COUNTERTOP
WATER DISTILLER

Model No. W 10000 Series

USE & CARE GUIDE

To prevent personal injury or property damage, read and follow the instructions and/or warnings in this use and care guide.

Congratulations!

Your decision to purchase a countertop water distiller is an intelligent choice in providing the best for you and your family. Your distiller will provide cleaner, good tasting water for drinking and for making juices, coffee and tea. You can be confident of the quality of the water you use for cooking, watering plants, and for appliances requiring distilled water. Your countertop distiller will provide you with peace of mind, knowing you have a durable appliance capable of reducing many impurities which can be found in tap water. With minimum maintenance your distiller will provide convenient, trouble-free operation.

Distillation… naturally dependable!

Using nature's own design for recycling water, distillation reduces impurities through the process of evaporation and condensation. As the water is heated it turns into vapor which rises, leaving most impurities behind in the boiling chamber or discharged through the volatile gas vent. As the water vapor cools, it condenses into a liquid state. A final polishing takes place as the water passes through the post carbon filter. The result? Water quality that is naturally dependable for you and your family.

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IMPORTANT SAFEGUARDS

Use electricity safely and wisely. Observe safety precautions when using your water distiller, including the following:

- Read all instructions before using.
- Do not run distiller without water in the boiling chamber. Permanent damage to the boiling chamber could occur.
- Make sure the water bottle is properly placed, with its cap removed, on the base of the distiller chassis immediately after starting the machine.
- Do not remove the water bottle or the boiling chamber while the distiller is r unning.
- No part of the distiller should be moved while the distiller is in operation.
- Always allow the boiling chamber to cool before removing it from the distiller.
- Do not let the cord touch hot surfaces or hang over the edge of a counter or table.
- Do not use the distiller if it or its cord is damaged or not working pr operly. Return the unit to your authorized distributor for examination and/or repair.
- Avoid using extension cords.
- Your distiller , its boiling chamber , cord and plug should not be immersed in any liquids, placed near a hot gas or electric burner or in a heated oven.
- This appliance is not intended for and should not be used by children or infirm persons without supervision. Children should be supervised during distiller operation to ensur e proper safety.
- Do not use the distiller outdoors.
- Use your distiller only for the uses described in these instructions.

SAVE THESE INSTRUCTIONS

Keep your distiller clean and change filter as recommended for ultimate performance. Do not attempt to repair the distiller yourself. If servicing should become necessary, please contact your authorized distributor.

SPECIFICATIONS

The distiller is designed and intended for household use only.

This system conforms to the WQA S-400 standard for the stated performance claims. The product water production rate is 1 gallon per 4 hours and has the product water storage capacity of 1 gallon.

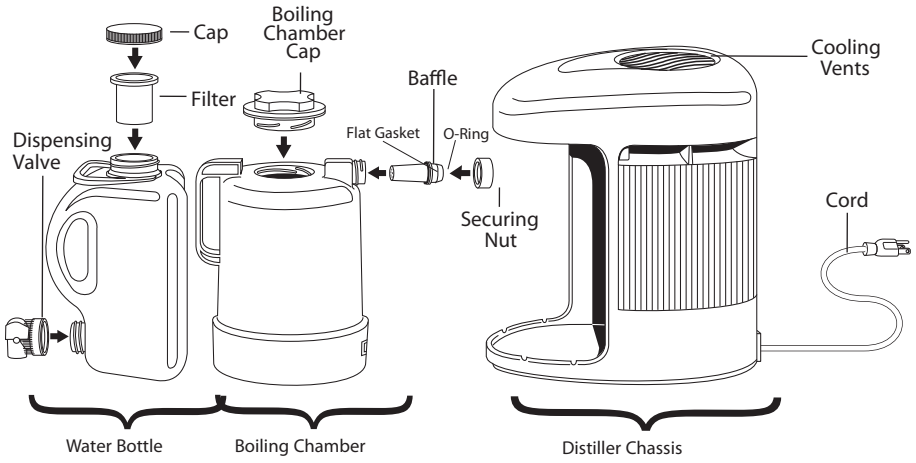
Model/Series W10000#. Maximum Production rate: 5.5 U.S. gallons per day

Model	Volts=V	Hertz=Hz	Watts=W	AMPS	Cycle Time (hours)	Operation Temperature
W10120	120 V	60 Hz	750 W	6 AMPS	4.25	40°F-110°F (5°C - 45°C)
W10241 W10242 W10247	V50	Hz750	W3	AMPS	4.25	40°F-110°F (5°C - 45°C)

