



Waterdrop WD-A1 Countertop Reverse Osmosis System Installation Guide

[Home](#) » [Waterdrop](#) » [Waterdrop WD-A1 Countertop Reverse Osmosis System Installation Guide](#) 

Contents

- [1 Waterdrop WD-A1 Countertop Reverse Osmosis System](#)
- [2 Product Information](#)
- [3 Specifications](#)
- [4 Main Parts](#)
- [5 User Interface \(Water Dispensing Interface\)](#)
- [6 Instructions](#)
- [7 Installing the Filter](#)
- [8 Flushing the New Dispenser](#)
- [9 Water Dispensing](#)
- [10 Documents / Resources](#)
 - [10.1 References](#)
- [11 Related Posts](#)



Waterdrop WD-A1 Countertop Reverse Osmosis System



Product Information

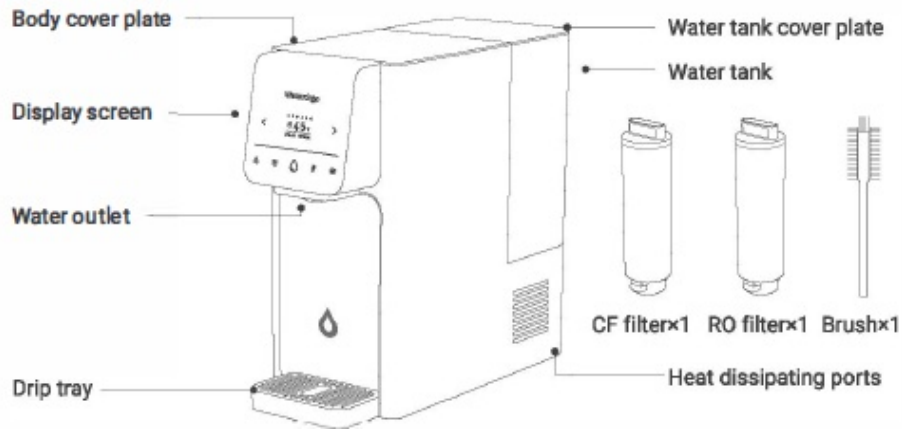
Please refer to Instruction Manual for details.

Specifications

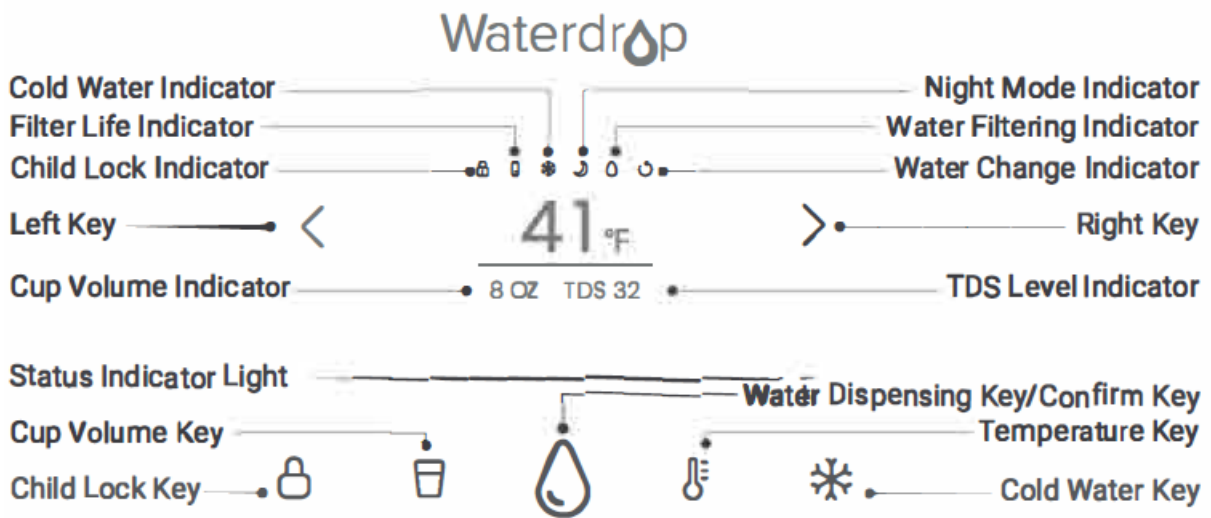
- Product model WD-A1
- Dimensions (L *W*H) 18.3"*7.8"*17.1"
- Outer water tank volume 1.06 Gal feed water tank+0.48 Gal waste water tank
- Inner water tank volume 0.2 Gal purified water tank+0.26 Gal cold water tank
- Rated voltage 110~120V/AC
- Rated frequency 60 Hz
- Rated power 1,700W
- Heating power 1,600W
- Refrigeration power 90W
- Feed water requirement Municipal tap water
- Water temperature requirement 41-100 °F/5-38 °C
- Daily production rate 100GPD
- TDS requirement for feed water TDS<500

