



**EcoWasher® PRO**  
**USER GUIDE**

PRODUCT PURPOSE	2
USE & SAFETY CONSIDERATIONS	4
PRODUCT DIAGRAMS	5
INSTALLATION REQUIREMENTS	7
INSTALLATION	8
INDICATORS & ALARM SYSTEM	12
DAILY USE	13
TROUBLESHOOTING	14
FREQUENTLY ASKED QUESTIONS	16
WARRANTY SERVICE	19



Thanks for choosing EcoWasher® PRO!

EcoWasher® 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 the EcoWasher® PRO's advanced, all natural, deep cleaning capabilities. You can also check out [ecowasher.com](http://ecowasher.com) for even more interesting information on EcoWasher®!

And if you have any questions that we haven't addressed, feel free to call our toll free support line at (800) 599-5191. Again, thank you for your purchase. We hope you enjoy your EcoWasher® PRO as much as we enjoy ours!

-The EcoWasher® Support Staff

# PRODUCT PURPOSE

**EcoWasher® PRO is an environmentally friendly appliance intended for use in a residential laundry facility. It is designed to work with your existing washing machine.**

The EcoWasher® PRO uses natural cleaning agents to infuse cold water with molecules including ions, activated oxygen, and hydrogen peroxide. When mixed together these three molecules create the HR (Hydroxyl Radical) molecule. The transformed water then enters the washing machine to deep clean and disinfect your laundry. EcoWasher® PRO provides an effective cleaning method for laundry that is safe and 100% natural and leaves no detergent residue behind.

*EcoWasher® PRO has the following main functions:*

- Sterilizes and disinfects
- Deep cleans laundry with no use of detergent
- Decontaminates and purifies
- Conserves energy and protects the environment

# TECHNICAL SPECIFICATIONS

(SEE BELOW)

- Adds no pollutants to the water
- The EcoWasher® PRO works automatically. After proper installation, simply operate your washing machine following the manufacturer's operating instructions. The EcoWasher® PRO will turn on automatically while water is flowing through it. *\*Note: Blue light will only appear while water is flowing through the unit.*

<b>Model</b>	EcoWasher® PRO (7H-ECO-01)
<b>Electrical</b>	Input: AC 100-240V/50-60Hz Output: DC 12V 3A 36W
<b>Ozone Concentration</b>	0.5 ~ 1.0 mg/L
<b>Water Pressure</b>	Minimum : 20 psi Maximum : 100 psi
<b>Operating Temperature</b>	0°C ~ 78°C
<b>Product Dimension</b>	16.5" X 8" X 3.66"
<b>Net Weight</b>	3.85 lbs

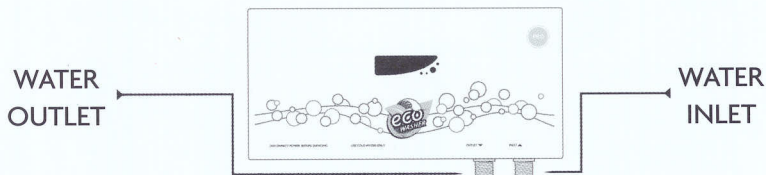
# USE & SAFETY CONSIDERATIONS

## **Before using, please read the User Guide carefully.**

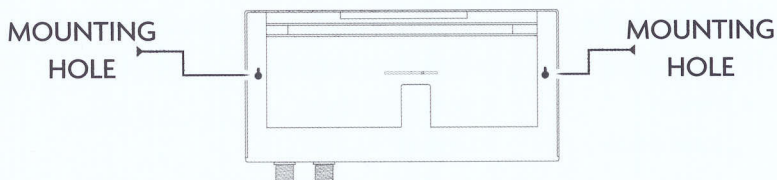
- Disconnect power cord before servicing.
- Do not operate the unit with the cover removed.
- Maximum water inlet pressure is 100psi.
- Use the supplied new hose when connecting EcoWasher® PRO to your washing machine. We also recommend replacing any existing washing machine hose that is more than 2 years old with a new one.
- To clean your EcoWasher® PRO, use a soft cloth dampened with water. Do not use harsh chemicals, abrasives, or cleansers.
- Do not mount EcoWasher® PRO vertically or at an angle.
- EcoWasher® PRO is designed for residential use only and is not intended for use in a commercial or industrial setting.
- EcoWasher® PRO works normally in temperatures ranging from 40°F ~ 100°F without components breaking down.
- Water treated by EcoWasher® PRO is intended for laundry ONLY. It is not intended for drinking or ingesting.

