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EcoLaundry G3 OLK-W-03
User's Manual

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Before use your Ecolaundry G3, please read the user's manual carefully.

Product Purpose

Ecolaundry G3 is an environmental friendly appliance intended for using in a residential laundry facility to work with your washing machine, adopts magnetizing principle to treat the tap water firstly, then mixed active oxygen and silver ions into the magnetized water used for laundry. The processed water can wash clothes cleanly and kill bacteria on clothes without leaving any residual detergent.

The operation of Ecolaundry G3 is easy and convenient. As long as you install Ecolaundry G3 properly, you simply need to operate your washing machine following manufacturer's operation instructions. Ecolaundry G3 will start working automatically when the washing machine starts to work, and it will automatically turn off when the washing machine stops.

The Ecolaundry G3 has three levels ozone; based on various clothing, people can choose high level, low level and no ozone through control the touch key on left side of the Ecolaundry G3.

Specification

Model	EcoLaundry G3 (OLK-W-03)
Electerical Input	AC 100-240V/50-60Hz
Electerical Output	DC 12V 3A
Ozone level	0.5~1.0mg/L
Water Pressure	40 psi ~100 psi
Operating Temperature	Cold water ONLY
Product Dimension	18.8"x9.45"x3.15"
Net Weight	6.61lbs

Product Diagram & Package Contain

In the gift box,you should get items as below.

Ecolaundry G3

Quick Start Guide

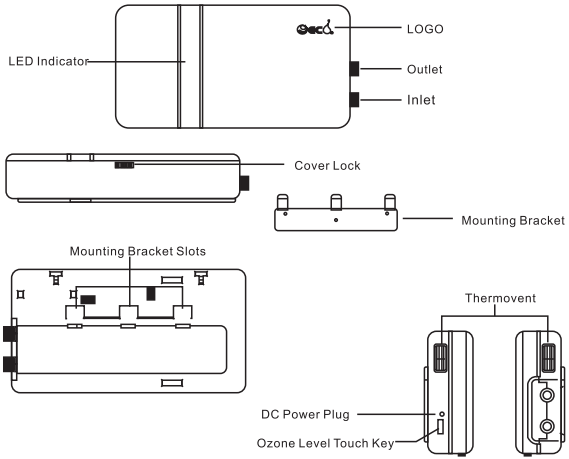
Mounting Bracket

Power Adapter

Laundry Hose

Mounting Screws

Dry Wall Anchors



Use & Safety Consideration

☑ Before using, please read the User's Manual carefully.

☑ Ecolaundry G3 can work with cold water ONLY, without components breakdown.

☑ Maximum water inlet pressure is 100 psi.

☑ Uses the supplied new hose when connect the Ecolaundry G3 unit to your washing machine. You should replace any existing washing machine hose that is more than 2 years old, with a new one.

☑ Use a soft cloth dampened with water. Do not clean your Ecolaundry G3 with harsh chemicals, abrasives or cleansers.

☒ Disconnect ALL power before servicing.

☒ Do not operate the unit with the cover removed

☒ To avoid the possibility of water damage (i.e. a hose leak) it is recommended that you always turn off the water supply valves/faucets when the washing machine is not in use.

☒ Do not mount the Ecolaundry G3 unit vertically or at an angle.

☒ Ecolaundry G3 is designed for residential use onlynd is not intended for use in a commercial or industrial setting.

Installation Requirements

Electrical Requirements

☑ Ecolaundry G3 requires 120Volt 60Hz power on a 15amp fuse or Circuit Breaker.

☒ NEVER use an extension cord or a power adapter other than the one provided with Ecolaundry G3.

Water Requirements

Water pressure of 40 to 100 psi is required to correctly operate your Ecolaundry G3.Water quality may affect the performance of your Ecolaundry G3. If you have water quality concerns, such as high content, consult a water filtration expert.

Installation

1. The Ecolaundry G3 should be fastened to the wall, just above and behind your washing machine. First, mount the included metallic plate onto the wall. The mounting bracket has three mounting holes, together with 3 anchor screws (included).
2. Secure the mounting bracket to the wall with the anchor screws, making sure the plate is level. (A level is recommended to ensure the mounting bracket is horizontal. Tilt installation may affect the product operation and visualization.
3. There are 3 sockets located on the backside of the Ecolaundry G3. Carefully slide the unit down aligning the 3 sockets onto the metallic plate. The Ecolaundry G3 should be hanging securely onto the metallic plate.

