

Luckboil Floor Standing Water Dispenser (LB-RL01BS)

Instruction Manual



Please read this manual carefully before using.

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1.To Our Customers

Thanks for choosing our product LB-RL01BS. In order to use and maintain this product correctly, please read the manual carefully before using the product and keep the manual properly.

Please note: This item has cancelled the hot water function and UF membrane.

- (1). This is a vertical water dispenser, please place it on the ground firmly to avoid falling.

- (2). Operation conditions:
Water source: municipal tap water
Feed water pressure: 0.1MPa ~ 0.4MPa
Feed water temperature: 5-38°C
Altitude: <1500meter

- (3). Check the product from time to time to see if there is any leakage on the connections or any creepage on the wires. If the product fails, please cut off the water main and power supply immediately, and contact your dealer.

- (4).If this product won't be used for a long time, shut off the water supply and power off. If it hasn't been used for more than 3 days, drain off all the remaining water in tanks and flush the system for more than 5 minutes before putting it into use again.

- (5).This product is strictly forbidden to be operated by children and is designed for indoor use only. Do not use it in an explosive environment.

- (6). Every machine will be going through a water leakage test before packing. It is normal to have residual water stains.

- (7).Installation and maintenance should be performed by a professional. It's necessary to follow this instruction manual strictly, otherwise our company will not be responsible for any failure or consequence.

2.Packing List

Main Body	1 Set	Accessory Kit	1 Bag
PP Spun Filter	1 Piece	RO tube	3 Rolls
Block Carbon Filter	1 Piece	Instruction Manual	1 Piece
RO Membrane	1 Piece	Post Carbon Filter	1 Piece

3.General Information

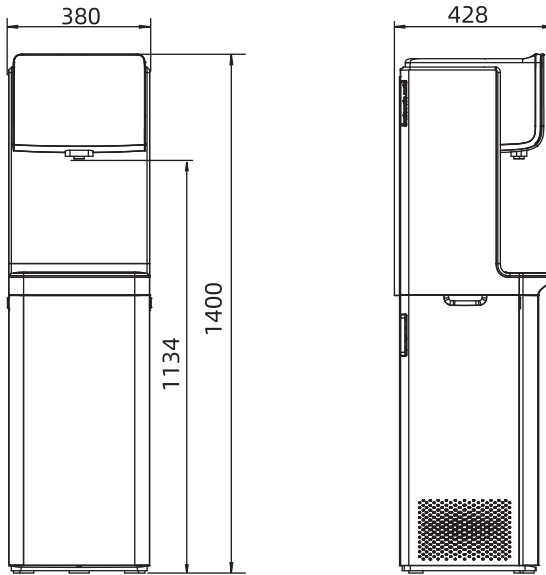
(1). Technical Parameters

Purified Water Flow	0.39L/min
Rated Power	650W
Heating Power	500W
Cooling Power	125W
Hot water production capacity	$\geq 5\text{ L/H}$ $\geq 90^{\circ}\text{C}$
Cold water production capacity	$>4.5\text{ L/H}$ $\leq 10^{\circ}\text{C}$
Voltage and Frequency	110/220V, 50/60Hz
Inlet pressure	0.1–0.4Mpa
Working pressure	0.4–0.8Mpa
Salt Rejection rate	$\geq 90\%$
Inlet Water Temperature	5–38°C
Feed Water	Municipal tap water

(2). Recommended installation places: office, club, hotel, airport, train station, etc.

