

WARRANTY REGISTRATION CARD

Please fill out and return the enclosed registration card. Returning this card will not affect warranty coverage, but may expedite the processing of your warranty. Returning this card is the only way to guarantee you will be notified by Waterwise of any issues that arise concerning this product. The additional information will also help us to develop new products that best meet your needs and desires. Thank you!

OWNER'S LIMITED WARRANTY

Waterwise warrants, to the original purchaser, all stainless steel parts against defects in materials and workmanship, for a period of three (3) years from the date of purchase. Defects or failures due to shipping/handling, improper use or maintenance, including abuse or neglect, normal wear, water conditions, accidents, alterations or modifications, or unauthorized repair are specifically excluded from this warranty. No dealer, distributor, agent, representative, or other person is authorized to extend or expand this warranty.

Waterwise is not responsible or liable for personal injury, property damage, or incidental or consequential damages arising out of, or in connection with, the use or performance of the product or other damages with respect to loss of use, or costs of removal, installation, or reinstallation.

Waterwise will, at its option, replace or repair the defective part(s) without charge, provided they are returned, transportation prepaid by owner, to an authorized service facility or to the address below. Enclose a letter describing the problem, copy of dated proof of purchase, and your name, address and daytime telephone number.

This limited warranty does not guarantee uninterrupted service. Repair or replacement as provided under this warranty is the exclusive remedy of the purchaser. This limited warranty is in lieu of all other warranties, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular use or purpose. This warranty gives you specific legal rights and you may also have other rights which vary from state to state or province to province.

Outside the United States, a different warranty may apply. For details, please contact your authorized Waterwise distributor.



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Printed in USA

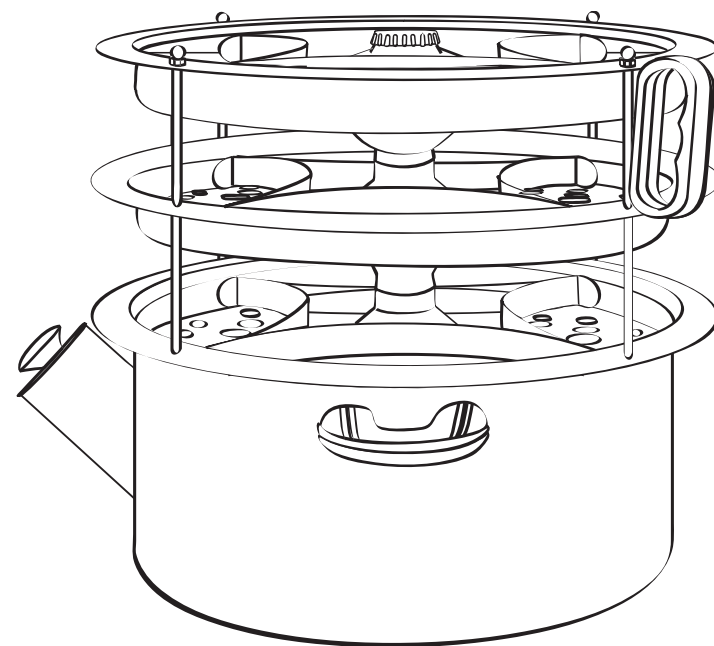
Rev 02/05 Form 16801

USE & CARE GUIDE



Model 1600™

Non-Electric Water Purifier/Distiller



See Important Safeguards on pages 2 and 3

An exclamation point within an equilateral triangle is intended to alert user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

Flame and steam vapor within an equilateral triangle is intended to alert user to risk of injury from boiling water and/or escaping steam.





IMPORTANT SAFEGUARDS

SAVE THESE INSTRUCTIONS

A person who has not read and understood all operating and safety instructions is not qualified to operate this appliance. When using this appliance, always adhere to basic safety precautions including the following:

READ ALL INSTRUCTIONS BEFORE USE. FOR HOUSEHOLD USE ONLY.