Electric Cord Statement

CAUTION: Your distiller has a short cord as a safety precaution to prevent injury or property damage resulting from pulling, tripping or becoming entangled with the cord. Do not allow children to be near this distiller without close adult supervision. If you must use an extension cord with this distiller, the cord must be arranged so that it will not drape or hang over the edge of a countertop or tabletop where it can be pulled on by children or tripped over. To prevent electric shock, injury or fire, the electrical rating of the extension cord you use must be the same as or more than wattage of the distiller (wattage is indicated on the bottom of the distiller). Plug distiller into rated voltage AC grounded electric outlet ONLY (rated voltage found on bottom of product). The cord has a three-prong plug which mates with a standard three-prong grounded wall outlet. Do not cut or remove the third prong from the plug. If an adapter is used, be sure adapter wire and wall outlet are grounded. If there is any doubt as to whether the outlet is properly grounded, check with a licensed electrician. Unplug the distiller when not in use.

CAUTION: To prevent personal injury or electric shock, do not immerse the distiller, boiling chamber, its cord or plug in water or any other liquid.



PREPARE YOUR DISTILLER

Before using your distiller for the first time, please follow the steps below.

CLEAN THE WATER BOTTLE

First, make sure the dispensing valve is installed and tightened onto the water bottle. Then fill the water bottle about ¾ full with water. Add one or two drops of dish detergent to the water. Do not install the carbon filter at this time. Seal the bottle's top opening with the cap supplied. Shake the bottle vigorously and then drain. Rinse the bottle thoroughly to remove all of the detergent.

NOTE: Do not allow the soap/water mixture to remain in the water bottle for long periods of time. Do not use the water bottle to store liquids other than distilled water . Liquids other than distilled water may transfer a taste or odor to the water bottle.

TO SANITIZE WATER BOTTLE

Add 4 ¾ ounces (150 ml) of 3% hydrogen peroxide solution (H_2O_2) to the water bottle. Fill the bottle with hot (160˚F/71˚C) distilled or tap water. Do not install the carbon filter at this time. Cap the water bottle and shake the vigorously. Let stand for twenty minutes then drain thoroughly. Rinse with room temperature distilled or tap water, then drain. Water bottle may be used immediately or allowed to air dry.

PREPARE THE CARBON FILTER

To prepare the carbon filter, place it in boiling water for five minutes. Drain excess water from filter . Place the filter into the water bottle. The same cleaning process should be used whenever a new replacement filter is installed. The

boiling process will remove any carbon dust that formed as a result of shipping. It will also remove any air bubbles present in the carbon. Failure to complete this step may result in water not flowing through the filter cup.

NOTE: The filter cup should be replaced every two months or whenever an undesirable taste is detected in the distilled water.

Your distiller is now ready for use.

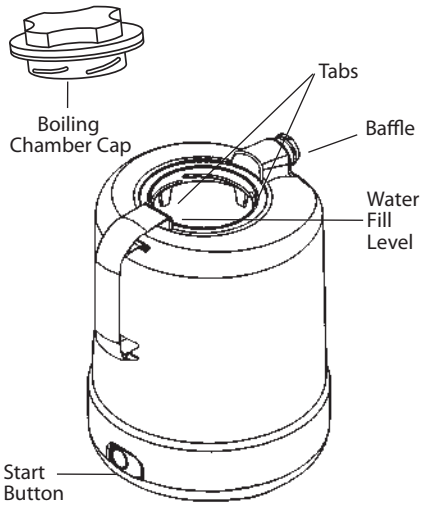
NOTE: Be sure to place the distiller in a location that provides adequate ventilation during operation, with at least 4 inches (10 cm) of clearance to the sides and back, and 3 inches (8 cm) to the top of the unit. Do not operate the distiller in an enclosed area such as a cupboard or cabinet. The distiller must be operated in air temperatures of 40˚F-110˚F (5˚C-45˚C).

INSTRUCTIONS FOR MAKING DISTILLED WATER

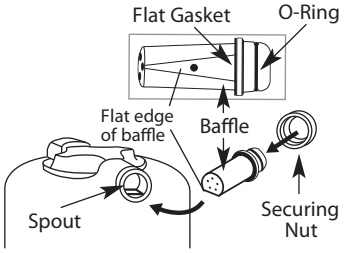
1. Place the distiller on a dry, level surface in a well ventilated area. Plug the cord into a properly grounded rated voltage AC electrical outlet ONLY.
2. Remove the boiling chamber from the distiller by grasping its handle and pulling it straight out of the distiller chassis. Do not lift up when pulling the boiling chamber out of the chassis.

CAUTION: To prevent personal injury, burn and/or scald injury, do not remove the boiling chamber until i t has cooled completely.

