Owner's Manual

Countertop Reverse Osmosis
Water Filtration System

Model: Spryng Signature





EN

Please keep the manual for future reference.

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CONNECT

1. Before Installation 01

Inspect the Package 01

Specifcations 01

Precautions 02

Product introduction 02

Display Screen 02

2. Operation and Setting 03

First Time Usage 03

Dispense Water 05

Operational Guide 06

Filter Replacement Guide 08

3. Error Display 10

4. Troubleshooting 11

5. Maintenance 12

1. BEFORE INSTALLATION

Inspect the Package

Please take out the system and all the components from the box. Inspect them carefully according to "Product Introduction", and make sure nothing is missing or damaged during shipping. If any parts are cracked or broken, please do not proceed with installation, and contact us for an exchange.

Specification

Model	Spryng Essential CT100
Dimension (L*W*H)	23 (L)* 42(W)* 37.5(H)cm
Daily Production Rate	100 GPD
Feed Water Requirement	Municipal Tap Water
Rated Voltage	220V
Feed Power	55W
Rated Frequency	50Hz
Feed Water Temperature	4°C-38°C
Replacement Filter Models	Stage 1: FCR100+ Stage 2: SC90
Tank Capacity	Feed water tank: 4.5 L Pure Water Pitcher: 1.4 L

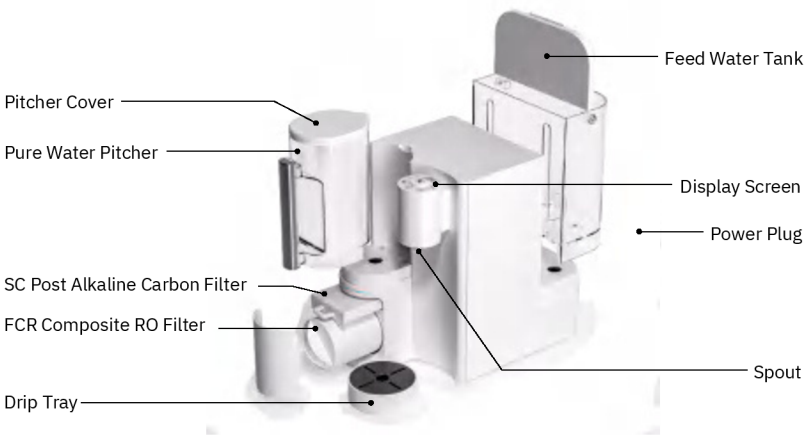
Note:

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after using of the system.

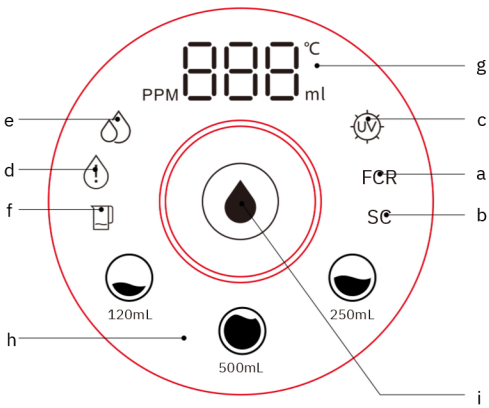
Precaution

1.Do not use it with water that is microbiologically unsafe or of unknown quality without adequate disinfection.
2.For cold water use only.
3.Do not freeze the filter, as this case cause cracking and water leakage.
4.Do not allow children under 3 years of age to have access to small parts during the installation of this product.
5.Testing was performed under standard laboratory conditions, actual performance may vary.
6.This installation must comply with all applicable state and local regulations.
7.Please flush the system for 3-5 feed water tanks for the first time usage.

Product Introduction



Display Screen





a. FCR Filter Life Indicator	b. SC Filter Life Indicator
-White: norma status	-White: normal status
-Flashing in red: replace soon	- Flashing in red: replace soon
-Red: replace now	- Red: replace now

c. UV Indicator	d. Change Water Indicator
-Light on: working	-Flashing: change the water in the feed water tank
-Light off: not working UVwillnotworkwhendispensing heated water ≥60°C	-Light off: no need to change water

e. Filtering Indicator	f. Pitcher Indicator
-Light on: filtering water	- Light on: pitcher is in place
-Flashing quickly: during manual flushing	- Flashing: pitcher is not in place
-Flashing slowly: pitcher is not in place	
-Light off: not filtering water	

g. TDS Display	h. Dispensing Volume Indicator
-The current outletTDS	-120/250/500 ml: the dispensing volume
	-Deselect: continuous water discharge for 1 litre

i. Dispense / Stop	j. Filtered Water Quality Indicator
- Tap to dispense	-Blue: The filtered water in the pitcher is within 24 hours
- Tap again to stop dispensing	-Red: The filtered water in the pitcher has been over 24 hours The system has not producedwaterinthepast24hoursand the pitcher has not been lifted.
	- Flashing: The pitcher is not in place
	-Off: The system is unplugged or in standby/sleep status

2. OPERATION AND SETTING

First Time Usage

Step1:
Please install the FCR RO filter and SC filter properly.
Put the pitcher in place.
Fill up the feed water tank with tap water, then put the tank in place.
Install the drip tray



Important: Please push the SC filter all the way in. Otherwise, the system cannot produce water.