(3). Function: Water dispenser with hot, cold and ambient water (Soda water for option)

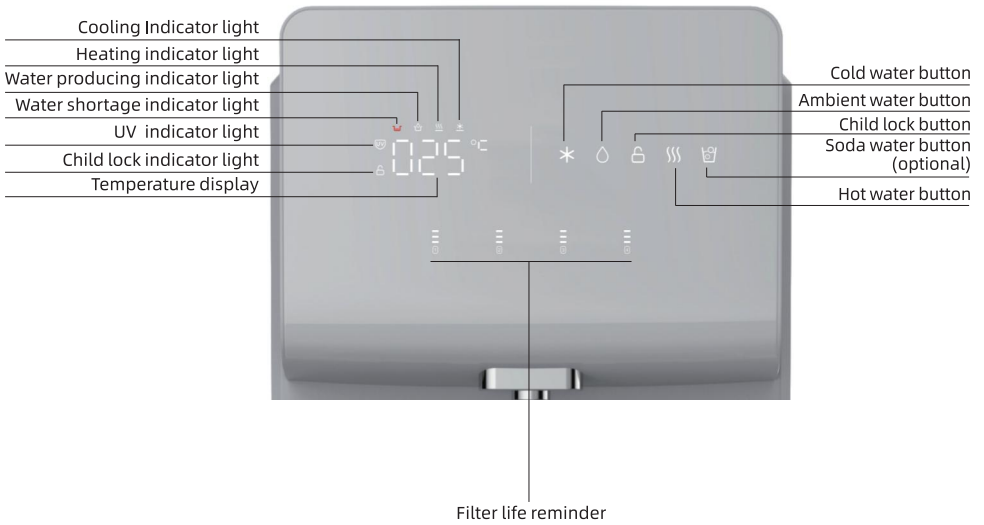
(4). Product dimension: 380(Width)*414(Depth)* 1399(Height)mm



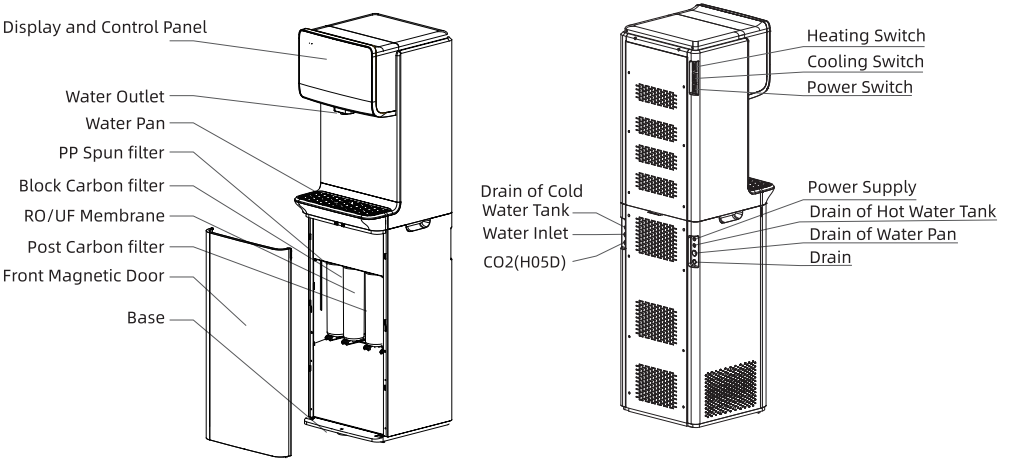
(5). Filters and Their Function

Filter Cartridges		Function
1st Stage	PP Spun Filter	Remove large suspended particles in water
2nd Stage	Block Carbon Filter	Further remove organics, chlorine, odor, color and turbidity
3rd Stage	RO Membrane	Remove bacteria, heavy metals, dissolved matters and salinity
	UF Membrane	Remove suspended particles, turbidity, bacteria and other harmful substances.
4th Stage	Post Carbon Filter	Adjust the taste of purified water
5th Stage	LED UV	Treat bacteria
Temperature Option		Ambient/Hot/Cold

