUMBERS

Wetted Parts



No	WLCP Part No.	Description	Part No	Stocked?	
Consumables					
Optional	FT-0035	GAC Filter - 10" Carbon Activated Inline Filter - ***Optional*** *Filter Element PN FT-0038-WLT*	FT-0035-IL-WLT	Yes	
Optional	FT-0063	Carbon Block - 10" CBC 1-Micron Lead and Cyst Reduction Inline Filter - ***Optional*** *Filter Element PN FT-0064-WLT*	FT-0063-IL-WLT	Yes	
Optional	FT-0053	Sediment Filter - 10" Sediment 20 Micron Inline Filter ***Optional*** *Filter Element PN FT-0055-WLT*	FT-0053-IL-WLT	Yes	
Recommended Spare Parts					
1	12-1500	Solenoid Valve 1000 mm	PU-4016	Yes	
11.1	CU-0001	Solenoid Cushion	CU-0001	Yes	
1	12-1500	Solenoid Valve 500 mm *Recommend stocking 2 each per every 10 units purchased*	PU-4016	Yes	
1.1	CU-0001	Solenoid Cushion *Recommend stocking 2 each per every 10 units purchased*	CU-0001	Yes	
2	10-3048	Faucet Nipple – Blue with Screen *Recommend stocking 2 each per every 10 units purchased*	PL-1013	Yes	
3	12-8600	Silicon Button Key Mat Cold Only *Recommend stocking 5 each per every 10 units purchased*	PL-1100	Yes	
4	12-8610	Button Label - Cold Only *Recommend stocking 2 each per every 10 units purchased*	LP-7085	Yes	
5	12-8150	Drip Tray Grill – Charcoal *Recommend stocking 4 each per every 10 units purchased*	PL-1152	Yes	
6	12-8055	Drip Tray - Charcoal with Waterlogic Logo *Recommend stocking 4 each per every 10 units purchased*	PL-1156	Yes	

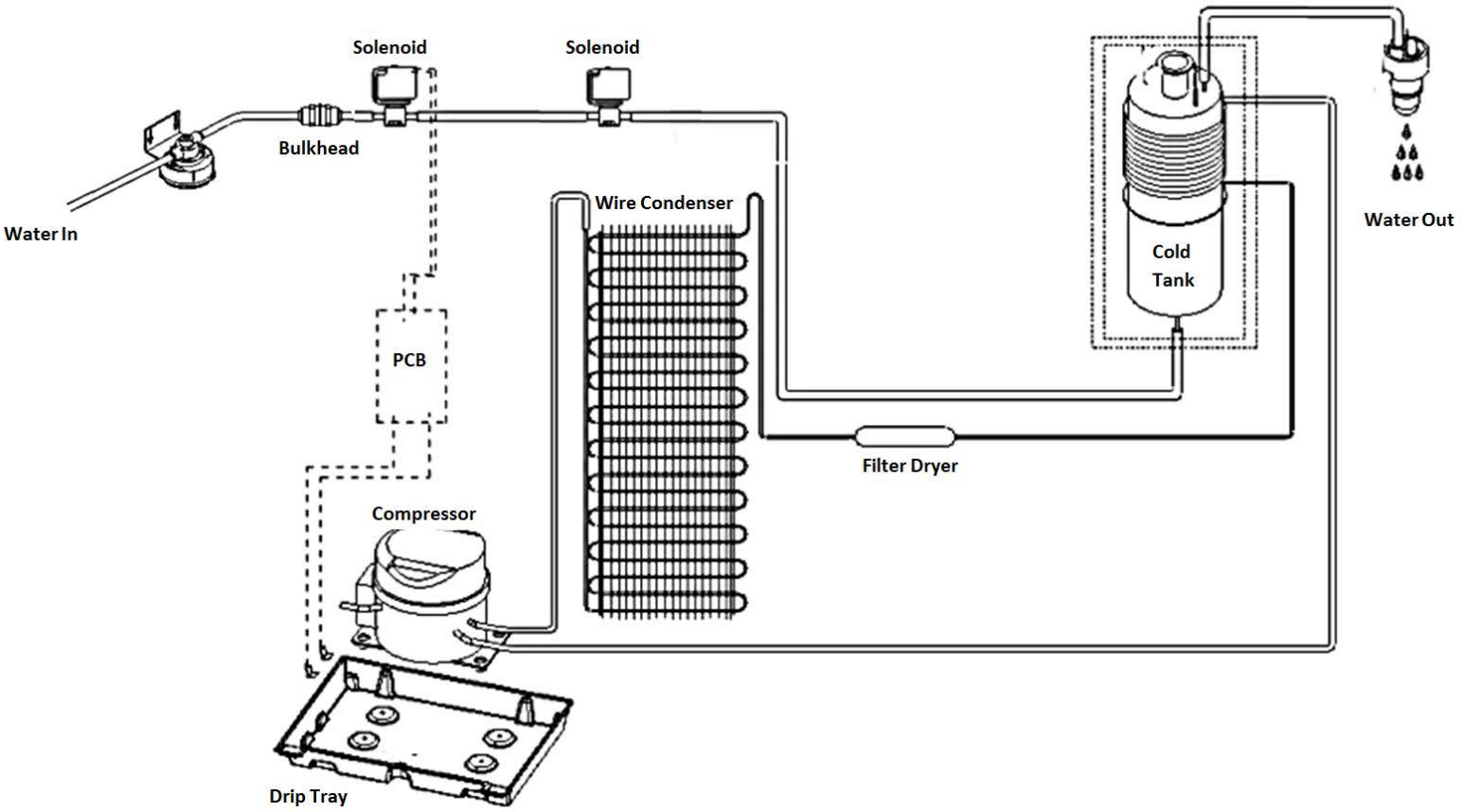
Not Shown	01-2076	ScaleKleen *Recommend stocking 2 each per every 10 units purchased*	NA	Yes	
Remaining of Parts					
7	NA	Faucet Cold only	PL-1012	No	
7.1	10-2600	Natural Faucet O-Ring – Silicon White	CT-2007	Yes	
8	12-8050	Front Upper Drip Tray Insert Panel	PL-1146	Yes	
9	12-8605	PCB Cover	PL-1180-CN	Yes	
10	12-8615	PCB for Cold Water	EN-6086	Yes	
11	NA	Front Upper Insert Panel - Charcoal	PL-0084-L00-CL	No	
12	12-8000	Silver Side Panel **Tower Only**	ST-8157	Yes	
13	12-8058	Side Panel Plastic Handle	PL-1123	Yes	
14	12-8052	Front Lower Panel **Tower Only**	PL-1148	Yes	
15	12-8053	Front Lower Insert Panel **Tower Only**	PL-1149	Yes	
16	12-8005	Filter Bracket **Tower Only**	ST-8138	Yes	

