



**E****XL**

**COMMERCIAL STRENGTH  
LAUNDRY AND DEEP  
CLEANING SYSTEM**

**USER HANDBOOK**

"You're going to  
LOVE your laundry...  
I guarantee it!"



Julius Toth,  
EcoWasher Inventor

Thanks for Choosing EcoWasher!

Our team is committed to providing high quality service and support for your new product. Please take a moment to read through this user guide. It will give you a better idea of EcoWasher's advanced, all natural, deep cleaning capabilities. If you have any questions that we haven't addressed, feel free to contact us. We're always happy to help you!

**Customer Support:**  
**800-599-5191**  
**[service@ecowasher.com](mailto:service@ecowasher.com)**



## PRODUCT INTRODUCTION

**EcoWasher is an environmentally friendly appliance intended for use in homes, businesses or facilities. It is designed for use with residential style washing machines.**

EcoWasher's natural molecule generator automatically injects and mixes natural super molecules including ions, activated oxygen, and hydrogen peroxide. When mixed together these three molecules create the HO (Hydroxyl Radical) super molecule. The activated water then enters into the washing machine. This naturally energized processed water washes your clothes with more powerful cleansing action than any chemical detergents. This 100% natural process also kills bacteria and eliminates odors without leaving any chemical residual detergent in your clothes.

### **EcoWasher Benefits:**

- Sterilizes and disinfects.
- Deep cleans laundry with no use of detergent.
- Decontaminates and purifies.
- Conserves energy and protects the environment.
- Adds no pollutants to the water.
- Cuts down energy costs by using cold water instead of hot water.
- Works automatically. After proper installation, simply operate your washing machine on a cold water cycle. When water comes from your home's water supply, it will automatically enter the EcoWasher and the unit will power on and begin its operation.

# WASHING MACHINE CLEANING

**Remove the "gunk" buildup caused by detergents by deep cleaning before using the EcoWasher to ensure that you are getting the best performance out of your EcoWasher and will extend the life of your washing machine. This requires vinegar, baking soda and a rag or cloth.**

## **Top Load Instructions:**

- 1) Select hot water on the largest load setting. Add 4 cups of vinegar and let the machine agitate for 1 minute.
- 2) Add 1/2 cup baking soda and allow machine to run again for 1 minute to mix up the baking soda. Pause the washer after 1 minute and allow the solution to sit for 1 hour. This gives the solution time to break down all the residue. Continue the wash cycle after 1 hour is complete.
- 3) After the rinse cycle is finished, run another hot wash cycle on the largest load setting and let it run completely through.
- 5) After proper installation (see install instructions), run the EcoWasher with no laundry on a large load, cold water setting to complete the purifying process.

## **Front Load Instructions:**

- 1) Start by removing all mold/mildew from the door seal. This will require the use of vinegar and a rag. An old toothbrush is also a great tool for cleaning crevices.
- 2) Once the door seal is cleaned, remove the soap dispenser tray from the machine and clean it thoroughly using vinegar and a rag. Be sure to also clean the inside of the machine as well (the slot where the tray was removed from). Once these are cleaned, replace the soap tray.
- 3) Add 1/2 cup of baking soda directly into the washing tub of the machine and then close the door. Slowly pour 4 cups of vinegar into the soap dispenser, allowing it to drain down into the tub.
- 4) Select hot water on the largest load setting and allow it to fill up. Then, pause the washer after 1 minute and allow the solution to sit for 1 hour to break down detergent residue. Continue the wash cycle after 1 hour is complete.
- 5) After rinse cycle is finished, run another hot wash cycle on the largest load setting and let it run completely through.
- 6) After proper installation (see instructions), run the EcoWasher with no laundry on a large load, cold water setting to complete the purifying process.