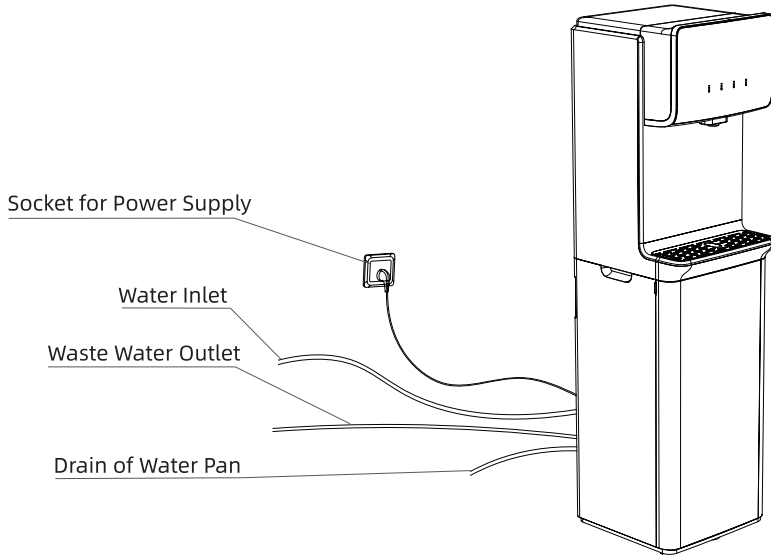
(6). Touch Panel Instruction



(7). Structure Instruction



4. How to Install



Installation Procedures

(1). Tools Required:

Cross screw driver

Adjustable wrench

Scissors

(2). Please check if the accessories are complete as Packing List mentioned.

(3). Installation Position Required:

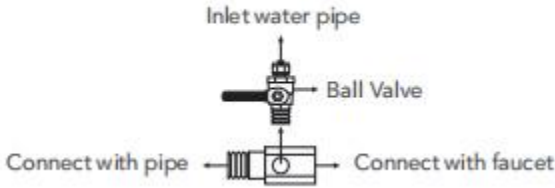
Close to 220V/110V socket

Close to municipal tap water source

Close to drain outlet, please note that the position of drain pipes should be at least 20cm lower than water pan, please refer to (7) of 3.

(4). Installation for Inlet Ball Valve and Tee Fitting.

- Install Tee Fitting and Feed Water Valve as per diagram below.
- Wrap threads of Feed Water Valve and Tee Fitting with Teflon tape.
- Connect White Feed Water tube from unit to Feed Water Valve.
- Install the Feed water valve Tee fitting, and then connect to source water.



(5). Cut RO tube flatly to appropriate length and prepare 2 pieces. Connect ball valve to water inlet port with one piece, and connect the drain to the waste water port with the other piece. Connect the silicon tube to the drain of the water pan or a bucket.

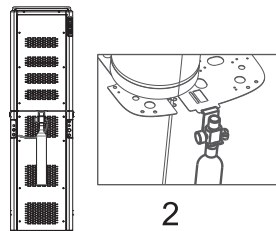
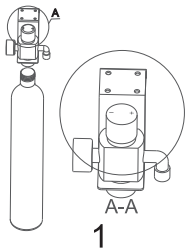
(6). Take off the front panel, install filter cartridges to water purifier according to the labels indicated above. After filters are installed, cover the front panel.

(7). First Use Instruction

- Open Inlet Ball Valve, connect power supply and power on, the machine will start producing water. During this period, the switch for heating should be off.
- After the machine completes water production (White light around the big button in the middle), cut off the power supply. Connect the silicon tube to "drain of hot water tank" and the other end to drain of the house or a bucket to drain out all the water in the tank.
- Power on again and make the machine to produce water and then drain out all the water in the tank after water production is completed. Repeat this process for 2 to 3 times to flush the machine. During this process, pay attention to all connections to see if there is any leakage.
- After flushing, take off the silicon tube and pack it up. Block the "drain of hot water tank".

(8)How to install CO2 bottle

- Keep the pressure to a minimum as shown in figure 1, then screw the pressure regulating valve to the CO2 bottle quickly. Hanging the CO2 bottle on the back of the machine as shown in figure 2 , insert the point of the gas pipe with the ball valve into the joint printed with "CO2" on the side plate. Open the ball valve.