17	Purchase from John Guest	5/16” x ¼” Reducing Elbow John Guest P/N PI211008S	PU-4007	No	
18	Purchase from John Guest	1/4” Union Elbow John Guest P/N P10308S	PU-4008	No	
19	10-3083	Unit Control Rubber Feet **Tower Only**	ST-8167CN	Yes	
20	12-8004	Bottom Tray **Tower Only**	ST-8137	Yes	
21	10-2200	Compressor (R134a 1/8HP) 120V/60Hz	CO-9001-A	Yes	
CO-0020-L00-00 Compressor					
34A.1	CO-0020-L00-00	LG Compressor 120V R134A CSB035LJCM	CO-0020-L00-00	Yes	
34A.2	CO-0019-L00-00	Compressor Capacitor	CO-0019-L00-00	Yes	
34A.3	ST-0216-L00-00	Capacitor Bracket	ST-0216-L00-00	Yes	
34A.4	CO-0017-L00-00	PTC Relay	CO-0017-L00-00	Yes	
34A.5	CO-0018-L00-00	Overload Protector	CO-0018-L00-00	Yes	
CO-9001-A / 10-2200 Compressor					
34B.1	10-2200	Compressor (R134a 1/8HP) 120V/60Hz	CO-9001-A	Yes	
34B.2	10-3003	Compressor Starter Relay	CO-9016	Yes	
34B.3	10-5018	Compressor Overload	CO-9015	Yes	
21.1	12-1001	Filter Dryer	CO-9008	Yes	

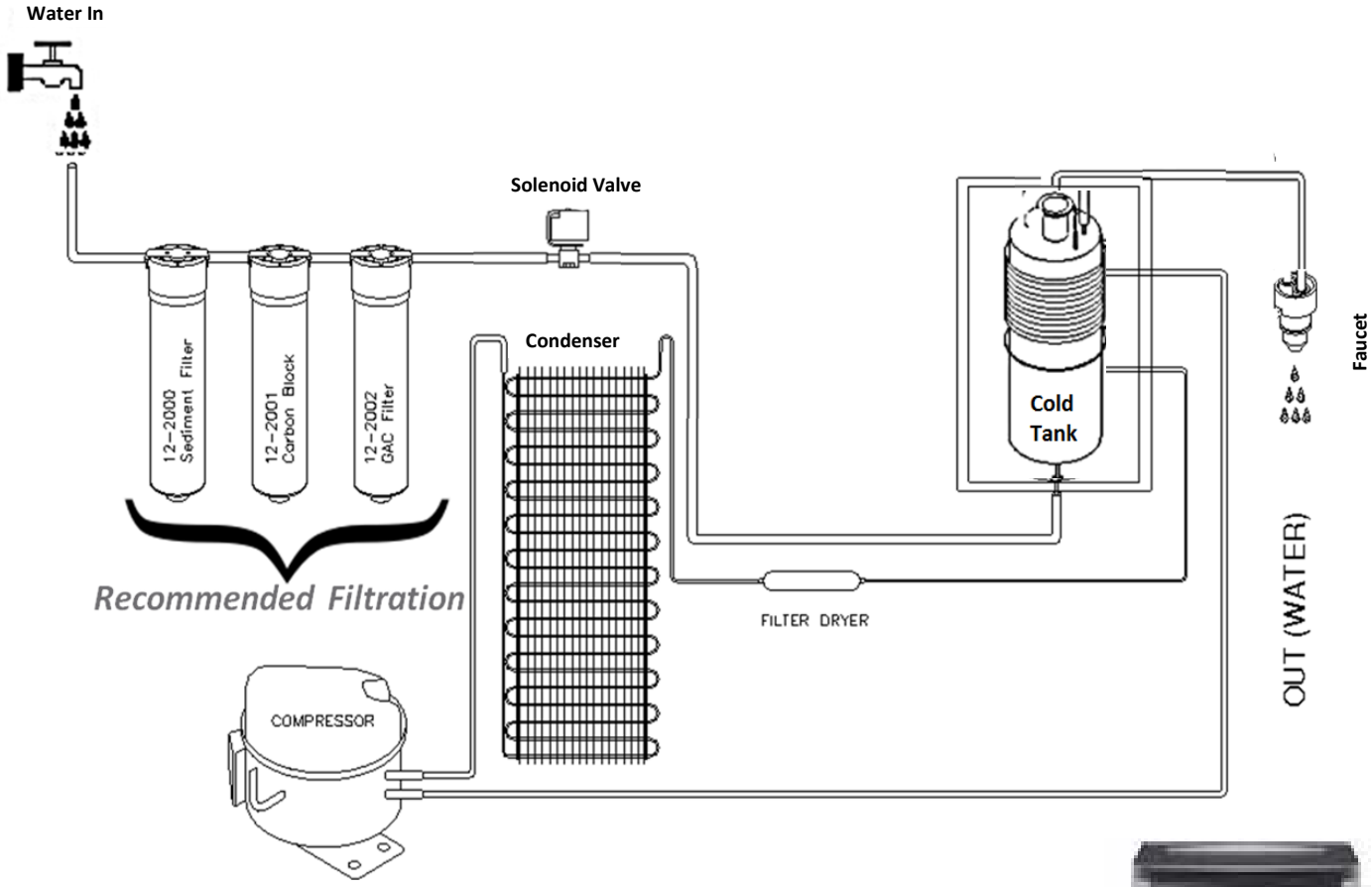
22	10-3067	Bulkhead Union ¼" x ¼" John Guest P/N PI1208S	PU-4028-A	Yes	
23	12-8102	Wire Condenser Tower Only	CO-9027	Special Order	
24	12-8002	Silver Back Panel **Tower Only**	ST-8135	No	
25	12-1101	Cold Tank Thermostat – included with Cold Tank	CT-2016	Yes	
26	10-4013	Power Line Noise Filter, ElectroMagnetic Interference filter (EMI)	EL-5016	Yes	
27	EL-5053	Fuse Holder and Fuse 120V / 15A with One Wire	EL-5053	Yes	
27.1	10-3013	Fuse 120V / 15A	EL-5010	Yes	
28	12-5600	Red Power and Compressor Switch	EL-5019-A	Yes	
29	12-8054	Top Cover **Tower Only**	PL-1150	Yes	
30	12-1100	4L Single Cold Tank Assembly Tower Only	CT-2017	Yes	
31	12-8003	Upper Shelf Tower Only	ST-8136-R2	Yes	
32	12-3117	Power Transformer 120V	EL-5003-A	Yes	
33	NA	Leak Detection PCB	EN-6111-A	No	