## USE AND SAFETY INSTRUCTIONS

### **Please read carefully before use:**

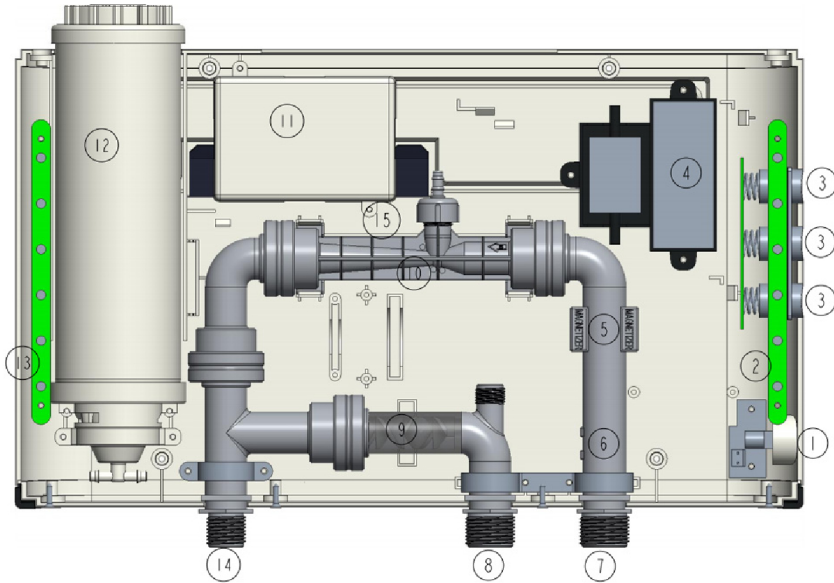
- Disconnect the power cord before servicing.
- Maximum water inlet pressure is 100psi.
- Use the supplied new hose when connecting EcoWasher to your washing machine. We also recommend replacing any existing washing machine hose that is more than 2 years old with a new one.
- Do not mount EcoWasher vertically, upside down, or at an angle.)
- EcoWasher works normally in temperatures ranging from 32°F ~ 172°F, but always use a cold water cycle for best results.
- Water treated by EcoWasher is not intended for drinking or injecting.

## INSTALLATION REQUIREMENTS

- EcoWasher requires 120V 60Hz power on a 15 amp fuse or circuit breaker.
- A dedicated electrical circuit, equipped with an approved GFCI outlet, is recommended for supplying power to your EcoWasher.
- NEVER use an extension cord or a power adapter other than the one provided with EcoWasher.
- Water pressure of 20 to 100 psi is required to correctly operate your EcoWasher.
- Water quality may affect the performance of your EcoWasher. If you have water quality concerns, consult a water filtration expert.
- Never install the EcoWasher in areas where water may freeze, as the unit retains some water in it and freezing can cause damage to its components.

## PRODUCT DIAGRAM

## INSTALLATION (PART 1)



- |                                |                           |
|--------------------------------|---------------------------|
| 1) Power Supply                | 8) Water Outlet           |
| 2) Air Dryer Indicator (Right) | 9) Static Mixer           |
| 3) Control Buttons (3)         | 10) Venturi               |
| 4) Oxidizing Module            | 11) Control Board         |
| 5) Magnetizer                  | 12) Desiccant Cartridge   |
| 6) Flow Switch                 | 13) Air Dryer Indicator   |
| 7) Water Inlet                 | 14) Auxiliary Hose Outlet |

1) Choose an area on your wall near your washing machine for installation. This area should close to a power outlet and your home's water inlet (where your current laundry hose is located.)

2) Hold the metal mounting plate in the desired location (with the tabs facing out). Mark your screw holes with a pen, then place the screws and secure the mounting plate evenly on the wall.

3) Align the 3 mounting sockets on the backside of the unit with the mounting plate and carefully slide the unit down into place until it feels secure.

4) Turn off your home's cold water and hot water supply faucet, if you have not already.

5) Turn your washing machine settings to "COLD" water only and run the washing machine for a few minutes to help remove excess water and pressure from the cold water hose.

## INSTALLATION (PART 2)

6) Remove your existing hose from the cold water faucet but keep the hose attached to your washing machine. Attach the other end of your existing hose to the water OUTLET on the EcoWasher (See the product diagram on page 8). Do NOT overtighten. Just make sure the fit is secure.

*Note: Make sure your existing hose is in good, functional condition. Replace the hose if it appears worn out.*

7) Attach the hose included with the EcoWasher to the water INLET on the unit (See the product diagram on page 8). Attach the other end to the cold water faucet. Tighten both ends of the hose, but be careful not to overtighten.

8) The final hose to attach is the auxiliary hose. This hose allows you to extract the powerful oxidized water from the EcoWasher so that it can be used for other cleaning and disinfecting tasks beyond the laundry! Attach this hose to the AUXILIARY HOSE OUTLET (See the product diagram on page 8).

9) Slowly turn your home's cold water supply faucet back on. Although the EcoWasher is designed to operate with cold water only, we recommend you keep the hot water supply connected to the washing machine to prevent backflow. Make sure there is no leaking from any of the hoses.

10) Plug in the DC adapter to the EcoWasher, then plug into the power outlet. The installation is now complete.

*Note: Please continue reading operation instructions on pages 12-13 before attempting to use your EcoWasher.*

## GENERAL OPERATION

- 1) After plugging in the unit to power, the unit will chime once. This means that the unit is powered on, but will remain in standby mode until water flow is active.
- 2) When water flow is active, the EcoWasher will turn on and power into high concentration default mode and the indicator light display a **BLUE** light.
- 3) To adjust the ozone concentration level, press the bottom touch key on the right side of the unit.
  - In LOW MODE, the indicator lights in the center of the unit will display a **GREEN** light.
  - In OFF MODE (no ozone), the indicator lights will not display any color.
- 4) When the water flow stops, the unit will return to stand-by mode.