3. Remove the boiling chamber's cap by turning it counterclockwise. Note the four tabs at the base of the boiling chamber's fill opening.
4. Fill the boiling chamber with cold tap water to the bottom of the four tabs which equals 1 gallon (4 liters) . Do not over fill the boiling chamber . Overfilling the boiling chamber may result in leakage, electrical failure, electrical hazard, or damage to the distiller.
5. Replace the boiling chamber's cap by turning it clockwise.
6. Make sure the baffle is in place and its securing nut is tightened. To do this, insert the long end of the baf fle, flat side down into the spout and secure with the nut. The hole on the flat side of the baffle should be facing down. It is important that you tighten

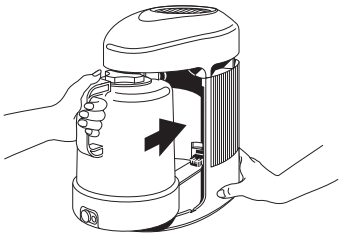


the securing nut, with baffle properly in place, onto the boiling chamber before each use. Failure to properly secure the baffle and nut may result in leakage or early shut off of the distiller.

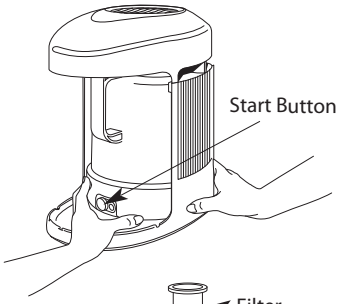


7. Wipe off any water on the outside and bottom of the boiling chamber and around the electrical connection.

8. Slide the boiling chamber into the distiller chassis and press firmly to ensure that it is properly placed. It is important that the boiling chamber be pressed firmly into the distiller chassis. It is recommended that you place one hand on the back of the distiller chassis and push the boiling chamber into the chassis with the other hand. To ensure that a tight electrical connection is made, also press on the base of the boiling chamber near the start button.

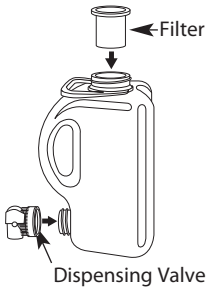


CAUTION: To prevent personal injury or property damage the boiling chamber must be fully engaged prior to start-up.



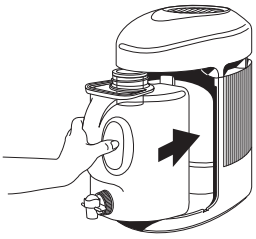
9. Press the "start" button at the base of the boiling chamber .

   NOTE: The button will glow when the boiling chamber is heating; however, the light will go out, and the boiling chamber will stop heating if electrical power to the boiling chamber is interrupted or stopped. If this occurs, press the start button again to restart the distillation cycle.



10. The cooling fan will not start immediately. A delayed fan startup feature has been included in your distiller. The fan will start once the boiling chamber has reached a pre-determined temperature, approximately 30-40 minutes after starting the cycle.

11. Place a prepared carbon filter (see page 4) into the opening at the top of the water bottle. Do not install cap onto water bottle. The bottle must be left uncapped to allow water to enter it from the distiller.



12. Make sure that the dispensing valve is securely tightened onto the water bottle.
13. Place the water bottle on the base of the distiller chassis. The base of the distiller chassis has raised edges to assist in positioning the water bottle properly.

    NOTE: Do not remove the water bottle while the distiller is running.
14. At the end of the distillation cycle (about 4 to 4 ½ hours), the distiller will shut off automatically and the "start" light will go out. The fan will continue to operate for several minutes. Let the distiller cool completely before removing the boiling chamber from the chassis.
15. Unplug cord from wall outlet when not in use.

    NOTE: Approximately 8 ounces (240 ml) of water will remain in the boiling chamber at the end of the distillation cycle. This feature reduces scale deposits in the boiling chamber .

CAUTION: To prevent personal injury, burn and/or scald injury, do not remove the boiling chamber while the start button is illuminated or at any time when the boiling chamber is hot. Always unplug the distiller from the wall outlet and allow the boiling chamber to cool completely before removing it from the distiller.

NOTE: The water bottle has been designed to hold one gallon (4 liters) of water and to provide enough space so that the carbon filter does not remain in contact with the distilled water . Therefore, the water bottle will not fill completely.

Once the distillation cycle is complete, the water bottle may be placed in the refrigerator and used to dispense the distilled water. The filter may be left in the water bottle or removed and stored until the next cycle of the distiller is run. Secure the cap onto the water bottle to avoid spilling. The cap must be opened slightly before dispensing water. It is recommended that the water bottle NOT be placed in a freezer as the handle may become brittle and crack.

CLEANING INSTRUCTIONS

CAUTION: To prevent personal injury or electric shock, do not immerse the distiller, its boiling chamber, cord or plug in water or other liquid.

Do not use alkaline cleaning agents when cleaning. Use a soft cloth and mild detergent.