33.1	10-3017	PCB Stand-off Pin	EN-6059	Yes	
34	Purchase from John Guest	JG LLD PE Tube - Blue O.D.1/4"John Guest P/N PE-08-BI-1000F-B	PU-4031	No	
Not Shown	10-3007	Power Cord – 120V	EL-5001-B	Yes	

WL200 COUNTER TOP WATER FLOW DIAGRAM

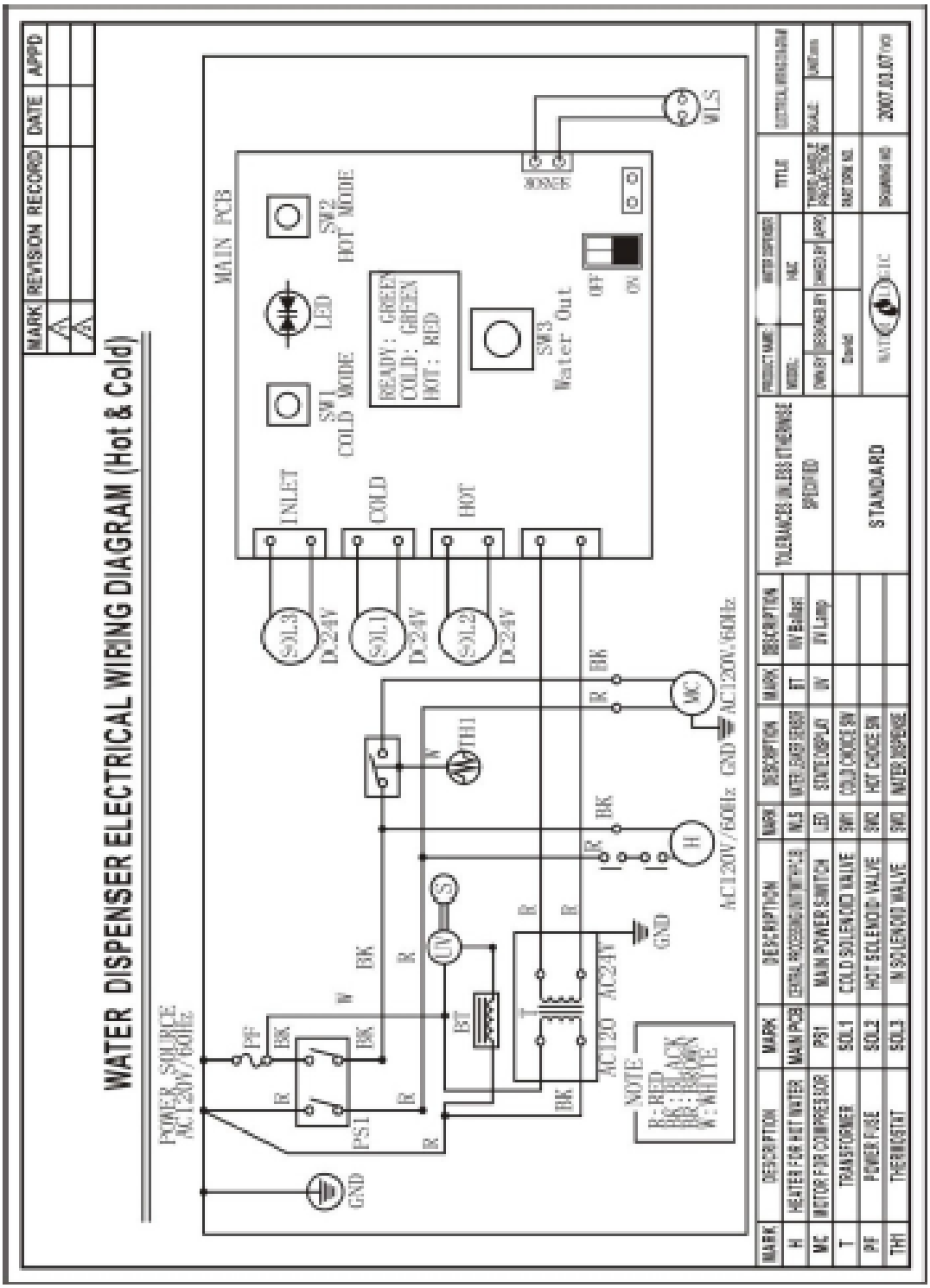


WL200 TOWER WATER FLOW DIAGRAM



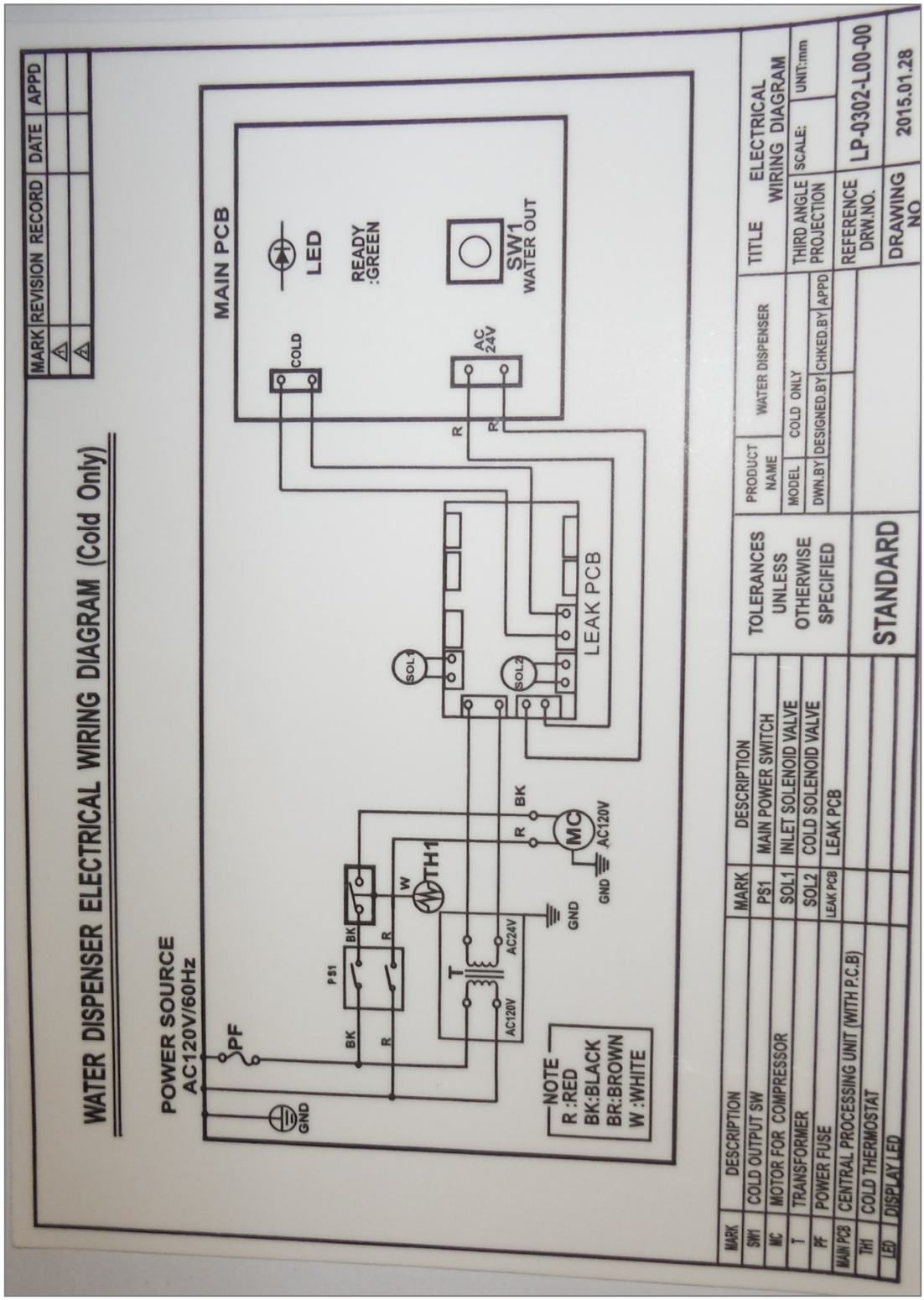
WL200 COUNTER TOP ELECTRICAL DIAGRAM

⚠**DANGER!** *HIGH VOLTAGE ELECTRICAL HAZARD. PCB (Printed Circuit Board) contains High Voltage. Only trained and qualified technicians should attempt live testing.*



WL200 TOWER ELECTRICAL DIAGRAM

⚠**DANGER!** *HIGH VOLTAGE ELECTRICAL HAZARD. PCB (Printed Circuit Board) contains High Voltage. Only trained and qualified technicians should attempt live testing.*



PRE-INSTALLATION PROCEDURES

⚠ **DANGER!** ***ELECTRICAL SHOCK HAZARD.***
Only qualified personnel who have read and understand this entire manual should attempt to install, or service this unit, failure to do so could result in death or serious injury. DO NOT plug into an electrical supply until specifically instructed.

