

INTRODUCTION

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'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) 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 (odors) without leaving any chemical residual detergent in your clothes.

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

- Adds no pollutants to the water
- Works automatically. After proper installation, simply operate your washing machine following the manufacturer's operating instructions. EcoWasher™ PRO will start working on its own when the washing machine starts to work, and it will automatically turn off when the washing machine isn't using water.

Model	EcoWasher™ PRO (7H-ECO-01)
Electrical	Input: AC 100-240V/50-60Hz Output: DC 12V 3A 36W
Ozone Concentration	0.5 ~ 1.0 mg/L
Water Pressure	Minimum : 20psi Maximum : 100psi
Operating Temperature	0°C ~ 78°C
Product Dimension	417mm X 202mm X 93mm
Net Weight	1.75 Kgs

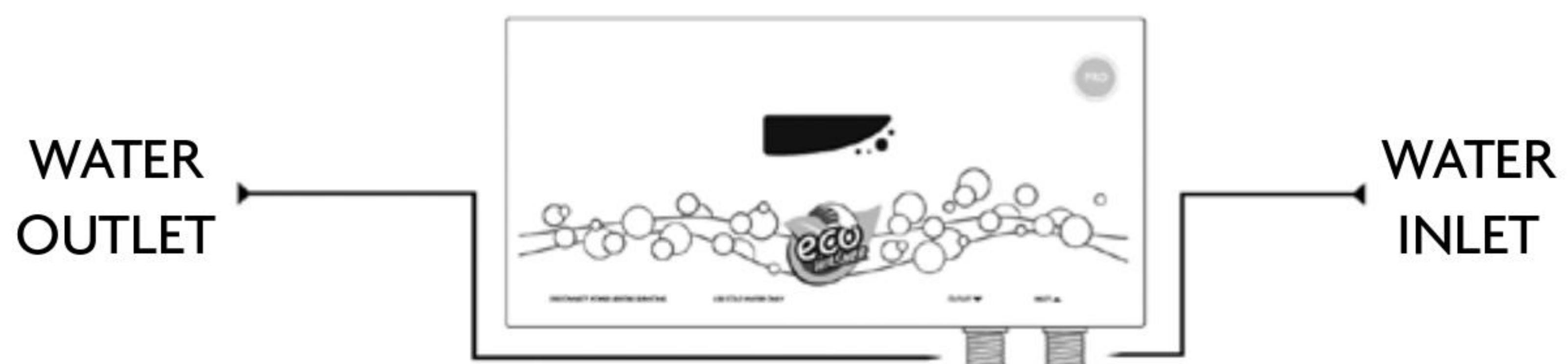
USE & SAFETY CONSIDERATIONS

Before using, please read the User Guide carefully.

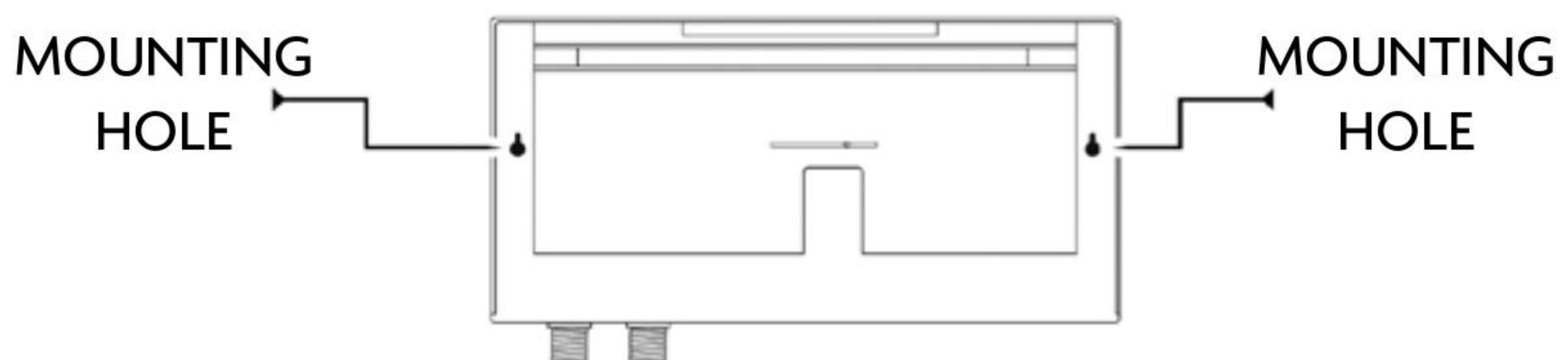
- Disconnect power cord before servicing.
- Do not operate the unit with the cover removed.
- Maximum water inlet pressure is 100psi.
- Use the supplied new hose when connecting EcoWasher™ PRO to your washing machine. We also recommend replacing any existing washing machine hose that is more than 2 years 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 32°F ~ 172°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