NOTE: Do not use this dispenser with microbiologically unsafe water or water of unknown quality if there is insufficient disinfection before or after us.

Main Parts











User Interface (Water Dispensing Interface)










NOTE: The images in the manual, including the dispenser, accessories, and user interface, are for reference only and may not reflect the exact appearance. As the product is subject to updates and improvements, slight differences may exist between the actual product and the images shown. Please refer to the actual product for accurate information.

Indicator

Indicator	Status	Dispenser Status
	Flashes	Please unlock it before dispensing hot water.
	Stays on	The child lock is on. Please disable the child lock to dispense hot water.
	Off	The child lock is off, or unlocking is not required because hot water is not dispensed in this mode
	Flashes	The filter is near expiration.
	Stays on	The filter has expired.
	Off	The filter is in normal use.
	Flashes	Water cooling is in progress.
	Stays on	Cold water is available for dispensing.
	Off	Cold water is unavailable for dispensing.
	On	The night mode is on, but the water cooling and filtering functions still run since it is not the designated hour.
	On	The dispenser is currently in night mode. This limits the water cooling and filtering functions.
	Off	The night mode is off.
	Flashes	The purified water tank is low on water, and dispenser is waiting to filter water.
	Stays on	The dispenser is filtering water.
	Off	There is sufficient water, and the dispenser can dispense water as expected.
	Flashes	The feed water tank is low on water, or the waste water tank is full. Please refill the feed water tank or discard the waste water promptly.
	Off	The dispenser is functioning normally, and there is no need to change water.

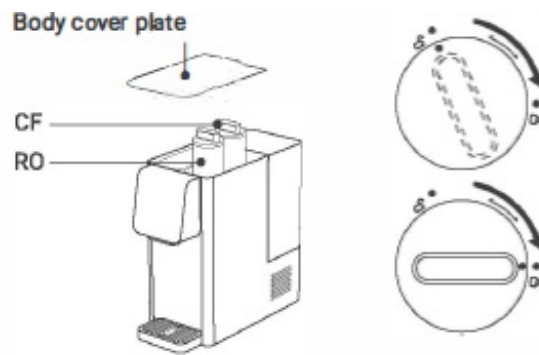
Instructions

Icon	Key & Functions
	<p>Child lock: Press this key for a second to disable the child lock and dispense hot water with a temperature of 113°F or above. Press and hold this key for 5 seconds to cancel the child lock. Press and hold it for another 5 seconds to recover it.</p>
	<p>Cup volume key: Tap the key on the water dispensing interface to choose the desired water volume, such as 4 oz, 8 oz, 16 oz, 20 oz, or MAX. Tap the key while on the menu interface to quickly go back to the water dispensing interface.</p>
	<p>Water Dispensing Key/Confirm Key Tap this key while in standby mode to activate the dispenser. To dispense water, tap this key on the water dispensing interface. To confirm the selected settings, tap this key in the menu settings interface.</p>
	<p>Temperature Key: Tap this key while on the water dispensing interface to choose the desired water temperature, such as cold water, ambient water, 113°F, 140°F, 185°F or 203°F. Tap this key once while on the menu interface to quickly go back to the water dispensing interface.</p>
	<p>Cold water key: You can quickly access the cold water dispensing mode by tapping this key from the water dispensing interface or menu interface. Press and hold this key for 5 seconds to cancel cooling. Press and hold it for another 5 seconds to recover it.</p>
	<p>Left key: Tap this key on the water dispensing interface to check notifications, filter life, operating instructions, and more. On the menu interface or notifications interface, tap this key to switch between available options.</p>
	<p>Right key: Tap this key on the water dispensing interface to check function settings. Tap this key on the menu interface or notifications interface to switch between available options.</p>