⚠ **WARNING!** ***ALWAYS SANITIZE BEFORE USE.***
Sanitize before use to eliminate any potential microbiological contaminates.

⚠ **CAUTION!** ***DRIP TRAY DRAIN.***
If you intend to provide a drip tray drain for your customer, be aware that you will be called multiple times per month to service and unclog the tubing leading away from the drip tray to drain. Users will clog the drain with paper clips, erasers, napkins, tea bags, gum, and various other intended items. Waterlogic recommends you establish a minimum of weekly visits to the machine for cleaning of the drip tray drain.

Materials Needed:

- Personal Protective Equipment. Rubber or Nitrile Safety Gloves and Protective Eyewear
- Phillips Screwdriver
- Temperature Gage
- Water Pitcher or Container to collect water from the faucet
- 5 gallon container or drain basin
- Sanitizer - Household Bleach (5.25% Sodium Hypochlorite) or Citric Acid Based Cleaner
- ¼" Plastic Tubing, at least 4 feet in length, and assorted ¼" quick connect fittings
- TDS Meter and Test Strips for measuring chlorine - Optional

1. Unpack the ***Waterlogic WL200 Water Treatment System*** and check exterior for damage.

Sanitizing

Sanitize using a Household Bleach (5.25% Sodium Hypochlorite solution) or other approved cleaner throughout the cold and sparkling water circuits. Follow all instructions on the sanitizer and flush with fresh water through the faucet until odor and taste is acceptable.

⚠ **WARNING!** ***USE PROPER PERSONAL PROTECTIVE EQUIPMENT***
Always ensure proper ventilation and use proper personal protective equipment such as gloves and eye protection when using chemicals. Refer to Material Safety Data Sheet for specific requirements of each chemical product. Take all necessary precautions to prevent sanitizer from contacting eyes, clothing, and any other surfaces in could damage (carpets).

2. Put 1 teaspoon of sanitizer per directions or use Bleach Solution (1 teaspoon = 1/6 oz. = 5 ml = ½ cap full) of household bleach (Sodium Hypochlorite 5 - 10% Concentration) in the Sanitizing Cartridge. Always ensure sanitizer is compatible with stainless steel and acetyl plastic.

3. Connect sanitizing cartridge to inlet water supply and connect to inlet bulkhead fitting on back of unit. Turn on water supply.

4. Connect power to ***WL200 Water Treatment System***. DO NOT TURN ON RED POWER SWITCH AT THIS TIME O = *OFF*.

Fill the Cold Circuit with Sanitizer

5. Depress the main dispensing button on the front control panel until cold water/sanitizing solution comes out the faucet. **NOTE:** Container and drain basin will be required to catch the water from the faucet.

   ⚠ **WARNING!** *Use Personal Protective Equipment. Gloves and Eye Protection Required. The first 2 or 3 gallons of water will contain concentrated sanitizer. Use extreme care!*

6. Turn off water supply and remove Sanitizing Cartridge from inlet water supply. Reconnect water supply to inlet bulkhead fitting.

Flush Filters

⚠ **CAUTION!** ***FILTER FLUSH REQUIRED.***

WL200 Water Treatment Systems *are not supplied with filters. Filters should be configured to optimize your system. Filters need to be configured and specified to do the job given the local water conditions, usage, maintenance schedule, and placement restrictions.*

In order for the filters to perform as represented and to provide the best quality water possible, it is essential that filters be replaced periodically. The frequency of filter changes depends upon your water quality and your water usage. For example, if there is a lot of sediment and/or particles in your water, then you will have to change your filters more frequently than a location with little to no sediment. Be sure to replace your filters whenever you notice a decline in the performance, whether it is a drop in flow rate and/or pressure or an unusual taste in the water.

7. Flush thoroughly per filter manufacturers' recommendation with fresh water to drain.

8. Once flushed, install the filters. Following the flow direction on the filter.

   NOTE: Filters should not be flushed prior to 24 hours before installation to limit Microbial Growth.

9. Connect ***WL200 Water Treatment System*** to power.

Flushing the Sanitizer from the Machine

10. Place a pitcher, catch basin, or other container under the faucet of the ***WL200 Water Treatment System.***

11. Flush the Cold Tank. Run several gallons of water through the faucet by dispensing cold water to dilute and remove the sanitizer from the cold circuit. You can use chlorine test strips to evaluate the water.

12. Once the sanitizer odor/taste has been flushed out of the cold side of the machine the sanitization process for the Cold Circuit is now complete.