1. This Purifier is recommended for use with potable water only. **DO NOT** attempt to make safe drinking water from nonpotable water sources. **DO NOT** use salt water as this will damage certain components and will void warranty.
2. This Purifier requires no special care other than general cleaning (page 7). If servicing becomes necessary, contact an authorized dealer or authorized service facility. **DO NOT** attempt to repair Purifier yourself. See warranty for details.
3. Operate in a well-ventilated area. Provide adequate air space (at least 6-8 inches from walls or cabinets) when in use. **DO NOT** place in a heated oven.
4. Operate on a flat, level, well-supported, stable heating surface.
5. **DO NOT** place near an edge of the supported surface where Purifier can be bumped or pulled down on someone.
6. **DO NOT** touch hot surfaces. Always use potholder or insulated oven mitt when handling hot components.
7. Close supervision is necessary when this or any appliance is used by or near children. Boiling water will scald if spilled on skin. Warn other users of possible dangers from boiling water and/or escaping steam.
8. **DO NOT** change position or location of Purifier while it is operating or cooling. Wait at least 1 hour after a cycle is finished or interrupted before moving Purifier. Boiling water or steam can cause severe burns.
9. Never remove the water coolant tray assembly (fig. 1) while in operation. Let cool at least 1 hour after a cycle is finished or interrupted. Boiling water or steam can cause severe burns.
10. **DO NOT** block air openings. **DO NOT** drop or insert any object into Purifier openings.
11. **DO NOT** place, store, or stack anything on top of or against sides of Purifier while in operation.
12. **DO NOT** operate after a malfunction, or if the Purifier has been damaged in any manner. Return to an authorized dealer or authorized service facility for examination, repair, or replacement.
13. **DO NOT** use appliance for other than intended use.



PRACTICAL USES FOR CLEAN DISTILLED WATER

Drinking it's healthy and delicious

Coffee you'll use less

Tea, Cocoa incomparable

Ice Cubes you'll see the difference

Cooking taste the improvement

Low Sodium Diets essential

Steam Irons last longer

Humidifiers healthier

Fruit Juices like freshly squeezed

Houseplants they'll thrive now

Aquariums clean and clear

Wet-Cell Batteries pure power

Photography perfect development

Baby Formulas pure contentment

Feminine Hygiene sanitary

Complexion Care feel the difference


Pet Care they'll love you

Sprouting grow like crazy

Fasting great for cleansing

and many other uses you will discover

TROUBLESHOOTING GUIDE

Problem	Possible Cause	Solution
No water production.	Heat source not activated.	Activate heat source.
	Not on flat, level, stable heating surface.	Stabilize heating surface.
	Little or no water in boiler.	Fill boiler (fig. 2).
	No downhill slope from collection cup to container.	Check collection cup and downward flow (page 6).
Slow water production.	Low/cool heat source.	Turn up heat, or move to larger burner or heat source.
	Inadequate downhill slope from collection cup to container.	Check collection cup and downward flow (page 6).
Slow water production. (Steam leaks from boiler or water coolant trays and/or excessive steam from collection tube.)	Too much heat.	Turn down heat.
	Vent cap too tight.	Cool down unit, loosen vent cap.
	Water coolant tray assembly not properly seated on boiler.	Cool down unit, seat evenly on boiler.
	One or more water coolant trays out of water.	Fill the water coolant tray(s).
Water has unusual taste.	The boiler has been overfilled.	DO NOT overfill boiler (fig. 2).
	Boiler screen not in place.	Place screen in boiler.
	Boiler not thoroughly cleaned and rinsed.	Clean and rinse (page 7).
	Collector needs cleaning.	Clean collector (page 7).
	Soap from dishwasher inside water coolant tray assembly.	Operate for one cycle and discard water.

IMPORTANT: If heat source is too high/hot or if vent cap is jammed down too tightly onto top of the water coolant tray assembly, after approximately 30 minutes into a cycle, the distillate flow will spurt (stop and start) and steam may shoot out of the collection tube into the collector. There may also be spurting of water or steam from between the water coolant trays. If this happens, operate at a lower heat and/or, when unit is cooled, remove the vent cap and replace it loosely back onto the top of the water coolant tray assembly.