Quick Start Guide

- This dispenser has an inbuilt compressor cooling system. Maintain a space of 20 cm/8 in on both sides of the dispenser for efficient heat dissipation.
- The cooling function will not be active for the first two hours after switching on the dispenser.
- This is necessary to protect the compressor.
- The dispenser's cooling function will turn on by default after two hours of the initial power-on. You can press and hold the cold water key for five seconds on the water dispensing interface to turn off the function, and you can turn it on using the same method.
- When the cooling function is turned on, the dispenser's compressor operates intermittently to ensure energy efficiency and a consistent cold water supply.
- Please note that it is normal for the compressor to make a sound during its operation.

Installing the Filter



1. Step 1

Take out filters from package and remove the wrapping.

2. Step 2

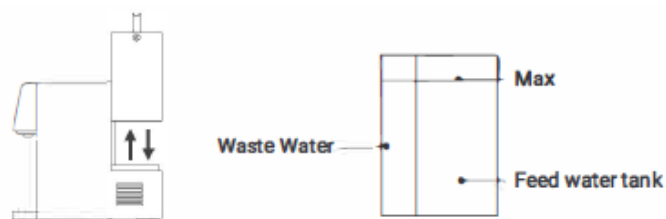
Align the marks on the filter and dispenser as shown, then insert the filter into the designated bucket.

3. Step 3

Gently press and rotate the filter handle clockwise until it locks in a horizontal position with a icon. And make

sure the  icons on the filter and dispenser are aligned.

Adding Water to the Tank



1. Step 1

Remove the water tank cover plate, and pick up the water tank in an upward direction.

2. Step 2

Fill the feed water tank with tap water.

3. Step 3

Place the water tank back into the dispenser, and cover it with the plate.

4. Step 4

Push down on the water tank to secure it in place.


NOT

- The large compartment is the feed meter tank for tap water, while the small one is the waste water tank for concentrated water (unsuitable Rx drinking), Please do not add tap water to the waste water tank.
- When adding water, ensure it does not exceed the maximum water mark to prevent overflow.


Flushing the New Dispenser

It is necessary to perform a flushing process on a new dispenser before normal use. Flushing takes about 30 minutes and 3-4 tanks of water (about 3.2 Gal) in total.

1. Step 1


When the dispenser is turned on for the first time, tap the confirm key  until the interface displays as shown.

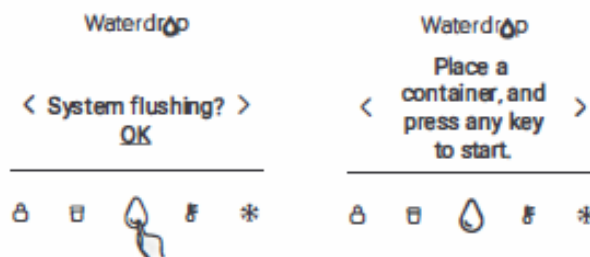
2. Step 2

After adding enough water to the feed water tank, tap the confirm key  once. Then place a water container larger than 0.8 Gal on the drip tray, and press any key to start flushing.



3. Step 3

The dispenser will automatically filter and dispense water during flushing. Tapping any key on the interface will pause the process. To resume, tap the confirm key .

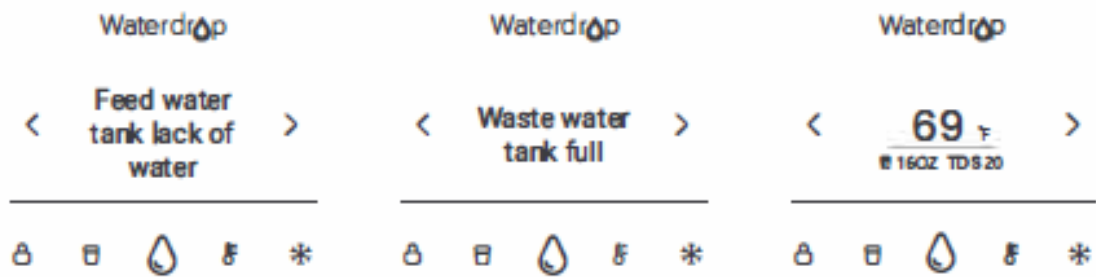


4. Step 4

When the indicator (I) "lights up, and the interface shows as indicated, it means the dispenser is due for a water change. Please empty the concentrated water, refill the feed water tank with tap water, and return the tank into the dispenser.

