



ATTENTION:  
IF ANY COMPONENTS OF THIS UNIT  
ARE BROKEN, OR IF THE UNIT DOES NOT  
OPERATE PROPERLY, PLEASE CONTACT  
ROOTS AND HARVEST AT **877-509-3457**

[www.rootsandharvest.com](http://www.rootsandharvest.com)



## MULTI-USE ULTRASONIC CLEANER

### USE & MAINTENANCE

#1636



**1 YEAR  
WARRANTY**

**! CAUTION !**

Indoor use only. To protect against the risk of electrical shock, never immerse the device, cord or plug in water and do not expose the device to rain or moisture.

## ⚠ GENERAL WARNINGS AND SAFETY INFORMATION ⚠

1. It is important to read and understand all of the instructions and safeguards prior to use. Keep this manual for future reference and for others to read before use.
2. Always ensure the appliance is properly assembled and safely set up before use.
3. The appliance is designed exclusively for domestic use and not for commercial purpose.
4. **CAUTION:** This appliance is not recommended for use near or by children or persons with certain disabilities. Set up and store the appliance in a secure dry location out of reach of children.
5. Thoroughly hand-wash all appliance parts and wipe down the exterior with warm soapy water prior to use. Dry thoroughly. **NOT DISHWASHER SAFE.** Discoloration may occur. Do not immerse the machine.
6. Use the appliance with supplied accessories only. Warning: the use of accessories or attachments not recommended or sold by the manufacturer may cause injury, damage to personal property and may void your warranty.
7. **WARNING:** Do not use while under the influence of alcohol or prescription or non-prescription drugs as these may impair user's ability to properly assemble or safely operate the appliance.
8. Keep your work area clean and well lit. Cluttered work benches and dark work areas may cause accidents or injury.
9. Failure to follow warnings and a safety information could result in death serious bodily injury and or property loss.
10. **WARNING:** To avoid dangers of suffocation, keep all plastic bags away from babies and children.
11. The appliance must be connected to a dedicated 110/120vt AC electric supply only.
12. Never unplug by pulling on the power cord, always pull directly on the plug itself.
13. Unplug from outlet when not in use and before cleaning.
14. Indoor use only. To protect against the risk of electrical shock, never immerse the device, cord or plug in water and do not expose the device to rain or moisture. **WARNING:** In the event the device should fall into water, remove the plug from the wall socket before attempting to remove the unit from the water. If submergence occurs, have the appliance examined by an authorized technician before use.
15. Do not operate it with a damaged cord or plug or after the appliance malfunctions or has been damaged in any manner. Return the appliance to the nearest authorized service facility for examination, repair or adjustment.
16. The cord should be arranged so that it will not drape over the countertop or tabletop, contact sharp edges or touch hot surfaces or where it can be pulled on by children or tripped over unintentionally.
17. DO NOT attempt to repair or adjust any electrical or mechanical functions on this appliance without contacting R&H repair technician Toll Free at 877-509-3457. Doing so will void warranty. Servicing should be performed as directed by qualified personnel only.
18. **WARNING:** The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions or situations that could occur. It must be understood by the operator that common-sense must be used.
28. **SAVE THESE INSTRUCTIONS.**

## HOW IT WORKS

Ultrasonic cleaning uses cavitation bubbles induced by high frequency pressure (sound) waves to agitate a liquid. The agitation produces high forces on contaminants adhering to the fruits and vegetables. This action also penetrates blind holes, cracks, and recesses. The intention is to thoroughly remove all traces of contamination tightly adhering or embedded onto solid surfaces

The sterilization effect of ultrasonic waves is mainly caused by the cavitation effect it produces, which leads to the metabolic disorder and death of some bacteria in the liquid, the inactivation of viruses, and even the destruction of the cell walls of some small microorganisms.