- Make sure all components are secure and that the collector is properly positioned for operation, with its dispensing plug in place, collection plug removed, and collection tube in place.
- DO NOT** operate without water in the boiler and in all three of the coolant trays. Permanent damage may occur.
- DO NOT** remove collection cup assembly from boiler. Removal of this component (fig. 2) may cause the grommet to be cut, or may cause collection cup assembly to become bent so that the purified water will not flow into the collector.
- Vent cap should always be loosely in place (not jammed down) during operation (fig. 1).
- Collector gets very hot during use. **DO NOT** touch hot surfaces.
- Allow Purifier and collector to cool at least 1 hour after a cycle is finished or interrupted. Boiling water or steam can cause severe burns.
- During continuous operation (page 5), caution should be taken when removing the boiler fill spout cap (fig. 1) to refill boiler or check boiler water level. Use potholder or insulated oven mitt to remove this cap.
- When collector is cooling at the end of a cycle, leave one plug loose to prevent vacuum buildup.
- DO NOT** operate Purifier in a moving vehicle.
- For best water quality, **DO NOT FILL BOILER ABOVE THE “MAXIMUM FILL” LEVEL** (fig. 2).

COMPONENTS

Coolant Tray Assembly Vent Cap • Trays • Handles

Boiler Assembly

Fill Spout Cap • Stainless Steel Screen • Collection Cup Assembly • Collection Tube • Handles • Grommet

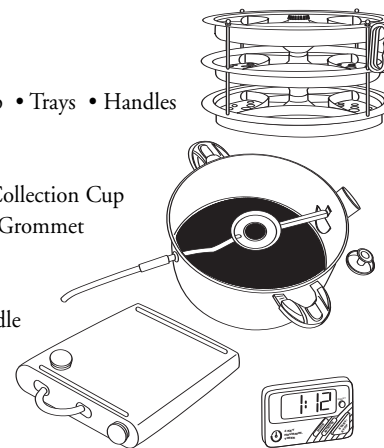
3 Quart Collector

Collection Plug • Dispensing Plug • Handle

Digital Timer/Monitor with Alarm



IMPORTANT: Other than the boiler grommet, there are no user serviceable parts. If servicing becomes necessary, contact an authorized dealer or authorized service facility. Unauthorized service or maintenance may void warranty.



OPERATION



Thoroughly clean Purifier and collector prior to first time use (see cleaning and maintenance instructions on page 7).

Discard the first two cycles of purified water as it may contain some harmless matter from manufacturing and/or packaging.

1. Place boiler assembly on a flat, level, well-supported, stable heating surface (page 6). Be sure to center on heat source.
2. Fill boiler with approximately 4 liters (slightly more than 1 gallon) of ordinary water. **DO NOT** exceed "Maximum Fill" level, the horizontal edge at the top of the opening inside of the boiler. This opening is inside of the fill spout (fig. 2).
3. Make sure fill spout cap is in place (fig. 1).
4. Securely position water coolant tray assembly onto top of boiler.
5. Vent cap should always be loosely in place (not jammed down) during operation (fig. 1).
6. Pour approximately 1 liter (slightly more than 1 quart) of water into each of the three water coolant trays. This amount of water will totally submerge the tray baffles at the outer diameter, but not near the center of the tray. **DO NOT** overfill trays.
7. Place collector beside boiler with dispensing plug securely in place. Collection tube must run at a downward slope into collector. **DO NOT** place collector directly on any heat source or on any surface easily damaged by heat or hot water.
8. Set the Digital Timer with the correct starting number of minutes and start it counting downward toward "0:00" so it "beeps" when the collector is full. If the correct starting time is not known, run the Purifier for one cycle while measuring the time it takes from when the burner is switched on until collector is full. The recommended timer setting is about 5 minutes less, since the Purifier will continue to produce distillate for a little while after the heat source is turned off. For large stovetop burners, such as 2600 watt electrical or 8900 Btu/hr gas, about 72 minutes will be required to fill the 3 liter (3.18 quart) collector. Smaller burners take longer.