# PRODUCT DIAGRAMS

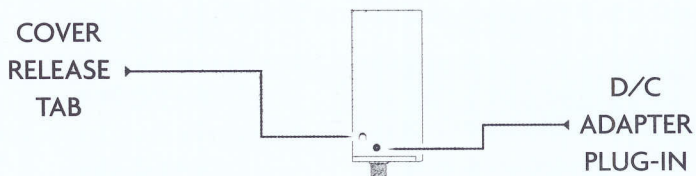
## FRONT DIAGRAM :



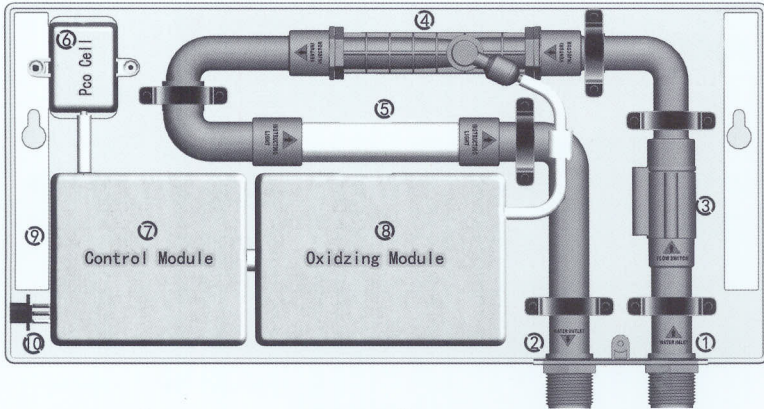
## REAR DIAGRAM :



## SIDE DIAGRAM :



# PRODUCT DIAGRAMS (cont'd)



- |                 |                     |
|-----------------|---------------------|
| 1. Water Inlet  | 6. PCO Cell         |
| 2. Water Outlet | 7. Control Module   |
| 3. Flow Switch  | 8. Oxidizing Module |
| 4. Venturi      | 9. Mounting Holes   |
| 5. Static Mixer | 10. Power Supply    |

	Part Name	Part No.
6	PCO Cell	7H-ECO-PCO
7	Control Module	7H-ECO-PCB
8	Oxidizing Module	7H-ECO-OM

# INSTALLATION REQUIREMENTS

## Electrical Requirements

- EcoWasher® PRO includes a universal adapter rated for use with 120-240V~50/60Hz
- NEVER use an extension cord or a power adapter other than the one provided with EcoWasher® PRO.

## Water Requirements

- Water pressure of 20 to 100 psi is required to correctly operate your EcoWasher® PRO.
- Water quality may affect the performance of your EcoWasher® PRO. If you have water quality concerns, please contact our EcoWasher® service line.

## Location Requirements

- Never install the EcoWasher® PRO in areas where water may freeze, as the unit retains some water in it and freezing can cause damage to its components.



# INSTALLATION

## What's included in your EcoWasher® PRO box?

(1) EcoWasher® PRO Laundry Unit	(1) Laundry Hose
(2) Screws	(1) User Guide (you're reading it!)
(2) Drywall Anchors	(1) Warranty Card
(1) EcoWasher® Screwdriver	(1) Installation Guide / Template
(1) EcoWasher® Power Adapter	for screw placement

- 1.** Choose an area on your wall near your washing machine for installation. This area should be close to a power outlet and your home's water inlet (where your current laundry hose is already connected). There should also be at least one inch (1") of clearance above where the laundry unit will be installed.
- 2.** Place the EcoWasher® PRO mounting template (included) on the wall to determine where the screws will need to enter the wall.
- 3.** Mark the screw locations and make sure they are horizontal.