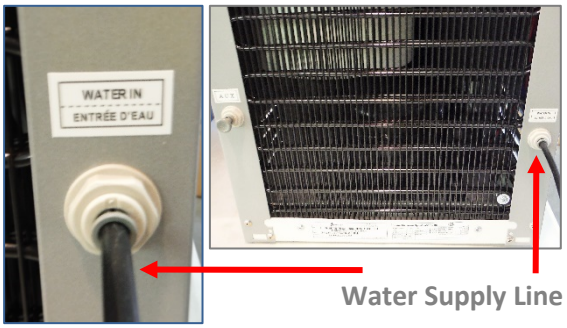
WL200 **COUNTER TOP DRAINING INSTRUCTIONS**

Drain the ***WL200 Water Treatment System*** for transportation.

⚠ **WARNING!** ***STORE UNIT EMPTY. ALWAYS SANITIZE BEFORE REUSE.***
The unit must be completely drained and sealed before storing to avoid stagnation and reduce microbial growth).

Turn off Water Supply and Bleed Water Pressure

1. Isolate the ***WL200 Water Treatment System*** from feed water by turning off the supply.
2. Dispense cold still water to relieve any pressure built up in the system.
3. Remove the water supply line from the inlet line bulkhead fitting at back of the ***WL200 Water Treatment System.***



4. Depress Cold Water Dispense Button until all Cold Water has drained from the ***WL200 Water Treatment System.***
5. Depress Hot Water Dispense Button until all Hot Water has drained from the ***WL200 Water Treatment Machine***.

WL200 TOWER DRAINING INSTRUCTIONS

Draining Notes

Drain the ***WL200 Water Treatment System*** for transportation.

⚠ **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 contaminates.

Disable Cold Tanks

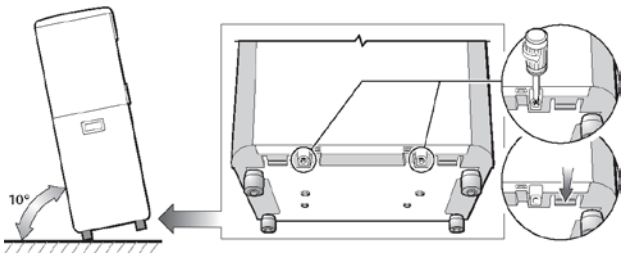
1. Turn off the Red Power Switch to disable the compressor. *O = OFF*

Turn off Water Supply and Bleed Water Pressure

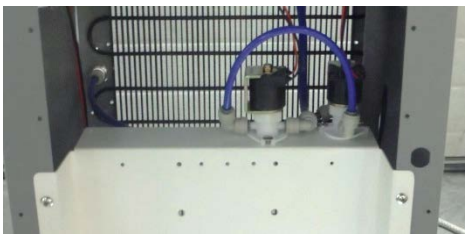
2. Isolate the unit from feed water by turning off the supply.
3. Dispense cold still water to relieve any pressure built up in the system.
4. Remove the water supply line from the inlet line bulkhead fitting at back of machine.
5. Install dust cap or plug into water supply line bulkhead fitting.

Drain the Cold Water Tank and Circuit

6. Remove lower front panel to access tank feed lines.



7. Disconnect tank line feed line from cold inlet solenoid to drain into basin or catch.



8. Reconnect tubing into inlet elbow once drained.
9. Dry inside of unit if necessary.
10. Replace lower front panel.

INSTALLATION PROCEDURES

Safety and Installation Guidelines

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.

⚠ **WARNING!** ***ELECTRICAL SHOCK HAZARD.*** *Always unplug (isolate from power supply) to prevent electrical shock except where electrical tests are specified.*

⚠ **WARNING!** ***IMPROPER SUPPLY OR CONNECTION CAN RESULT IS RISK OF SHOCK.*** *Connect to a 15-amp 120V 60Hz properly grounded outlet (GFI is recommended). Ensure polarity is correct and always use a 3-prong outlet. Consult a qualified electrician if you have any questions.*

⚠ **WARNING!** ***USE ONLY Waterlogic SUPPLIED POWER CORD.*** *Locate system within 5 feet of power supply. Never use an extension cord or adapter. Do not use a damaged power cord or plug. Keep power cord out of heavy traffic areas and away from heat sources. Do not, under any circumstances, remove ground prong or alter the power cord. Never pull the power plug from the outlet with a wet hand or allow the plug to get wet. Failure to use the supplied power cord will void UL Certification and Warranty.*

⚠ **CAUTION!** ***INDOOR 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 26.7°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. Operating pressure must be 40 psi to 60 psi. Be aware any of 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.*

⚠ **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 contaminates*

Pre-installation and sanitization procedures as prescribed in this manual must be performed before installing the ***WL200 Water Treatment System***.

Always install indoors and place the ***Waterlogic WL200 Water Treatment System*** on a firm, flat and stable surface.

1. Attach the water supply line to the 1/4” feed water inlet bulkhead fitting on the back of the unit. ***Waterlogic*** requires the use of a water pressure regulator. Water feed pressure must be between 40-60 psi. Turn on the water supply and check for leaks.

2. Check to ensure that the Red Power Switch is off. *O=OFF*

3. Connect the power cord to the back of the ***Waterlogic WL200 Water Treatment System*** **and** to a 120 Volt supply.

4. Fill the Cold Tank. Hold a container under the dispensing faucet, press and hold the main dispensing button until a continuous flow of water is obtained. Once a continuous flow is obtained, release the dispensing button. Cold tank is now full.

5. Move the ***Waterlogic WL200 Water Treatment System*** into its final operating position. Be sure that a minimum of 2” clearance is maintained around both the sides and the back of the unit. This is important to allow proper airflow and heat exchange of refrigeration system.