BOILING CHAMBER

Rinse the boiling chamber after every distillation cycle once the unit has cooled completely . Remove the baffle by unscrewing its securing nut. Inspect the baffle for scale deposits. Half fill the boiling chamber with tap water , agitate and discard the water. The water may be drained through the spout. Securely reinstall the baffle and securing nut.

It is important to wipe off all water deposits inside the distiller chassis, on the base of the chassis and also all water deposits on the outside bottom of the boiling chamber between each distillation cycle. If this is not done, corrosion of the distiller or electrical hazard may occur or it may cause the distiller to shut off early, before producing a full gallon of water.

Heavy scale deposits should be removed from the boiling chamber whenever they exceed 1/16 of an inch (.16 cm). Add enough plain white distilled vinegar to the boiling chamber so that the scale deposits are covered. Allow the vinegar to stand for at least twenty minutes and then discard. Rinse the boiling chamber. Repeat this process if necessary. Do not heat vinegar in boiling chamber. A descaler or coffeemaker or kettle cleaner may also be used to clean the boiling chamber .

WATER BOTTLE

To Sanitize Water Bottle: It is recommended that this be done whenever an undesirable taste is detected in your distilled water. See page 4 under Prepare Your Distiller for instructions on sanitizing the water bottle.

OUTSIDE SURFACES

Use a common household glass or appliance cleaner or a damp soft cloth to clean the distiller' s outside surfaces. Do not use abrasive or solvent based cleaners. Do not spray cleaning products directly onto the distiller .

The distiller's cooling system vents (see diagram on page 4) should be vacuumed occasionally or cleaned with a soft brush to remove dust and debris. Failure to do so may cause the distiller to overheat, shut off early , or emit a foul odor.

CARBON FILTER

Your distiller comes with a disposable filter cup. The filter cup should be replaced every two months or whenever an undesirable taste is detected in the distilled water. See page 4.

NOTE: Underwriters Laboratories Inc., has not investigated the physiological effect of the use of the carbon filter , beneficial or otherwise.

TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
Start button does not light up.	Distiller is not plugged in.	Plug the distiller into a rated voltage outlet.
	Boiling chamber is not fully inserted.	Make sure the boiling chamber is placed pr operly. See #8 on page 6.
Start button lights up, but fan does not start.	The fan's delayed start system has not yet activted the fan.	Wait at least 1/2 hour for the fan to start.

TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
Distiller does not operate.	Distiller is not plugged in.	Plug the distiller into a rated outlet.
	Outlet is defective or fuse or circuit breaker has tripped.	Check fuses or circuit breakers or call a licensed. electrician.
	Electrical power has been interrupted.	Press start button to restart. See #9 on page 6.
Steam appears near the top of the boiling chamber.	The baffle is missing or improperly installed.	Properly install the baffle. See #6 on page 5.
	Boiling chamber cap is missing or loose.	Securely install the boiling chamber cap.
Water leaking from top of distiller.	The cap is on the water bottle.	Remove the cap from the water bottle during distillation cycle.
The distiller shuts off before the cycle is complete.	Loose baffle, missing baffle or baffle is not secured properly in the spout of the boiling chamber.	The screwed fitting can become loose during cycles. Assure that this fitting is tightened before each use. The baffle must be installed with the flat side down (this means that the hole is down) and the narrow end inser ted into the spout of the boiling chamber. See page 6.
	The distiller is not in a well ventilated area.	Distiller must be operated in a well ventilated area for proper heat dissipation. Machine is equipped with resetable fuse. If the machine shuts off due to poor ventilation, allow unit to cool and reset. Start the machine by reinserting the boiling chamber and pushing the start button. See page 6.
	There is excess scale build-up in the boiling chamber.	Clean the boiling chamber. See page 7.
The distilled water has an unusual taste.	The carbon filter is contaminated.	Replace the carbon filter. See page 4.
	The water bottle is in need of cleaning.	Clean the water bottle. See page 4.
	The boiling chamber has been overfilled.	Do not overfill the boiling chamber. Fill to bottom of the four tabs at the base of the boiling chamber's fill opening. See #4 on page 5.

TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
The distiller is leaking.	The boiling chamber is not properly installed.	Push the boiling chamber into the distiller chassis so that both the boiling chamber and the electrical connection are tightly joined. See page 6.
	The o-ring is damaged or missing from the baffle.	If damaged, replace o-ring. Make sure the o-ring is properly placed on the baffle, fitting in the circular groove. See page 6.
	The flat gasket between the boiling chamber spout and baffle is missing or damaged.	Replace gasket.

Contact your authorized distributor for all warranty, parts and service needs. For additional information, call Consumer Service at 262-626-8623.

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