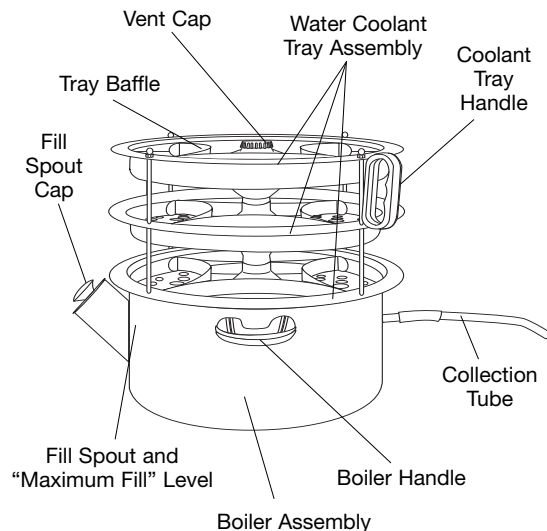


FIGURE 1

HELPFUL TIPS

- Discard the first two cycles of water as they may contain some harmless matter from manufacturing and/or packaging.
- **DO NOT** use collector to store liquids other than purified water. Liquids other than purified water may transfer a taste or odor.
- If you have other tasks to perform while operating product, take the timer with you so that the alarm at the end of the cycle can be detected. The boiler, like other cookware, should never be allowed to run dry on a heat source. All cooking safety rules apply to this product and should be observed. Close supervision is necessary when this or any appliance is used by or near children.
- Usually the water coolant trays will have enough water to last a complete cycle. In some cases, depending on heat source, the lower water coolant tray(s) may run out of water before the end of the cycle. If that happens, refill tray(s) as needed.
- When using an electric stovetop with a shiny reflector under the burner, there is a large loss of energy from the burner if the reflector is soiled or dull. Keep these reflectors shiny or replace them to save energy and to get a higher burner output.
- Periodically place the boiler on a flat surface and pour a little water into the collection cup at a slow rate to simulate distillate flow. Water should drain downhill out of the collection cup and to the outside of the boiler without overflowing cup and running into the boiler. If it doesn't, the collection cup has been inadvertently bent (see Level Test on page 6).
- Periodically check vent cap on top of water coolant tray assembly. Vent cap should be loose so it can rattle up and down a little; it should not be jammed down tightly onto the top tray.
- All components, especially the boiler, should dry out when not in operation. Removal of fill spout cap during storage will allow the entire machine to dry out.
- This Purifier is a precision built instrument and should be treated as such. **DO NOT** stack heavy weights on it, or otherwise bend or distort any of the components. All parts must be in place for maximum operating efficiency and performance.

HEAT SOURCE OPTIONS

NOTE: Altitude and ambient conditions may affect performance of Purifier on all energy sources. Read all instructions before use. Use this Purifier only as intended and as described in this Use & Care Guide.

Energy Considerations

In the U.S., the average cost per gallon to operate this Purifier is approximately \$0.32 per gallon for electric burners, and \$0.10 per gallon for gas burners. Cost will vary with local energy pricing and depending on the efficiency of your burner or hot plate.

Electric Stove/Burner/Hot Plate

When operated on a typical large stove burner (2600 watt electric at 240 volts, or 8900 Btu/hr equivalent gas rating), the Purifier will produce a 3 liter (3.18 qt) batch in 72 minutes. When operated continuously, the Purifier will produce about 60 liters (16 gal) in 24 hours. With lower voltage or lower gas Btu output, the cycle time will increase accordingly.

Natural/LP Gas

When using an extremely large natural or propane gas burner, it is possible that a high flame setting may hinder performance or cause an open flame to come up around the side of the boiler and damage the boiler handles. In this case, the gas can simply be turned down (see Troubleshooting Guide on page 10).

Wood/Coal

When operating on a wood, coal or open fire, Purifier must sit on a flat, level, well-supported, stable surface. Close monitoring is recommended during operation. Be sure boiler and water coolant tray assembly are properly filled especially during continuous production.