Step 2:
Plug in the system, the system will start to filter water, "Filtering" light on.



Step 3:
When the "Filtering" light off, it means the pure water pitcher is full. Please discard the filtered water in the pitcher.



Step 4:
Put back the pitcher, the system will automatically start to produce water again.



Step 5:
Please repeat the "Step 2 - Step 4" until the "Change Water" indicator flashes. Please empty the remaining condensed water in the feed water tank first, and then refill the feed water tank with tap water.



1



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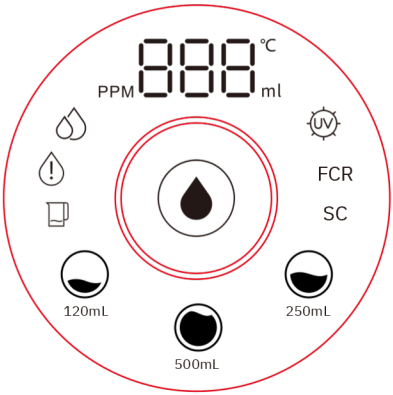


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Step 6:
The above "Step 1 - Step 5" is one round of system flushing process.
For the first time usage, please repeat the flushing process for 3-5 times.

Important: Please empty the remaining condensed water in the feed water tank before refilling. Adding water without this step will shorten the service life of filter cartridges.

Dispense Water



Step 1:
Select the dispensing volume (120/250/500 ml).
For continuous dispensing, please deselect the volume button.



Step 2:
Tap to dispense water.



Tips:

Continuous Dispensing: Deselect the volume button.
The maximum dispensing volume is 500ml.

Stop Dispensing: Touch  again to stop dispensing water.

Operational Guide

Change Water



"Change Water" indicator flashes when:

A. The water in the feed water tank is below minimum water level.

B. The water in the feed water tank has been over 48 hours.

C. The feed water tank is not installed properly.

Important: Please empty the remaining water in the feed water tank first before reflling. Adding water without this step will shorten the service life of filter cartridges.

Filtering

"Filtering" light on, the system is fltering water. "Filtering" light off, water production is done. When lift the pitcher and put it down again, the system will start to filter water automatically. When the pitcher is in place, the system will automatically start to filter water after 60 seconds of continuous water dispensing.

Flushing

- Automatic Flushing:

  a.the system will automatically flush for 10 secs before and after each water production.

  b.when the pitcher is full, the system will automatically flush for 60 secs after changing the water.

  c.the system will automatically pulse flushing 2 times every 2 minutes during water production.

- Manual Flushing: long press the 

and  for 3 seconds, the system will beep and flush for 3 minutes.

- Exit Flushing: long press the 

and  for 3 seconds again, the system will beep and exit the flushing mode.

Note: Manual flushing cannot be performed when the pitcher is full.

TDS Display

TDS reading will show up when the system is in standby status.The number on the panel is the TDS result after each water production.

One Click Emptying

- Enter emptying process: Long press the 120mL and 500mL and for 3 seconds, the panel will start to flash. Touch to empty the water inside the pitcher and internal water circuit.



("888" and dispensing button flash)

- Exit emptying process: Long press the 120mL and 500mL and for 3 seconds again to exit one-click emptying mode.

Standby Status

After dispensing water, the machine returns to standby status if no operation within 30 seconds. All indicators light off and the TDS reading shows up. Touch any button to wake up the interface

Sleep Status

The system will enter sleep status if there is no operation within 5 minutes. All indicators light off. Touch any button to wake up the interface.

Filter Life Reset

- To reset FCR filter life: Long press the and 250mL for 3 seconds, the system will beep, reset is done.
- To reset SC filter life: Long press the and 120mL for 3 seconds, the system will beep, reset is done.

Filter Replacement Guide

The CT100 Countertop Water Filter System requires care and cleaning after a period of time. It is recommended to change the cartridge according to corresponding time intervals in the table below.

Filter Cartridge No.	Replacement Filter Cartridge	Expected Lifespan
FCR100+	FCR: Composite RO Filter	1 Year
SC90	SC: Post Carbon Filter	90 days

Note: All the service life of the filter cartridge listed are based on actual laboratory test and the provided water. The actual service life of filter cartridge depends on source water quality and daily water usage.

Filter Life Reminder

FCR/SC Indicator	Light	Filter Status	Remaining Life
	White	Normal	>10%
	Flash in red	Replace soon	<10%
	Red	Replace now	Expired

Filter Replacement Instruction

Step 1: Cut off the power supply, take off the filter cover.