5. Step 5


Flushing is complete, and the new dispenser is ready for regular use when the interface displays as shown.



Daily Usage

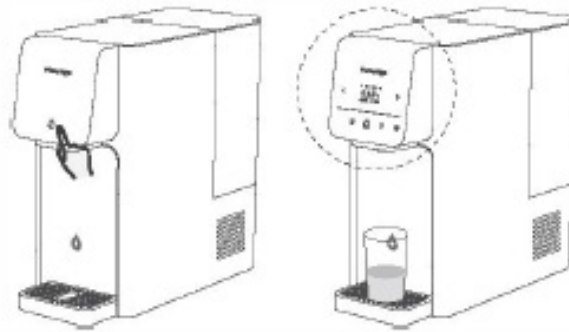
Water Dispensing

1. Step 1

Tap the “ icon to activate the interface while the dispenser is in the screen-off state. S

2. step 2

Place a container or cup on the drip tray, the dispenser will automatically detect it, and the interface will light up.



3. Step 4

The temperature key” 8= ·to select the desired water temperature: cold water (106-122°F/41-50°C), ambient water (real-time temp), 113°F/45°C, 140 ° F/60°C, 185°F/85°C or 203°F/95°C.

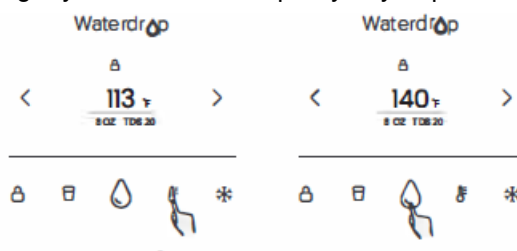


4. Step




Tap the water dispensing key· 0 “to get your water, and tap any key to pause it.

5. Step 5

Tap the water dispensing key· 0 “to get your water, and tap any key to pause it.



About the water temperature

- To select a temperature of 113°F or higher, press and hold the child lock  key.
- for 1 second to disable the child lock, and then tap the water dispensing key” 
- Tap the cold water key”  to quickly access the cold water. Select the desired volume, place a container, and tap the dispensing key” O to start. Pause by tapping any key during dispensing.

About the status indicator light

The color of the status indicator light will vary based on the water temperature

NOTE

- Due to the heating power limitation⁵ and the temperature of the feed water, increasing the desired dispensed water temperature Will result In a lower flow rate.
- The temperature of the feed water tank directly Impacts the dispensing temperature of room temp water and the flow rate of hot water.

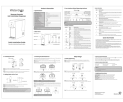
Additional Functions

- **Routine Flushing:** Please refer to Page 7 of the Instruction Manual for details.
- **Filter Resetting:** Please refer to Page 8 of the Instruction Manual for details.
- **Night Mode:** Please refer to Page 9 of the Instruction Manual for details.
- **Off-home Mode:** Please refer to Page 9 of the Instruction Manual for details.
- **Time Setting:** Please refer to Page 10 of the Instruction Manual for details.
- **Boiling Point Correction:** Please refer to Page 10 of the Instruction Manual for details.

Manufacturer Technical Support

- **Tel:** 7-888-352-3558 (U.S.)
- **E-mail:** service@waterdropfilter.com

Documents / Resources

	<p>Waterdrop WD-A1 Countertop Reverse Osmosis System [pdf] Installation Guide WD-A1 Countertop Reverse Osmosis System, WD-A1, Countertop Reverse Osmosis System, Reverse Osmosis System, Osmosis System, System</p>
-------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

References

- [User Manual](#)

Manuals+.