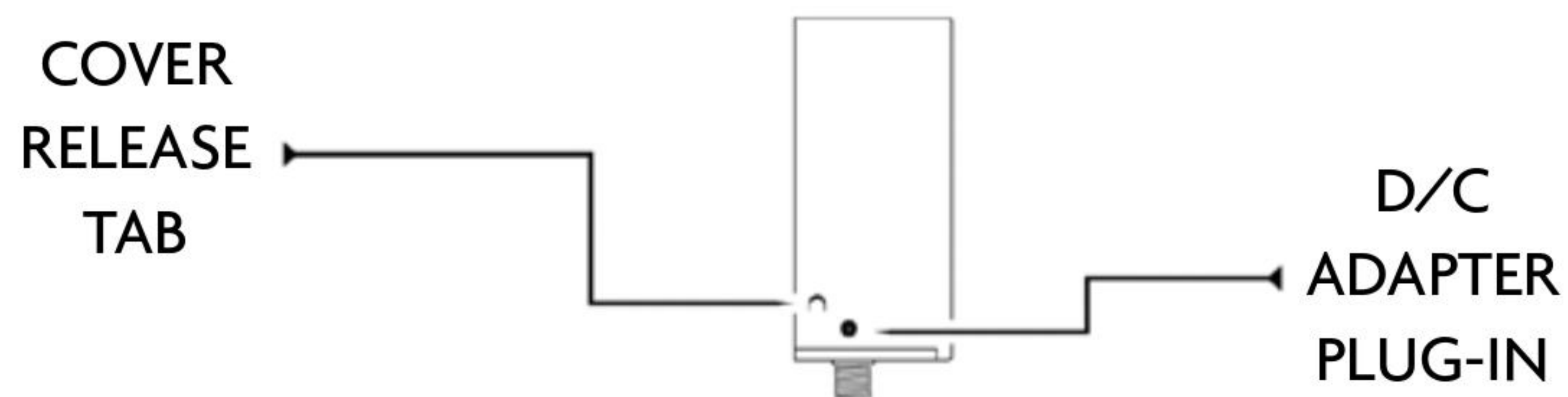
FRONT DIAGRAM :