Safely clean fruits and vegetables, even meat and eggs, without chemicals. Destroys up to 94% of microbes and pesticide residues

**Cavitation:** A phenomenon in which the static pressure of the liquid reduces to below the liquid's vapour pressure, leading to the formation of small vapor-filled cavities in the liquid

## IMPORTANT WARRANTY INFORMATION PLEASE READ FILL OUT AND RETURN ENCLOSED WARRANTY CARD

THIS WARRANTY COVERS:

**Roots And Harvest®** 1636- Ultrasonic Multi-Purpose Vegetable Cleaner  
THE WARRANTY IS EXTENDED TO THE ORIGINAL PURCHASER ONLY

**WARRANTY DURATION:** This product is warranted to the original purchaser for a period of one (1) year from the original purchase date. **EACH UNIT COMES WITH A WARRANTY CARD, WHICH MUST BE FILLED OUT COMPLETELY AND RETURNED IMMEDIATELY, WITH A COPY OF THE PURCHASING RECEIPT. FAILURE TO RETURN YOUR WARRANTY CARD WILL LIMIT WARRANTY TO 90 DAYS WITH PROOF OF PURCHASE.**

**WARRANTY COVERAGE:** This product is warranted against defective materials or workmanship. The warranty is void if the product has been damaged by accident, misuse, neglect, modification or improper service or repairs by unauthorized personnel. It is also void if damaged in shipment or by other causes not arising out of defects in the materials or workmanship. This warranty does not extend to any units which have been in violation of written instructions furnished. This warranty covers only the product and its specific parts, not food or other products processed in it.

**WARRANTY DISCLAIMERS:** This warranty is in lieu of all warranties expressed or implied, and no representative or person is authorized to assume any other liability in connection with the sale of our products. There shall be no claims for defects or failure of performance under any theory of sort, contract or commercial law including, but not limited to negligence, gross negligence, strict liability or breach of contract. The manufacturer declines all responsibility for damage to persons, things or animals arising from the failure to comply with the norms contained in this manual. The manufacturer reserves the right to make modifications at anytime to the models while maintaining the main characteristics described herein. The manufacturer also declines all responsibility for any errors in compiling this manual.

**WARRANTY PERFORMANCE:** During the warranty period, a product with a defect will either be repaired or replaced after the product has been inspected by a Roots and Harvest Service Technician. ROOTS AND HARVEST RESERVES THE RIGHT TO REFUSE WARRANTY PERFORMANCE OR PRODUCT EVALUATION UNLESS THE ORIGINAL SALES RECEIPT OR THE WARRANTY CARD IS ON FILE. The repaired product will be in warranty for the balance of the warranty period. No charge will be made for such repair or replacement.

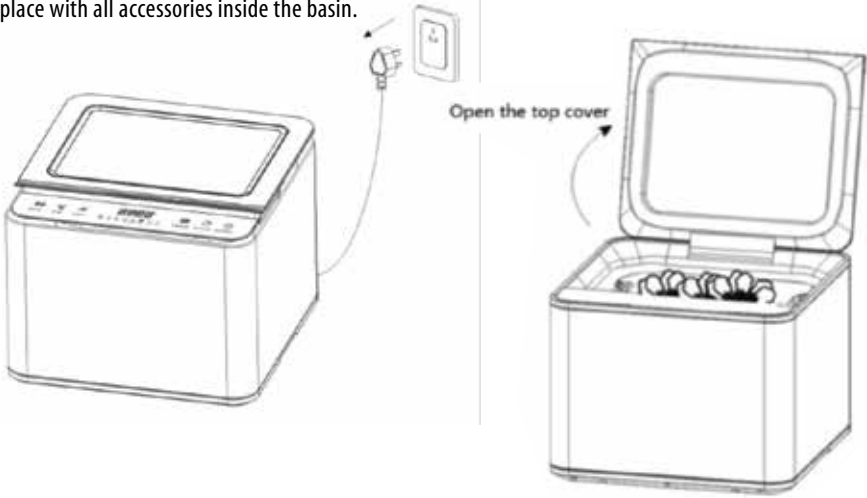
**IMPORTANT NOTICE:** If any parts are missing or defective, please contact our Customer Service Department for assistance at 877-509-3457 (M-F 8:30am to 4:30pm EST). **DO NOT RETURN TO THE STORE WHERE THE PRODUCT WAS PURCHASED.** Roots and Harvest is not responsible for, or will not cover under warranty, missing or damaged parts on discounted/clearance, resale or final sale items where the seller may not be able to guarantee full functionality or completeness of the unit.