Step 2: Take out the cartridge needs to be replaced and load the new filter cartridge.

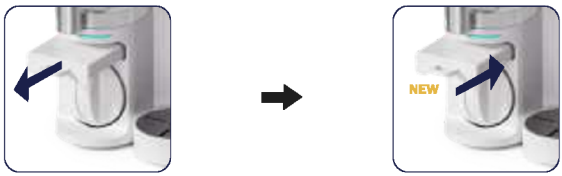
To replace FCR Filter



Turn the old filter counterclockwise

Turn the new filter clockwise

To replace SC Filter



Pull out the old filter

Push the SC filter to the very end

Important: Please push the SC filter all the way in. Otherwise, the system cannot produce water.

Step 3: Plug in the system, please flush the new cartridge for 3-5 feed water tanks.





(Refer to "First Time Usage")

Step 4: Reset filter life

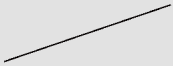
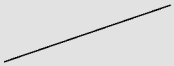
To reset FCR filter life:

Long press the and 250mL for 3 seconds, the system will beep, reset is done.

To reset SC filter life:

Long press the and 120mL for 3 seconds, the system will beep, reset is done.

3. ERROR DISPLAY

Display	Issue	Function Failure	Solution
E2	Flow meter out of water or pump out of water	Cannot dispense heated water	Please check if the tank is out of water.
E5	Ice alarm	Cannot dispense water	Please do not add feed water below 1°C.
EU	Communication failure	No response from the screen button	1.Please re-plug in the system. 2.If the issue cannot be solved, please contact customer service team.
H2	Voltage sensor failure		1.Please re-plug in the system. 2.If the issue cannot be solved, please contact customer service team.
H4	Ultra High Temperature	Cannot dispense water	Please check if there is water in the tank, and leave the system to cool down.
H5	Water production timeout	Cannot produce RO water	1.Please re-plug in the system. 2.If the issue cannot be solved, please contact customer service team.
H8	Liquid level sensor failure		1.Please re-plug in the system. 2.If the issue cannot be solved, please contact customer service team.

4. TROUBLESHOOTING

Fault	Possible cause	Solution
Cannot dispense room temperature water	The system is not powered up.	Please check whether the power plug is loose or not plugged in.
	"Change Water" indicator flashes, the feed water tank is short of water.	Please empty the feed water tank first, and then fill up the tank with tap water.
	The pitcher is out of water.	Please wait until the pitcher has enough filtered water to dispense.
	Touch panel is damaged.	Please contact customer service team.
Does not process water	Filter cartridges are not installed properly.	Unplug the system, and re-install the filter cartridges properly.
	"Change Water" indicator is flashing.	Please empty the feed water tank first, and then fill up the tank with tap water.
	Feed water tank or pitcher is not in place.	Please make sure the feed water tank and the pitcher are in place.
Water leakage	Water is spilling out from the drip tray.	Please empty the drip tray regularly.
	Water is leaking from the system inside.	Please unplug the system and contact customer service team.
	Water is leaking from the filter cartridges.	Unplug the system, and re-install the filter cartridges properly.
	"Pitcher" indicators flashes, the pitcher is not in place, water is leaking from the pitcher when filtering water.	Please put the pitcher in place.
The filtered water tastes weird	The filter cartridges have not been fully flushed.	Please flush the system for 3-5 feed water tanks before starting to use (Refer to "First Time Usage").
	The system has not been used for a long time.	Please flush the system for 3-5 feed water tanks before starting to use (Refer to "First Time Usage").
	The filter cartridges are expired and have not been replaced in time.	Please replace the corresponding filters in time (Refer to "Filter Replacement Guide")
No response from the screen button	The screen is damaged.	Please contact customer service team.

5. MAINTENANCE

- If you have not used the system for a minimum of 2 days:

  It is suggested that you discard the feed water tank's remaining water, and discard the first two pitchers of RO water before starting to use it again.

- If the system will not be used for more than 1 week:

  please empty the remaining water in the feed water tank and the pitcher. Please unplug the system, seal the filter cartridges and store them in the refrigerator but do not put them in the freezer. Before the next use, please flush the system for 3-5 feed water tanks (Refer to "First Time Usage").

- Clean the drip tray regularly (Once a week is highly recommended) to avoid bacteria and residual water outflow.

- Replace the filter cartridge regularly according to the filter life indicator.

How to clean the feed water tank?

During the daily water change, it is recommended to clean the feed water tank regularly (Once a week is highly recommended).

Use a descaling agent (such as citric acid) to soak the feed water tank for 30 minutes every month and then clean it. Do not use organic solvents such as alcohol to wipe it.

Do not use steel wool, abrasive cleaner, or corrosive liquid such as gasoline or acetone.

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