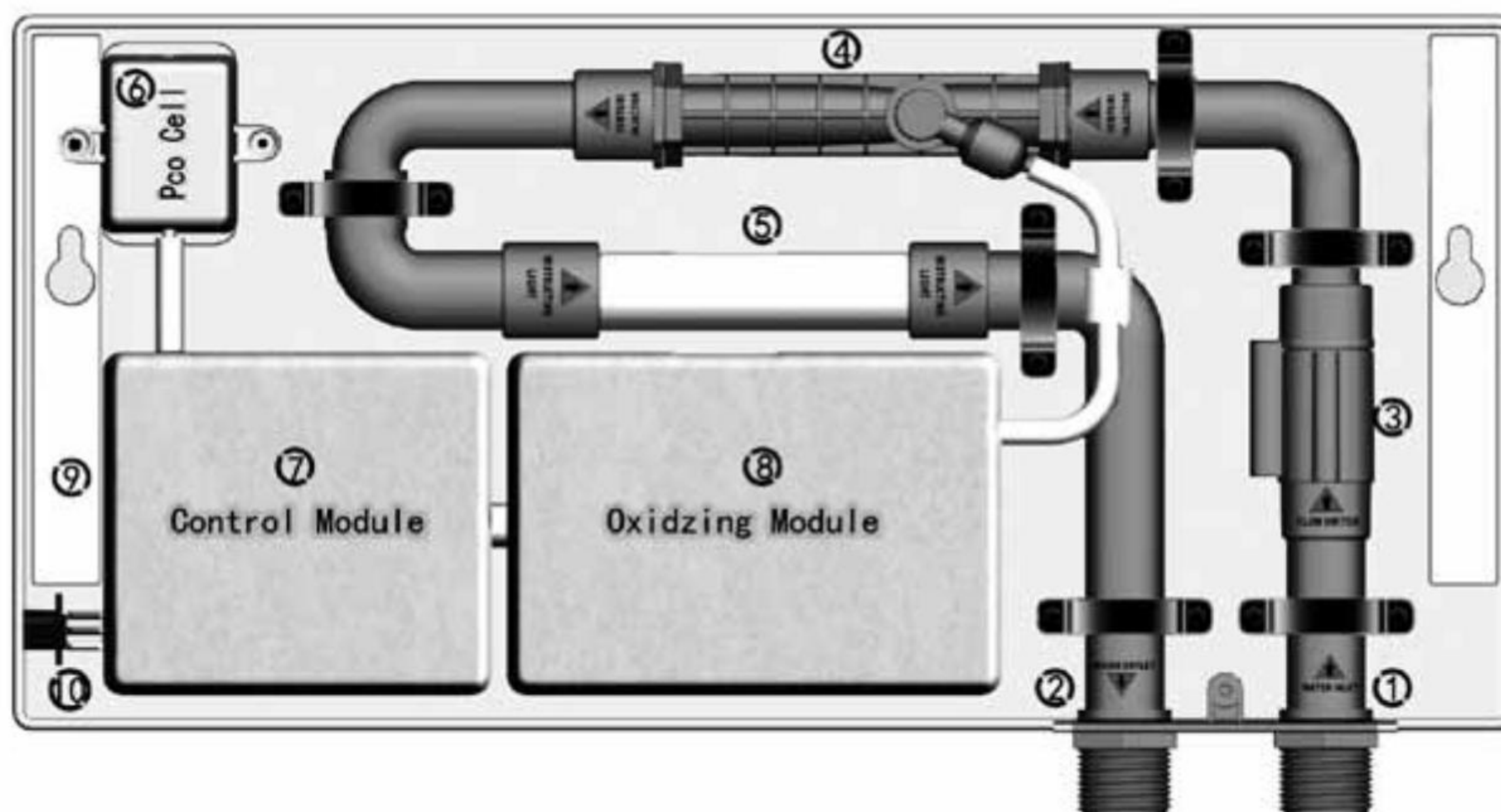
REAR DIAGRAM :



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 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™ PRO.
- 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, consult a water filtration expert.

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

*EcoWasher™ PRO comes with the following for installation:
EcoWasher™ PRO laundry unit; paper template for screw placements; (2) screws; (2) drywall anchors; screwdriver; power cord; laundry hose.*

- 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 ¼ inch remaining unscrewed.
- 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 ¼ 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 "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.*

INSTALLATION (cont'd)

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.**

Strong odors in clothes not coming out?

To eliminate extreme odors and smells from heavily soiled clothing, try adding an eighth of a cup of liquid detergent to your wash water. 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 getting dingy?

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 time the rinse cycle ends!

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.

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.

No ozone smell?

This could mean a problem with the oxidizing module. If there is no ozone smell at all, it may be producing ozone, but not injecting it into the water correctly. The oxidizing module may have failed. Contact your distributor or dealer for a replacement.

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

Some residue or detergent from previous loads of laundry is being cleaned out. Run your washer multiple times without clothing until the problem is resolved.

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. For normally soiled laundry, using EcoWasher™ PRO will allow you to eliminate the use of detergent, though some people still choose to use a little detergent.

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™ PRO is recommended over our “Pro” model. With the ProPlus, 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.

FREQUENTLY ASKED QUESTIONS

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.

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.

WARRANTY SERVICE

Verified EcoWasher® purchases are warranted to be free from all defects in material and workmanship for 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 if given as a gift. The warranty is subject to the following provisions: any damages or malfunctions caused by negligence, abuse or unauthorized service are not covered.

EcoInventions® (Official Distributor of EcoWasher®) will, at its option, repair or replace a defective EcoWasher® or EcoWasher® related part that is covered under this warranty. As a matter of warranty policy, refunds will only be given within the first 30 days of purchase. Unless warranty is renewed or extended with proper authorization, 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 our service team at 800-599-5191, or email us at service@ecowasher.com