6. Level unit using the adjustable feet to level if necessary. Never install on incline.

7. Turn the Red Power Switch on. *I=ON*.

8. When the unit has reached its Cold Temp Set Point Temperature, the compressor will cycle off.

9. Once the unit is at the target temperature(s), sample the water to ensure water meets expectations and additional rinsing or adjustment is not required.

10. Check the unit for any leaks. External Leak Protection is always recommended.

POWER TROUBLESHOOTING INDEX

1. Red Power Switch is lit but the red LED on the Front is not lit
2. Compressor Runs but does Not Chill
3. Compressor is Not Running

1. Red Power Switch is lit but the Red LED on the Front is not lit

Possible Reason	Solution
Bad Transformer	Replace Transformer
Black Power Connector to the PCB is not properly connected	Properly connect.
Bad Front PCB	Replace Main PCB Part Number: EN-6086 / Waterlogic P/N 12-8615.
Defective Red Power / Compressor Switch	Replace Red Power / Compressor Switch

2. Compressor Runs But Does Not Chill

Possible Reason	Solution
Condenser is dirty	Clean the condensing coil of any obstructions or dust.
Reduction of airflow into unit.	Make sure unit is not under minimum ventilation requirements (2 to 4 inches).
Compressor is running very hot.	Low or lost refrigerant. Refrigerant recharge required.

3. Compressor is Not Running

Possible Reason	Solution
Red Power and Compressor Switch button on unit is in the off position	Turn Red Power and Compressor Switch on. *I = ON*
Compressor Starting Circuit	Turn Red Power and Compressor Switch off. *O = OFF.* Remove the compressor cap on side of the compressor; Disconnect the black and red terminal connectors; Inspect the starter and overload relay for any defects. Replace components(s) as needed. Turn Red Power and Compressor Switch on *I = ON* and retest compressor operation.

DISPENSING TROUBLESHOOTING INDEX

1. Dispensing won't stop when not holding the Dispensing Button
2. Water does not dispense from unit
3. Steady Drip out of Faucet
4. Irregular / Intermittent Dispensing
5. Small amount of water periodically dispenses from faucet automatically
6. Low Flow of Water – Rated Service Flow is 1.89 Liters (0.5 gallons) per Minute
7. No Cold Water Available
8. Cold Water dispenses from Faucet and Vent Outlet Simultaneously
9. Dispense Buttons stick
10. Run-On Water continues to dispense out of faucet after releasing the dispense button

1. Dispensing Won't Stop when Not Holding the Dispensing Button

Possible Reason	Solution
Too much water pressure. Recommend 40-60 psi for the ***WL200 Water Treatment System*** to operate properly.	The correct input water pressure is critical to the performance of the unit to allow solenoids to open. Check water pressure at the inlet bulkhead with a water pressure gauge. Additional method of verification is to turn off water to unit and press the dispense button. Does the solenoid open without water pressure to the unit? Listen for solenoid to activate, not button "click". Adjust water pressure to 40-60 psi.
Bad Display PCB	Replace Front PCB P/N 12-8615 – Factory P/N EN-6086
Debris in the Solenoid	Inspect Solenoid for debris and clean out as needed.
Dispensing Button Stuck	Dirt or Foreign material is filling the gap around the push-buttons. Inspect the push buttons and clean surrounding area. Inspect faucet assembly inside the unit and clean as necessary.

2. Water does not dispense from Unit

Possible Reason	Solution
Too much water pressure. Recommend 40-60 psi for the ***WL200 Water Treatment System*** to operate properly.	The correct input water pressure is critical to the performance of the unit to allow solenoids to open. Check water pressure at the inlet bulkhead with a water pressure gauge. Additional method of verification is to turn off water to unit and press the dispense button. Does the solenoid open without water pressure to the unit? Listen for solenoid to activate, not button "click". Adjust water pressure to 40-60 psi.
Closed water supply valve	Open the water supply valve.
The unit is not properly plugged into electrical outlet	Check electrical outlet connection, or for blown circuit breaker.
Red Heater and Compressor Switch on unit is in the off position	Turn Red Heater and Compressor switch on. *I = ON*
15 Amp Fuse Blown	Replace the 15 Amp Fuse as needed.
Water is present in the bottom tray, causing the leak detection to trigger. **Leak Detection is on the Counter Top Model only.*	Remove the Top Cover and Front Panel. Tip the unit slightly to drain, dry bottom tray completely.
Hot and Cold Solenoid connections into the Display PCB are loose.	Turn power off; unplug the unit and visually inspect solenoid connections into the Display PCB. Verify the soldering points on connections are secure into the board. Remove the PCB to inspect the front of the board.
Exhausted Filter	Replace filters as needed.

3. Steady Drip Out of Faucet

Possible Reason	Solution
Debris in Solenoid	Inspect Solenoid for debris and clean out as needed.

4. Irregular / Intermittent Dispensing

Possible Reason	Solution
Too much water pressure. Recommend 40 to 60 psi for ***WL200 Water Treatment System*** to operate properly.	Check water pressure at the inlet bulkhead with a water pressure gauge. Additional method of verification is to turn off water to unit and press the dispense button. Does the solenoid open without water pressure to the unit? Listen for solenoid to activate, not button "click". Adjust water pressure to 40-60 psi.
Loose or bad connection on the Front Dispensing PCB or Solenoid Connector	Check that they are connected properly and tightened.
Solenoid	If both the Water Pressure and PCB have been ruled out, then it is the Solenoid. Replace Solenoid.
Dispensing button is broken on PCB	Check PCB for loose or damaged button. Replace PCB as necessary.