**ROOTS AND HARVEST MERCHANDISE RETURN POLICY WARRANTY SERVICE:** To obtain service under terms of this warranty, please contact us at 877-509-3457 to obtain authorization prior to returning the merchandise. No merchandise will be accepted without prior authorization. Prior to returning the product for warranty repair the product must be thoroughly cleaned and free from any food particles or other debris. Failure of the purchaser to comply with this standard may result in the unit being returned without repair. In some cases, a \$50 cleaning surcharge may apply. Please return the product prepaid in the original packaging if possible, enclose a copy of your receipt, (keep a copy of your proof-of-purchase for your records) and include a written explanation of the issue. Ship to Roots and Harvest, 4440 Muhlhauser Road, Suite 300, West Chester, OH 45011. Roots and Harvest is not responsible for damage incurred in shipping, make certain to pack product properly. Return shipping charges are the responsibility of the purchaser. Packages returned to Roots and Harvest should be insured for the value of the product to cover any damages that may occur during shipping.

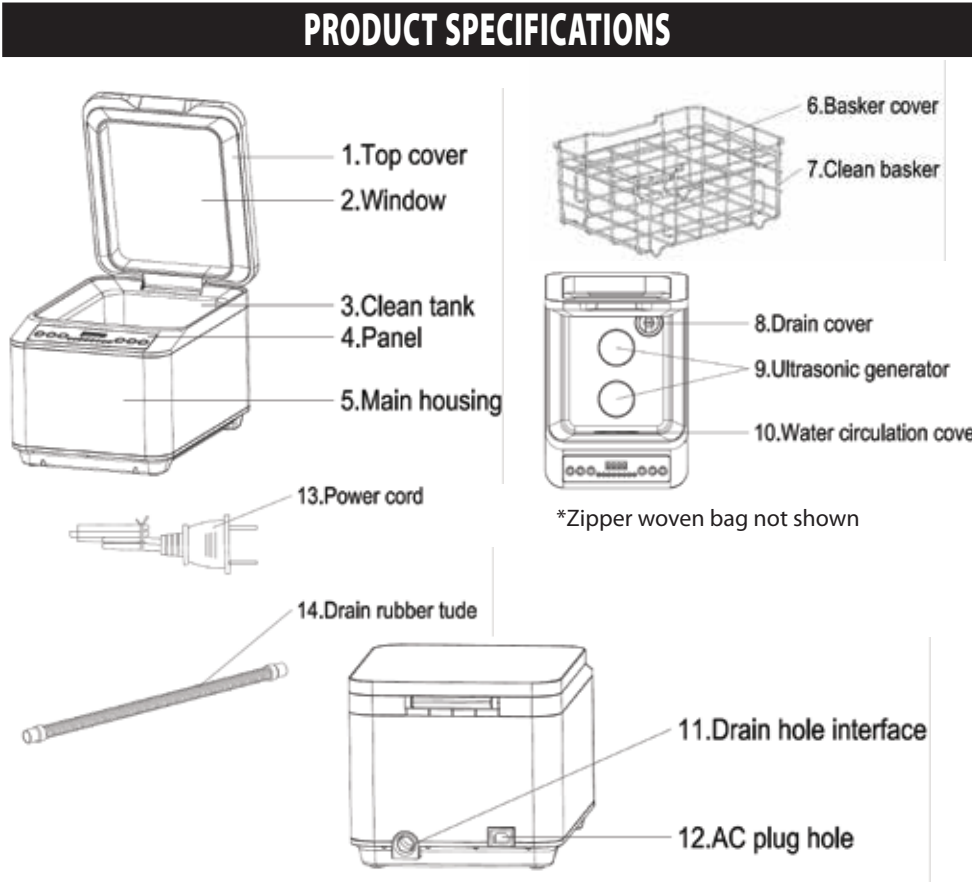
Revised May 14, 2021

FUNCTION MENU	TIME RANGE	WORKING STATE
Vegetables	1-20 Minutes	The ultrasound works with the water cycle for 5 minutes
Fruits	1-20 Minutes	The ultrasound works with the water cycle for 8 minutes
Grains	1-20 Minutes	The ultrasound works with the water cycle for 12 minutes
Meat	1-20 Minutes	The ultrasound works with the water cycle for 10 minutes
Fish & Shrimp	1-20 Minutes	The ultrasound works with the water cycle for 15 minutes
Seafood	1-20 Minutes	The ultrasound works with the water cycle for 13 minutes
Bottles	1-20 Minutes	The ultrasound works with the water cycle for 16 minutes
Ultrasonic	1-20 Minutes	The ultrasound works alone for 5 minutes
Water Cycle	1-20 Minutes	Water circulation works alone for 6 minutes

- When the countdown time on the display screen is "00:00", the machine will return to standby state after 5 beeps.
- After cleaning, unplug from electrical outlet, open the cover, take out the basket/bag and your cleaned items. With the drain hose attached to the unit and the other end in a sink or bucket, remove the drain cover inside the cleaning tank, release the dirty water, wipe dry the cleaning tank, close the drain cover and store in a cool dry place with all accessories inside the basin.



- NOTE:**
- This product does not affect wax on articles.
  - Do not start the machine without adding water, otherwise it may damage the machine or seriously affect the life of the machine.
  - Fresh eggs can be cleaned by using the "fruits" mode and cleaning for 8 minutes