## DRYER MODULE

- 1) During regular operation of the EcoWasher, the desiccant dryer module indicator lights on the left and right sides of the unit will display in **BLUE**.
- 2) When the dryer module indicator lights display a **RED** light, this means that the current dryer module has been used up and needs to be replaced.
- 3) To replace the dryer module, use the included cartridge wrench and rotate counterclockwise to release the old cartridge. Dispose of the old cartridge.
- 4) Insert the new cartridge and install by turning the cartridge wrench clockwise.
- 5) Lastly, press and hold the top and center touch keys at the same time and hold until the unit chimes. The desiccant dryer module replacement is now complete.



## PRODUCT SPECIFICATIONS

|                            |   |
|----------------------------|---|
| <b>Model / SKU</b>         | ECO-07-ELT                                  |
| <b>Electrical</b>          | Input: AC 100-240V<br>Output: DC 12V 3A 36W |
| <b>Ozone Concentration</b> | 0 - 1.2 mg/L                                |
| <b>Water Pressure</b>      | Minimum: 20psi<br>Maximum: 100psi           |
| <b>Temperature</b>         | 32° - 172° F                                |
| <b>Product Dimensions</b>  | 16" x 3.8" x 11.5"                          |
| <b>Product Weight</b>      | 8.3. lbs (Desiccant - 1.1 lbs)              |

## OTHER USAGE NOTES

### Daily Use of EcoWasher

The use of EcoWasher is very easy after proper installation. Simply operate your washing machine according to the instructions provided by the manufacturer.

### Non-Use or Vacation Care

If you are on vacation or won't be using your washer for an extended period of time, you should unplug the power supplies to both the washer and EcoWasher and turn off the water supply. This helps avoid accidental flooding due to a water pressure surge while you are away.

### Stains

We suggest that you pre-treat stains as you normally would when doing laundry. No laundry detergent is required for normal - moderately soiled garments. However, for heavy soiled garments, we suggest adding an extra rinse cycle.



## FREQUENTLY ASKED QUESTIONS

### **Will EcoWasher work with my washing machine?**

EcoWasher can be used with almost any residential style washing machine. It is designed for use in homes, or for use in businesses such as hair salons, vet clinics or any facility that uses a non-industrial style washing machine.

### **Does EcoWasher work with all water types?**

EcoWasher will work with both standard city water, hard or well water supplies. However, better water quality will yield the best results. If you have hard water, we suggest to install a water softener for improved water quality and mineral filtration.

### **Is EcoWasher safe?**

We put your health and safety first! EcoWasher and its purification technology are perfectly safe to use in your home or business. In fact, similar technology as been used for decades by hospitals and other institutions for laundry and other disinfecting uses!

### **Do tough stains need to be pre-treated?**

While the EcoWasher is tough on dirt and stains, you may continue to treat stubborn stains with your method of choice. We also suggest setting your washing machine to an extra rinse cycle for an extra boost of clean!

### **Why do I need to use cold water?**

During regular operation, EcoWasher generates powerful cleansing molecules to destroy odors, lift dirt and destroy germs without the use of hot water or detergent. This generated cleaning agent is most powerful when combined with cold water, as warm temperatures can cause ozone levels to rapidly deplete.

### **What's that smell?**

If you are smelling an aroma in your laundry room or washing area during regular operation, have no fear! This scent is generated by your EcoWasher and occurs as the powerful cleansing molecules are combining with the water.

## WARRANTY SERVICE

**To register your EcoWasher warranty, please fill out the included warranty card, or fill out our online registration form at [www.ecowasher.com/register](http://www.ecowasher.com/register)**

Verified EcoWasher purchases are warranted to be free from all defects in material and workmanship in normal household use for a period of one (1) year from the date of purchase.

The warranty is granted to the original purchaser, or original receiver of the unit. The warranty is subject to the following provisions: any damages or malfunctions caused by negligence, abuse or unauthorized service are not covered.

Toth Group Inc (Official Distributor of EcoWasher) will, at its option, repair or replace a defective EcoWasher or EcoWasher part that is covered under this warranty. As a matter of warranty policy, refunds will only be given within the first 30 days after purchase. Unless the warranty is renewed or extended with authorization from Toth Group, any repaired or replaced part of the unit shall be warranted for the remaining unexpired portion of the original warranty period.

For questions regarding your EcoWasher, please call **800-599-5191**, or email us at **[service@ecowasher.com](mailto:service@ecowasher.com)**



Learn More at  
[www.ecowasher.com](http://www.ecowasher.com)