4. Turn OFF your home's cold water faucet, located near your washing machine. Turn your washing machine setting 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 water to ensure a minimum water temperature, so you may not see the water stop. Running the washing machine for a second should be adequate.

5. Remove your existing hose from the cold water faucet but keep the hose attached to your washing machine. Connect your existing hose to the area marked water " OUTLET" on the Ecolaundry G3. Don NOT over tightens. 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.

6. Attach the hose included with the Ecolaundry G3 to the area marked water "INLET" on the Ecolaundry .Attach the other end to the cold water faucet. Tighten both ends if the hose, but be careful to NOT over tighten.

7. Slowly turn your home's cold water faucet back on. Make sure there is no leaking from any of the cold water hoses.

8. Plug in the DC adaptor plug to the Ecolaundry G3 unit, and then plug into your outlet. It is now installed for operation. The Ecolaundry G3 is automatic and will turn on when the water flows through it. A blue light will appear only when water is flowing 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.

Indicators & Alarm System

Indicator Light

The vertical LED bar, viewed on the cover of your Ecolaundry G3, has two states of operation.

Blue light Indicates normal operation of Ecolaundry G3.

Flashing Red Light indicates the ozone generator or silver ions probe is not operating properly. Please contact your dealer for service or go to Ecolaundry service centre.

LED bar Diagram



When plug in and the Ecolaundry G3 is stand- by, it will be

☑ It is suggested to choose "H" if you need to clean strong stains and white clothes for better result.

☑ It is suggested to choose "L" if you need to clean normally or some vulnerable clothing (i.e. silk & linen) or clothes easy to be rubbing off.

☑ When no 03 signal on the led bar, it indicates no ozone in the water.

Note: You need to touch the key on the left side of the unit to choose different ozone levels.

The water drop will be in red if water leaks. Your Ecolaundry G3 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

The use of Ecolaundry G3 is very easy after installed and connected properly. You just need to operate your washer according to the instruction provided by the manufacturer of your washer.

Non-use or Vacation Care

Operate your washer and Ecolaundry G3 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 Ecolaundry G3 and turn off the water supply. This helps avoid accidental flooding due to a water pressure surge while you are away.

Stains

For some serious or special stains, we suggest that you pre-treat them, just as you did before. For normally soiled laundry, you may not need to use any detergent powder or other detergent.

Air Dryer

After ECO Laundry G3 finally stops working for 2 hours, the air dryer will start to work, lights on. The air dryer keeps operating for 2 hours, and lights off. ECO Laundry G3 enters the mode of standby.

NOTE: Please DO NOT operate the device when the air dryer is regenerating!

Replacement of Silver Probe

Under normal residential usage, the Silver Ion Probe installed in your Ecolaundry G3 has a life expectancy of approximately one and a half years. When the indicator light (seen through the window in the front of the unit) turns red, it shows that the Silver Ion Probe needs to be replaced. Please contact our Customer Service team to order a new Silver Ion Probe and replace it as the following step:

1. Turn off the water supply valve / faucet.
2. Turn on the wash machine momentarily to relieve any internal water pressure within the Ecolaundry G3 unit.
3. Turn off the washing machine and unplug the power adapter of the Ecolaundry G3.
4. Push the Ecolaundry G3 a little higher than the mounting bracket, and take it off from the mounting bracket.
5. Find the 4 screws holes on the base, unscrew and press the cover, you will see the Silver Ion Probe (see the structure diagram).
6. Unscrew the Silver Ion Probe with the supplied wrench, and then fix the new one. (Tighten the Silver Ion Probe in order to avoid water leakage.
7. Reconnect the electrical connectors of the new Silver Ion Probe, making sure that the retainer features snap together properly.

Frequently Asked Questions

Do tough stains have to be pretreated?

We recommend that you continue to treat stains in the same manner as always. Tough stains should be pre-treated in the same method as before using the Ecolaundry G3. For normally soiled laundry, the use of the Ecolaundry G3 will allow you to use less detergent or no detergent at all.

Does Ecolaundry G3 work with all forms of water?

Ecolaundry G3 will work with all household water qualities, but the better the incoming water quality the better the results you will have. If you use hard water, we recommend that you use a water softener for hard water and/ or a pre-filter for chlorine.