5. Small Amount of Water Periodically Dispenses from Faucet Automatically

Possible Reason	Solution
Cold or Hot Water Solenoid Valve malfunction`	Inspect valve components for proper function. Replace as necessary.
Obstruction in Solenoid housing is preventing proper sealing of component	Pre-determine whether water being dispensed is Hot / Cold. Isolate the water supply; push the DISPENSE button to release the line pressure, and remove the coil affixed to the Solenoid stem. Remove the stem from the solenoid housing and allow water from the tank to flush out the contaminate(s).

6. Low Flow of Water – Rated Service Flow is 1.89 Liters (0.5 gallons) per Minute

Possible Reason	Solution
Determine Flow of Water	Rated Flow Rate is 1.89 Liters (0.5 gallons) per Minute. Check Flow Rate by dispensing into a container for one minute. Measure the amount of water that has been dispensed.
Feed Lines too small	Feed lines can restrict flow if run long distances from the supply. It may be necessary to increase the supply line (e.g. use 3/8" feed line versus ¼").
Elbows and turns in the feed line	Minimize elbows and turns in the feed line.
Filters	Filters with high pressure drop due to fouling or just by design. Change filters more frequently or go to higher micron size filter for local water conditions.
Restrictions	Flow path to ensure there are no undiscovered restrictions due to debris or malfunctioning valves, including the supply valve at the source.
Booster Pump	Add a booster pump to the supply line if the feed is slower than needed.

7. No Cold Water Available

Possible Reason	Solution
Too much water pressure. Recommend 40 to 60 psi for ***WL200 Water Treatment System*** to operate properly.	Check water pressure at the inlet bulkhead with a water pressure gauge. Additional method of verification is to turn off water to unit and press the dispense button. Does the solenoid open without water pressure to the unit? Listen for solenoid to activate, not button "click". Adjust water pressure to 40-60 psi.
Closed Water Supply Valve	Open the Water Supply Valve
Cold Water Solenoid Valve malfunction	Inspect the valve components for proper functionality.

Red Heater and Compressor Switch on unit is off.	Turn Red Heater and Compressor Switch on. *I = ON*
Loose connection(s) on the Display PCB	Turn power off; unplug the unit and visually inspect solenoid connections into the Display PCB. Verify the soldering points on connections are secure into the board. Remove the PCB to inspect the front of the board.
Exhausted Filter	Replace filters as needed.

8. Cold Water Dispenses from Faucet and Vent Outlet Simultaneously

Possible Reason	Solution
Improper tubing attachment from the tank to faucet or vice versa	Verify tubing is connected properly from tank outlets to correct faucet attachments.
Scale has formed inside cold tank outlet tube.	Remove cold water outlet tube from tank to faucet. Pour some scale remover into cold tank.
Expansion chamber in Cold Tank is not sealed properly.	Replace Cold Tank.

9. Dispense Buttons Stick

Possible Reason	Solution
Dirt or Foreign material is filling the gap around the push-buttons.	Inspect the push buttons and clean surrounding area. Inspect faucet assembly inside the unit and clean as necessary.

10. Run On – Water continues to dispense out of faucet after releasing the dispense button

Reason

"Run On" or "Carry On" is present in all Waterlogic pressure fed units without outlet solenoids.

"Run On" is defined is the amount of water that continues to dispense out of the faucet after releasing the dispense button.

Run On exists because the tanks pressurize as water is being dispensed. Every Waterlogic tank has an outlet restrictor to ensure the tanks remain full of water and water is controlled as it is released to the faucet. The inlet solenoid controls flow into the tanks. The tanks will "depressurize" once the dispense button is released the inlet solenoid closes. A small amount of water will "Run On" through the faucet as the tank depressurizes to atmospheric conditions.

Typical "Run On" is 2-3 seconds.

"Run On" can be reduced by installing a pressure limiting device.

The amount of inlet or supply pressure directly impacts the amount of "Run On" as quantified below.

WLCP Lab Testing of Rn On 7-31-2013				
Pressure	Pressure	Time	Flow Rate	Run On
Static PSI	Dynamic PSI	4 Liters	l/min	Seconds
68	40	61	2.9508197	3
50	30	72	2.5	2.5
32	20	92	1.956217	2
Pressure measured at inlet line to unit. Static with unit closed. Dynamic with unit dispensing cold water.				
No filters were installed in unit.				

COLD WATER TROUBLESHOOT INDEX

1. Cold Water is not Cold 5°C ± -15°C (41° +/- 5° F)

1. Cold Water is not Cold 5°C ± -15°C (41° +/- 5° F)

Possible Reason	Solution
No power or refrigeration elements	Check that the Red Power and Compressor switch is on. Turn Red Power and Compressor Switch on. *I = ON*
Tank has run out of cold water. *Cold tank capacity is 4 liters for Tower and 2 liters for Counter Top.*	Wait for cold tank to chill water to temperature prior to dispensing more cold water. A greater capacity of ***Waterlogic*** Water Systems is available.
Cold Water Thermostat	Check continuity of thermostat with multimeter. Replace thermostat as required.
Refrigerant has run out	Run compressor for at least ten minutes. If condenser is not warm, then refill the refrigerant.
Compressor problem	If compressor is not running, repair or replacement is needed.