**Product Name:** Ultrasonic Multipurpose Cleaner

**Rated Power:** 120V~ 60Hz  
**Cleaning Tank Capacity:** 10L  
**Cleaning Tank Size:** 12" x 9.5" x 6"  
**Product Model:** 1636  
**Rated Power:** 130W  
**Ultrasonic Frequency:** 40KHz  
**Cleaning Tank Material:** ABS

A short power-supply cord (or short detachable power-supply cord) is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord. Extension cords (or longer detachable power-supply cords) are available and are not prohibited from being used when care is exercised in their use.

**When an extension cord is used:**  
The marked electrical rating of the detachable power-supply cord or extension cord shall be no less than the marked electrical rating of the product; When the product is of the grounded type, the extension cord shall be a grounding-type 3-wire cord; and the longer cord shall be arranged so that it does not drape over the counter-top or tabletop where it is capable of being tripped over, snagged, or pulled on unintentionally, especially by children.

## OPERATION PANEL INSTURCTIONS

1. Plug in the power; the machine will beep one long beep, and the display screen and all LED lights will light up at the same time. After 1 second, it will enter the standby state. In the standby state, the indicator lights of "vegetable -fruit -grain -meat -shrimp, crab and shellfish -seafood -bottle -custom" will remain on, "on/off" will blink, "ultrasonic" and "water circulation" will be unlit.
2. Press the "Select" button; 8 functions of "vegetable, fruit, grain, meat and bone, shrimp, crab and shellfish, seafood, baby bottle, custom" can be selected in a circular way. The corresponding function indicator light is on, while the other unselected function indicator lights are off. Each function has a corresponding default working time display.
3. When selecting the "Customize" function, the time flashes. You can adjust the working time of the program by pressing the "</>" buttons above the "+" and "-". When "customize" is chosen the machine will work just the ultrasonic function.
4. When the machine is in standby, pressing "ultrasonic" will allow for "ultrasonic" cleaning alone, and the same for "water circulation", it can be pressed when in standby to only circulate the water. Each function can be used separately and has a default time of 5:00 minutes, which can be adjusted by using the "</>" buttons above the "+" and "-" indicators.
5. Under working conditions, press the "on/off" button. The indicator light of the "on/off" button will blink and the machine will stop working.
6. The "Select" button inactive when the machine is in use. To change functions the machine must be in standby state.
7. When the countdown time is completed, the display will read "00:00," the machine will beep 5 times, and it return to standby state.
8. Select the function and time, then click the "on/off" button to turn the machine on. The "on/off" button indicator light illuminates, the machine starts, and the timer countdown begins.