The use of a level is recommended to ensure that they're located at the same height. *Please remember that the EcoWasher® PRO must be installed horizontally and will not work properly if installed at an angle or vertically.*

**4.** Use the screwdriver to drive screws into each of the holes, securing the screws either into a drywall anchor or into a stud behind the wall. Leave  $\frac{1}{4}$  inch remaining unscrewed. *A 3/16 drill bit is recommended when using the included drywall anchors.*

**5.** Remove front cover of the EcoWasher by pressing down on the tabs located on the left and right sides of the unit. Gently push up on sides of the unit, and slide the face of the unit off. Hang the back of the EcoWasher® PRO (without the front cover) on the screws through the mounting holes provided. Make sure it is secure and will not fall. Gently tighten the remaining  $\frac{1}{4}$  inch of the screws. **Do not overtighten the screws or you could damage the EcoWasher® PRO.**

**6.** Turn OFF your home's cold water faucet, located near your washing machine. Turn your washing machine settings to

# INSTALLATION (cont'd)

“COLD” water only and run the machine for a moment to help remove excess water from the cold water hose. *Note: some washing machines mix hot water with cold to ensure a minimum water temperature, so you may not see the water stop. Running the washing machine for a few seconds should be adequate.*

**7.** 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® PRO. Do **NOT** overtighten. Just make sure there is a secure fit. *Note: make sure the hose is in good, functional condition. Replace the hose if it appears worn out.*

**8.** Attach the hose included with the EcoWasher® PRO to the location marked “INLET” on the EcoWasher® PRO. Attach the other end to the cold water faucet. **Tighten both ends of the hose, but be careful to NOT overtighten.**

**9.** **SLOWLY** turn your home’s cold water faucet back on. *The EcoWasher® uses cold water only but, we recommend you keep*

*the hot water hose connected to the washer and hot water faucet to prevent backflow. **Make sure there is no leaking from any of the cold water hoses.***

**10.** Replace the front cover of the EcoWasher® PRO. Slide the cover down until the cover release tabs snap into place on the sides.

**11.** Plug in the DC adapter to the EcoWasher® PRO, then plug into your outlet. It is now installed for operation. The EcoWasher® PRO is automatic and will turn on when water flows through it. A blue light will appear only when water flows through the unit. Finally, run the wash cycle on your washing machine 2-3 times before adding any laundry. This helps to remove all detergent buildup accumulated in the machine.

**NOTE: IF YOU OWN A SMART WASHER**

For some “Smart” washing machines a “Y” splitter may be necessary. For more information see page 15 for troubleshooting or please contact EcoWasher service at (800) 599-5191.

# INDICATORS & ALARM SYSTEM

## Indicator Light

The indicator light, viewed through the window in the front of the EcoWasher® PRO, has two states:

- A blue light indicates the normal operating condition of EcoWasher® PRO.
- A flashing red light indicates the fan or ozone generator is not operating properly.

## Alarm

Your EcoWasher® PRO is equipped with an internal leak detector. If a leak happens to develop on the inside of the unit, the water will accumulate on the bottom panel. The sensor will set off an audible alarm and will automatically turn the unit off. This alarm will continue to buzz until the leak is stopped and/or the unit is unplugged. If this alarm should occur, you should unplug the unit, turn off the cold water valve, and call our Customer Service team for support.

# DAILY USE

## **Daily Use of EcoWasher® PRO**

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

## **Non-Use or Vacation Care**

Operate your washer and EcoWasher® PRO only when you are at home. 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® PRO 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. However, for normally soiled laundry, you will not need to use detergent, though you may use a little bit if you prefer.

# TROUBLESHOOTING

## **Unit not turning on?**

This is a hose or power connection problem. Be sure to check the power cables for a secure connection and make sure that the hoses to your EcoWasher® PRO are connected to the correct inlet/outlet.

## **Are there suds in the basin after the first few uses?**

Some detergent residue from your clothing is being cleaned out. This may take several washes depending on how much residue is left behind in the fabrics.

## **Why are strong odors in clothing not coming out?**

To eliminate extreme odors and smells from heavily soiled clothing, try using the extra rinse setting on your washing machine. You could also run your clothes through two wash cycles with no extra use of detergent. Either option should solve the problem. All chemicals will be dissolved from the laundry by the end of the rinse cycle.