IMPORTANT: Unit **WILL NOT** perform on induction type heat sources.

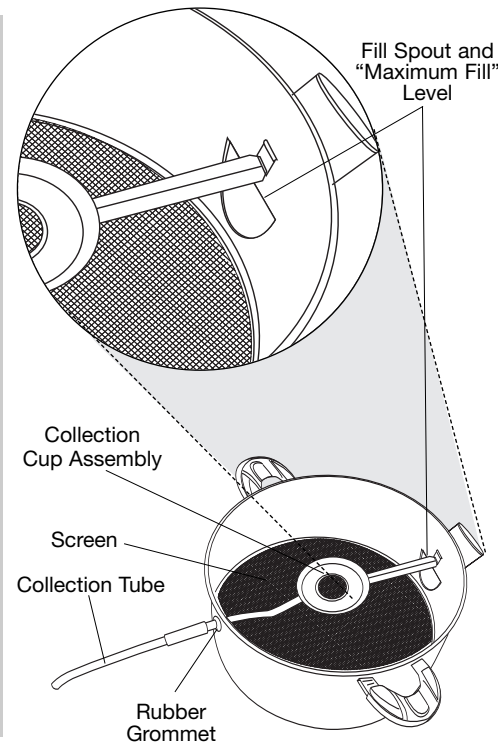


CAUTION: To prevent personal injury, burn and/or scalding, **DO NOT** handle Purifier while in operation or until completely cooled.



IMPORTANT: **DO NOT REMOVE BOILER ASSEMBLY COMPONENTS.** Removal may cause damage. Collection cup assembly **MUST REMAIN LEVEL.** If not level, performance may be impaired. Purified water will drip back into boiler and **NOT** through the collection tube as designed (see Level Test on page 6).

FIGURE 2



caution should be taken when removing fill spout cap (fig. 1) to refill boiler or check boiler water level.

14. If continued operation is desired, refill boiler through fill spout, refill the 3 water coolant trays, exchange collector, and reset timer. Always use potholder or insulated oven mitt when handling hot components.

If no further operation is desired, let cool (at least 1 hour). Discard remaining water from coolant trays and boiler. Rinse and dry thoroughly prior to storage. This ensures efficient operation and prevents mineral deposit buildup and possible corrosion. **DO NOT** remove collection cup assembly from boiler as this may cause the grommet to become damaged, or it may cause the collection cup assembly to become bent so that distillate will not flow into the collector.

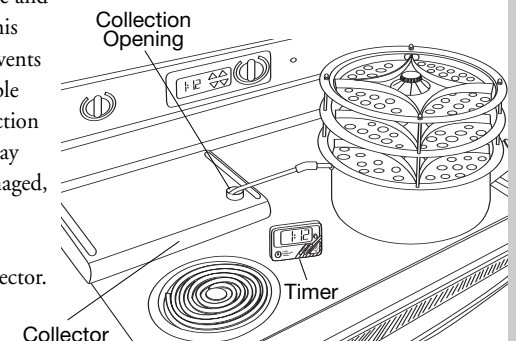


FIGURE 3

9. Turn on/ignite heat source.
10. Close supervision is necessary when this or any appliance is used by or near children.
Boiling water will scald if spilled on skin.
11. **DO NOT** touch hot surfaces. Use potholder or insulated oven mitt when handling hot components.
12. When timer is correctly set, alarm will sound at completion of cycle. To prevent vacuum buildup, place collection plug loosely into opening while water is cooling. Insert plug securely after cooling.
13. At the end of the cycle, **DO NOT** handle Purifier or collector until completely cooled (at least 1 hour).



During continuous operation,

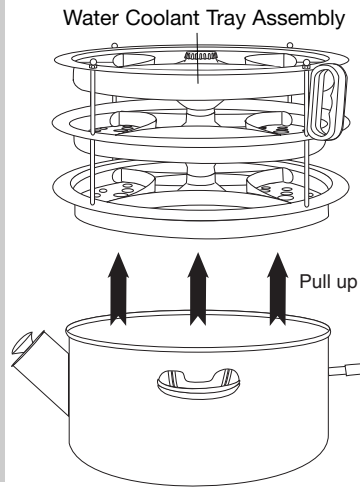
LEVEL TEST

To ensure maximum operating efficiency and optimum water quality, always operate Purifier on a flat, level, well-supported, stable heating surface.