## MACHINE OPERATION INSTRUCTIONS

1. Place the machine on a flat sturdy surface, open the cover of the machine, put the drain cover inside the cleaning tank into the drain hole, and press it in place to ensure that it is in tightly. Then insert the drain pipe into the drainage nozzle behind the machine, and place the outlet of the drain pipe in a sink or bucket.
2. Insert the AC connector of the power cord into the AC socket at the back of the machine. Plug the power cord into the AC120V grounded power outlet.

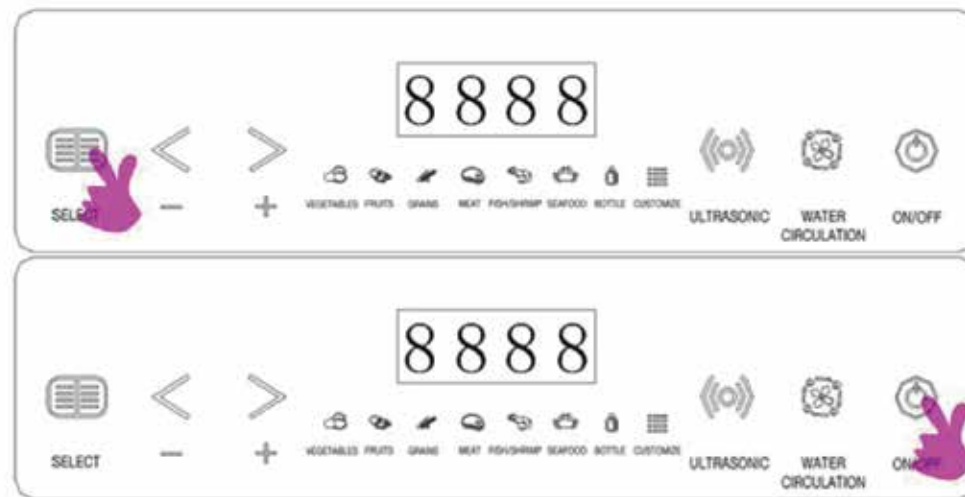


3. Open the cover of the machine and put the items to be cleaned into the basket. (Or, remove the basket, place items in the basket, and then put the basket back into the machine.) Place the basket lid on top to hold produce under the water. Add tap water to the basin, keeping the water level between the "lowest" and "highest" lines that are marked on the back of the basin. Ensure that the items being cleaned are completely immersed. Close the top cover.



4. Use the "Select" button to choose from 8 menu items to clean: "vegetables" "fruits" "grains" "meat" "fish and shrimp" "seafood" "milk bottles" "custom". There are 2 other functions ("ultrasonic" and "water circulation") that can be used for custom/singular function selection. Select the item you are cleaning from the menu and then press the "on/off" button; the red indicator light will be on, default time will be displayed and the machine will start working, and the time will count down.

**NOTE:** When cleaning whole grains or small items, it is recommended to use the special woven bag, which is provided, with zipper closed. Put it into the cleaning tank, select the required function, and then start the machine for cleaning.



## ! CAUTION !

**Note:** Ultrasonic cleaning function can remove the residue on jewelry and the oxidization on metal parts, but metal parts should be contained into the basket or bag so that they don't hit against the wall of tank directly while in cleaning; otherwise they may scratch the wall of tank.