5.How to Use

(1). Service Life of Filter Cartridges and Filter Change Reminder

RO System

(1) indicator light	Total service life:270 hours	
	Remaining life span 270-180 hours	≡
	Remaining life span 180-90 hours	==
	Remaining life span less than 90 hours	-
	Remaining life span 0 hour	① flashing
(2) indicator light	Total service life:270 hours	
	Remaining life span 270-180 hours	≡
	Remaining life span 180-90 hours	==
	Remaining life span less than 90 hours	-
	Remaining life span 0 hour	② flashing
(3) indicator light	Total service life:540 hours	
	Remaining life span 540-360 hours	≡
	Remaining life span 360-180 hours	==
	Remaining life span less than 180 hours	-
	Remaining life span 0 hour	③ flashing
(4) indicator light	Total service life:270 hours	
	Remaining life span 270-180 hours	≡
	Remaining life span 180-90 hours	==
	Remaining life span less than 90 hours	-
	Remaining life span 0 hour	④ flashing

The service life above is calculated when the machine is in the process of pure water production.

UF System

(1) indicator light	Total service life:90 days	
	Remaining life span 90-60 days	≡
	Remaining life span 60-30 days	==
	Remaining life span less than 30 days	-
	Remaining life span 0 hour	① flashing
(2) indicator light	Total service life:180 days	
	Remaining life span 180-120 days	≡
	Remaining life span 120-60 days	==
	Remaining life span less than 60 days	-
	Remaining life span 0 hour	② flashing
(3) indicator light	Total service life:180 days	
	Remaining life span 180-120 days	≡
	Remaining life span 120-60 days	==
	Remaining life span less than 60 days	-
	Remaining life span 0 hour	③ flashing
(4) indicator light	Total service life:180 days	
	Remaining life span 180-120 days	≡
	Remaining life span 120-60 days	==
	Remaining life span less than 60 days	-
	Remaining life span 0 hour	④ flashing

The service life above is calculated when the machine is at the time of switching on.

(2). Filter Life Reset and Temperature setting

SETTING MODE:

1.RO/UF/BARRELED WATER SYSTEM(hot water, cold water and ambient water version)

Touch both *  and hold down for 3 seconds to enter setting mode.



2.RO/UF/BARRELED WATER SYSTEM(hot water and ambient water version)

Touch both   and hold down for 3 seconds to enter setting mode.










3.RO/UF/BARRELED WATER SYSTEM (hot water, cold water and soda water version)

Touch both  * and hold down for 3 seconds to enter setting mode.

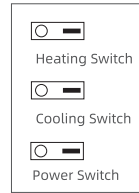
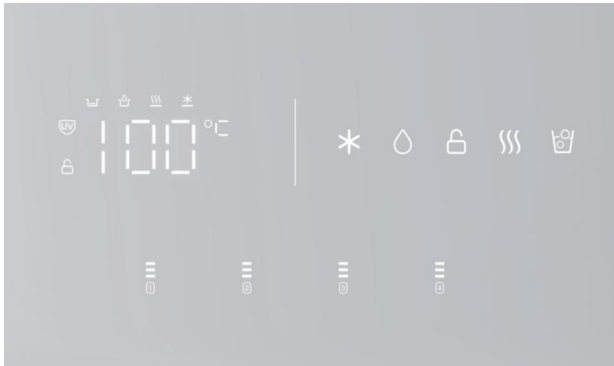
FILTER LIFE RESET:

After entrance of setting mode, touch  continuously to choose the indicator light of filter changed and the corresponding light will be flashing ,then touch * and hold down for 3 seconds to reset the filter. After the reset, touch both *  and hold down for 3 seconds to return to initial status.