If Purifier is not level, performance may be impaired.

If collection cup assembly has been inadvertently bent, purified water will not flow out of the boiler. Purified water will drip back into the boiler and **NOT** through collection tube as designed.

FIGURE 4



To Test:

Remove water coolant tray assembly from boiler (fig. 4). Slowly pour water into level collection cup (fig. 5).

Water should flow evenly around collection cup and out of the collection tube without overflowing and running into the boiler. If it does not, adjust the collection cup so that the water can easily flow downward out of the cup to the collection tube.

Collection cup assembly **MUST REMAIN LEVEL** and collection tube must run at a downward slope into the collector (fig. 5).

DO NOT remove collection cup assembly. Removal of this component may cause the rubber grommet to be cut, or may cause collection cup assembly to become bent so that the purified water will not flow into the collector.

The collection tube is sealed to the boiler with a grommet, which may become damaged if the collection cup assembly is removed or if the boiler is inadvertently allowed to run dry. A spare grommet is included for this reason.

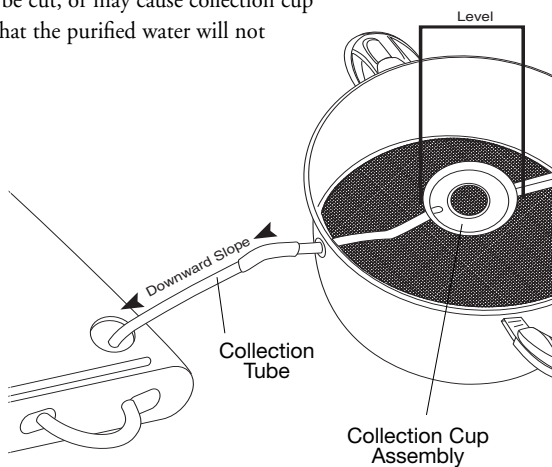


FIGURE 5

MAINTENANCE

Cleaning Water Coolant Tray Assembly

Rinse water coolant tray assembly with warm water to remove any loose residue. As scale deposits build up, use an approved cleaner, such as KLEENWISE, to remove mineral deposits. White vinegar or automatic coffee pot cleaner can also be used. **DO NOT** operate Purifier with cleaning solution in water coolant trays. Use a soft plastic or nylon scouring pad if needed. **DO NOT** use abrasive cleaners, caustic acids, steel wool pads or metal utensils. Rinse thoroughly after cleaning and wipe trays with a clean soft cloth or sponge to dry. Assembly is also dishwasher safe.

Cleaning Boiler Assembly

Rinse boiler with warm water to remove any loose residue. **DO NOT** remove components. As scale deposits build up inside, use an approved cleaner, such as KLEENWISE, to remove deposits. White vinegar or automatic coffee pot cleaner can also be used. **DO NOT** operate Purifier with cleaning solution in boiler. Use a soft plastic or nylon scouring pad if needed. **DO NOT** use abrasive cleaners, caustic acids, steel wool pads or metal utensils. Rinse thoroughly after cleaning and air dry.



IMPORTANT: When cleaning boiler use special care **NOT** to bend or damage collection cup assembly or screen. The collection cup assembly must remain level so distillate can run into the collector.

Cleaning Collector

When new, sanitize collector by adding 6 ounces (180 ml) of 3% hydrogen peroxide solution to container. Fill with hot water (160° F/71° C). Seal container with both collection and dispensing plugs. Shake vigorously. Let stand 20 minutes and drain. Rinse thoroughly with purified water.

Wipe outside of collector with clean, soft cloth or sponge.



IMPORTANT: **DO NOT** use collector to store liquids other than purified water. Liquids other than purified water may transfer a taste or odor.

Operational maintenance is essential for this product to perform as advertised.