Will the Ecolaundry G3 work with Commercial Washing Machines?

Ecolaundry G3 is designed and recommended for residential use only, not for any commercial or industrial applications.

Is Ecolaundry G3 only used with washing machine?

Yes, the treated water by Ecolaundry G3 is only used to launder clothes. The water from your Ecolaundry G3 is not intended for drinking or ingesting.

What parts will need to be replaced on Ecolaundry G3?

Silver Ion Probes will need to be replaced when consumed during normal operation and usage. In the average application, under normal usage, the Silver Ion Probe has an expected life expectancy of up to one and a half years. When the indicator light turns red, the Silver Ion Probe should be replaced. Please contact with our Customer Service team to order a new Silver Ion Probe.

Trouble shooting

1.Unit fails to turn on.

Hose or power supply connection problem

Be sure to check the power cables for a secure connection and make sure that the hoses to your Ecolaundry G3 is connected to the correct inlet / outlet and your cold water facucet is turned on.

2.Flashing red light.

1) **O3 signal – Oxidizing module has failed.**
   Unplug the unit and restart in 3 minutes, if in blue; the unit works well; if in flashing red light, contact your dealer for replacement.
2) **Ag+ signal- Silver ions probe has failed or need to be replaced.**
   Unplug the unit and restart in 6 seconds, if in blue; the unit works well; if in flashing red light, contact your dealer for replacement.

3.No ozone smell in the laundry.

1) Check you choose the right ozone mold.
2) Make check for the obstruction between the Ecolaundry G3 and the washer (inlet screen to the washer). Ensure house pressure at the supply valve has minimum of 40 psi. If this fails to correct the problem then backlash your unit by switching the hoses on the Ecolaundry G3 hose fitting and place the cold water in hose into the basin to drain clear the Venturi. Then return hoses to proper connections.

4.Clothes are being bleached.

Incorrect ozone level setting.

1) Ensure you have the correct ozone level for different clothes washing.
2) For some top-loading washer, when using the Ecolaundry G3, ensure that a blod or dark colored clothing is not in the direct line of the pouring water. It is recommended to place white color clothing directly under the pout stream to absorb the initially high oxidizers concentration.

5.Sudes in the basin after first uses.

Detergents or residue is being cleaned out.

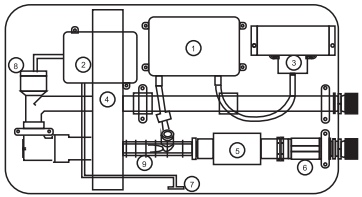
Some detergents residue from your clothing is being cleaned out. This may take several washes depending on how much residue is left behind in the fabrics.

6.Clothes have a rusty colored stain to them.

Pour water quality such as corroded pipes or high iron content, etc. Re-wash them in a clean water source or try to add 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.

Maintenance Service

Internal Diagram



1 Oxidizing Module 2 Control Module 3 Air Dryer
4 LED indicator bar 5 Magnetizer 6 Flow switch
7 Leak Detective 8 Silver ion probe 9 Venturis

Replacement Parts

	Part Name	Part No.
1	Oxidizing Module	Eco Laundry G3-P- OM
2	Control Module	Eco Laundry G3-P- PCB
3	Air Dryer	Eco Laundry G3-P- AD
8	Silver Ion Probe (Optional)	Eco Laundry G3-P- SIP

Maintenance Service

Your Ecolaundry G3 is warranted to be free from all defects in material and workmanship in normal household use for a period of (1) year from 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 Wowtech parts are not covered.

Wowtech will, at its option, repair or replace a defective Ecolaundry G3 or part(s) for the Ecolaundry G3 that is covered by this warranty. As a matter of warranty policy, Wowtech will not refund the customer's purchase price. Please recorder the following Warranty Card when you purchase the unit from Wowtech or the distributor.

To obtain warranty service you must return the defective Ecolaundry G3 or Ecolaundry G3 parts along with proof of purchase to Wowtech or Wowtech Authorized Warranty Station. 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 Wowtech, 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.

Please contact us without hesitation if you need help.

Sales service line：0086-574—87883320
Consultation line：0086-574—87883320
Email: export@nbwowtech.cn sales@nbwowtech.cn

Warranty Card

Customer Name		Model No.	
Purchase Date		Serial No.	
Customer Address			
Customer Phone			
Dealer in formation			