Temperature setting (Only for hot and cold water):

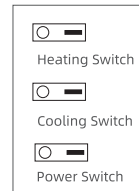
After entrance of setting mode, Then, touch  continuously and when the heating indicator light  starts flashing, touch  button to turn up the temperature and touch  to turn down the temperature to set the hot water temperature(Range of hot water: 50°C~93°C) . After that, touch  again, and when the cooling indicator light  starts flashing, touch  button to turn up the temperature and touch  to turn down the temperature to set the cold water temperature(Range of hot water: 3°C~15°C) . After the setting, touch both *  and hold down for 3 seconds to return to the initial status. (If without operation for 10 seconds, it will also return to the initial status automatically)

(3). How to Get Hot Water



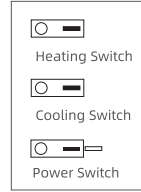
- Heating switch on (switch position will be from "O" to "-"), the machine will start heating.
- Touch the child lock button and then touch the hot water button to get the hot water.(The hot water status will be released for 3 seconds)
- Touch the hot water button again during the output to end the hot water output . The machine will conduct a 60-second hot water output if it's not ended manually.

(4). How to Get Ambient Water



- Touch the ambient water button to get the ambient water directly.
- Touch the ambient water button again during the output to end the ambient water output .The machine will conduct a 60-second ambient water output if it's not ended manually.

(5). How to Get Cold Water



- Cooling switch on (switch position will be from "0" to "-"), the machine will start cooling.
- Touch the cold water button to get the cold water directly.
- Touch the cold water button again during the output to end the cold water output . The machine will conduct a 60-second cold water output if it's not ended manually.

(6). How to Get Soda Water



- Touch the soda water button to get the soda water directly.
- Touch the soda water button again during the output to end the soda water output .The machine will conduct a 60-second soda water output if it's not ended manually.

(7). How to Flush

- The machine will conduct a 90-second flush every time it's power on.
- After the water production time reaches one hour, the machine will conduct a 10-second flush process.

(8). Memory

Even though the machine is power off, it will still record all data automatically, such as service life of filter, remaining life of LED UV sterilizer, mode of the machine, etc.

(9). LED UV Sterilizer

Brand new machine:

After water production completes for the first time, the LED UV will work for 150 minutes and this process can not be interrupted.

During daily use:

LED UV will be working for 60 minutes every 15 minutes.

(10). Power Saving Mode

If no any manual operation within 5 minutes, the machine will enter the Power Saving Mode. This mode only weakens the brightness of the light, it does not affect any other functions of the machine.

6. Trouble Shooting

Problem	Cause	Correction
All light indicators off	1.Power Supply Cord is not connected to power	1.Connect Power Supply Cord to socket
	2.Power Switch is off	2.Turn on Power Switch
	3.Circuit failure	3.Make sure that all wires are good and connected well
	4.Defective adapter	4.Contact your local dealer for a new adapter

Problem	Cause	Correction
Pink flashing light around "Water Outlet" button	1.Water inlet is off	1.Make sure all inlet valves are on
	2.Low feed water pressure	2.Increase feed water pressure
	3.Defective low pressure switch	3.Contact your local dealer for a new low pressure switch
	4.Defective electric control board	4.Contact your local dealer for a new electric control board
The machine is in water production mode but no water output	1.Filter cartridge blocked or not installed correctly	1.Replace the filters or install them correctly
	2.Defective input solenoid valve	2.Contact your local dealer for a new solenoid valve
	3.Floated switch damaged or blocked	3.Contact your local dealer for a new float switch or adjust its position
Machines does not heat	1.The machine started heating when hot water tank is empty, thus it shuts off the heating function for protection.	1.Reset the temperature switch
	2.Circuit failure	2.Check and repair circuit
	3.Defective Hot water tank	3.Contact your local dealer for a new hot water tank
	4.Defective electric control board	4.Contact your local dealer for a new electric controller
No soda water	1.Check the pressure gauge, if the hand of pressure gauge points to "0" .	There is no Co2 in the bottle please change one.
	2.If there is some Co2 in bottle and the ball valve is open.	Check the booster pump and the solenoid valve for soda water outlet

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Drink Easily, Enjoy Your Life