*Note: Any stains that you would normally pretreat, continue to do so before using EcoWasher® PRO.*

## **Why are my whites not getting brighter?**

This could be due to poor water quality. Usually whites become dingy due to poor water quality such as corroded pipes or high iron content, etc. Try adding a small amount of bleach to your laundry. The bleach will assist in brightening but will be dissolved by the oxidized water by the end of the rinse cycle.

## **Why is my washing machine giving me an error code?**

Your “smart” washer has been preprogrammed to add some hot water to the load even when you choose the “cold/cold” option. In order to *outwit* your “smart” machine, a simple add-on is available. Please call us at 1.800.599.5191 for complete details.



# FREQUENTLY ASKED QUESTIONS

## **Do tough stains have to be pretreated?**

We recommend that you continue to treat stains in the same way you did before using EcoWasher® PRO.

## **Why does the EcoWasher® PRO blue light turn off during cleaning cycle?**

The EcoWasher® PRO is only activated as water flows through the unit. After the water enters the washing machine the EcoWasher® PRO will turn off and the blue light will not appear.

## **Does EcoWasher® PRO work with all forms of water?**

EcoWasher® PRO will work with all household water qualities, but the better the incoming water quality the better the results you will have. If you have hard water, the EcoWasher® ELITE is recommended over our “Pro” model. With the EcoWasher® ELITE, hard water will pass through a powerful magnetic field that will polarize the water molecules. These polarized water

molecules will take on a net positive charge, resulting in soft water characteristics.

### **What types of washing machines can work with EcoWasher® PRO?**

EcoWasher® PRO can be used with almost any residential machine.

### **Will the EcoWasher® PRO work with commercial washing machines?**

EcoWasher® PRO is designed and recommended for residential use only, not for any commercial or industrial applications.

### **Is EcoWasher® PRO only used with washing machines?**

Yes, the treated water by EcoWasher® PRO is only for cleaning laundry. The water from your EcoWasher® PRO is not intended for drinking or ingesting.

# FREQUENTLY ASKED QUESTIONS

## **What parts will need to be replaced on the EcoWasher® PRO?**

We don't expect regular part replacements under normal operation. The oxidizing module should last up to 10 years, but it is easy to replace if needed after several years of use. Please contact our Customer Service team to order a new oxidizing module.

## **What is that smell?**

On occasion, some EcoWasher® PRO users will notice in their laundry room a fresh smell similar to after a thunderstorm. This is the all natural, safe, and healthy aroma of nature's most powerful cleaning agent, ozone.

# WARRANTY SERVICE

Your EcoWasher® PRO is warranted to be free from all defects in material and workmanship in normal household use for a period of (3) years from the date of purchase.

The warranty is granted only to the original purchaser and members of his or her immediate household. The warranty is subject to the following provisions: any damages or malfunctions caused by negligence, abuse, or use not in accordance with the Owner's Manual are not covered by this warranty. Likewise, any defects or damages caused by unauthorized service or the use of other than genuine 7 Heavens LLC parts are not covered.

7 Heavens LLC will, at its option, repair or replace a defective EcoWasher® PRO or part(s) for the EcoWasher® PRO that is covered by this warranty. As a matter of warranty policy, 7 Heavens LLC will not refund the customer's purchase price. To activate your warranty, please fill out and send the included warranty card to the address on the card.

To obtain warranty service, you must return the defective EcoWasher® PRO or EcoWasher® PRO parts along with proof of

## WARRANTY SERVICE (cont'd)

purchase to 7 Heavens LLC. All transportation charges on parts, or units, submitted under this warranty shall be borne by purchaser. Unless this warranty is expressly renewed or extended by 7 Heavens LLC, any repaired or replaced part of unit shall be warranted to the original purchaser only for the length of the unexpired portion of the original warranty. For warranty information, service and troubleshooting, please contact EcoWasher® Support:

### **EcoWasher® Support**

Sales/Service line: 1 (800) 599-5191

Email: [info@ecowasher.com](mailto:info@ecowasher.com)



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