

PLATINUM

IONIC LAUNDRY PURIFIER

BY LAKE INDUSTRIES



Owner's Manual

TABLE OF CONTENTS

Product Contents / Unit Diagram	3
About PLATINUM Ionic Laundry Purifier.	4
Specifications	4
Using PLATINUM Ionic Laundry Purifier.	5
Warnings.	6
Installation Requirements	7
Installation	8
Features	9
Frequently Asked Questions	10
Troubleshooting	11 - 12
Maintenance.	13
Desiccant Cartridge Replacement Instructions	14
Warranty.	15

RECORDS

Please record the name and phone number of your Dealer.

Name: _____

Phone #: _____

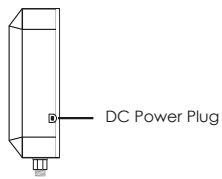
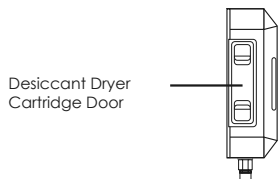
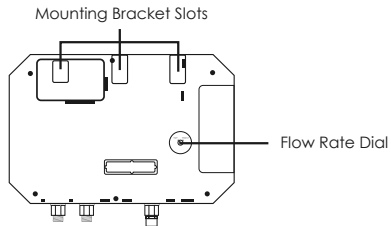
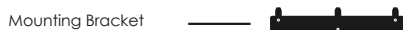
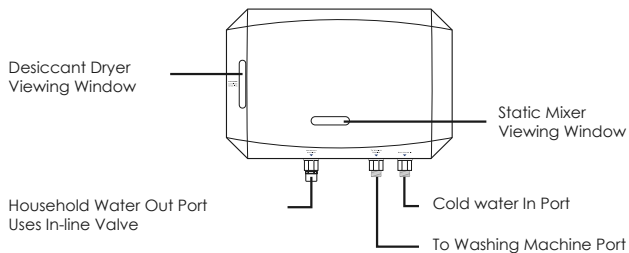
Please record the serial number of your PLATINUM Ionic Laundry Purifier

Serial #: _____

PRODUCT CONTENTS/UNIT DIAGRAM

This package contains:

- | | |
|-----------------------------------|-----------------------------|
| 1 PLATINUM Ionic Laundry Purifier | 3 Mounting Screws |
| 1 Quick Start Guide | 3 Dry Wall Anchors |
| 1 Power Adapter | 1 Household Water Out Valve |
| 1 Mounting Template | 1 Stainless Steel Hose |
| 1 Mounting Bracket | 1 Hose Sprayer |



ABOUT PLATINUM Ionic Laundry Purifier

PLATINUM Ionic Laundry Purifier is an environmentally friendly appliance designed to work with your residential washing machine, adding enhanced oxygen and Photo Catalytic Oxidizers to the cold water supply. Water treated by PLATINUM Ionic Laundry Purifier aids in cleaning laundry and killing bacteria without leaving residual detergent in the fabric. Many people find they are allergic to detergents used in washers and detergents create an environmental problem as they are dispersed into the waste water by washers.

The operation of PLATINUM Ionic Laundry Purifier is easy and convenient. Once your PLATINUM Ionic Laundry Purifier is properly installed, you simply operate your washing machine following the manufacturer's instructions for cold water only washing. PLATINUM Ionic Laundry Purifier is designed to automatically turn on as soon as the washer demands water for the wash cycle and again for any rinse cycles. You will be able to see the production of enhanced oxidation bubbles through the viewing window as it glows blue. When the water stops flowing, your PLATINUM Ionic Laundry Purifier will automatically turn off after one minute.

SPECIFICATIONS

Model: *8000

Electrical INPUT: AC 100-240V/50-60Hz

Electrical OUTPUT: DC 12V, 3A

Water Pressure Required: 40-75 psi

Water Operating Temperature:..... Use Cold Water Only

Dimensions: 12.72" H x 16.34" W x 3.66" D

Weight: 6.2 lbs

USING YOUR PLATINUM Ionic Laundry Purifier

Daily Use

Using PLATINUM Ionic Laundry Purifier is very easy. You simply operate your washing machine according to the instructions provided by the manufacturer. The only difference is that you **ONLY** use the cold water setting on your washer. If hot water is used it dilutes and defeats the effectiveness of the oxidizers that the PLATINUM Ionic Laundry Purifier has introduced into the wash water.

Turn Off Water During Non-Use

IMPORTANT: To avoid possible property damage due to flooding, turn off the water supply to PLATINUM Ionic Laundry Purifier during periods of nonuse. Operate your washer and PLATINUM Ionic Laundry Purifier only when you are at home.

Stains

We suggest that you pre-treat stains just as you would without a PLATINUM. However, for normally soiled laundry, you should only need a very small amount of detergent or none at all.

How to tell PLATINUM Ionic Laundry Purifier is Workin

You can easily tell if PLATINUM Ionic Laundry Purifier is operating properly by viewing the water as it flows through the clear tube behind the window on the unit. Bubbles should be visible in the water as it flows through and the window should emit a blue glow. If you do not see bubbles, please ensure that you have the proper Venturi Setting (Using the Flow Rate Dial) selected for your washing machine. High-efficiency or front load washers should use the Front Load Setting, but standard-efficiency top-loading washers should use the Top Load Setting. If the Top Load Setting is used on a high-efficiency washer, there likely will be no bubbles and you will not experience the benefits of using PLATINUM Ionic Laundry Purifier.

WARNINGS

For your safety and the proper operation of the product, please read through the warnings below before beginning installation, cleaning, or maintenance.



- Disconnect power before servicing.



- Do not operate the unit with the cover removed.
- PLATINUM Ionic Laundry Purifier is designed for residential use only and is not intended for use in a commercial or industrial setting.
- Water treated by PLATINUM Ionic Laundry Purifier is intended for laundry or cleaning purposes ONLY. It is not approved for drinking or ingesting.
- PLATINUM Ionic Laundry Purifier is intended for use with COLD WATER ONLY, however the hot water hose should remain connected to the washer and supply faucet to prevent backflow leaks. The hot water faucet should be turned to the off position to ensure the use of COLD WATER ONLY. If your washer requires water to be available through the hot water inlet, even on the COLD-COLD setting, use a Y-Type splitter to attach to the TO WASHER outlet to supply both the COLD and HOT water hoses.
- Risk of water leaks from ruptured hoses or PLATINUM internal plumbing could occur with major water pressure surges.
- Maximum inlet water pressure is 75 psi.
- Never install the PLATINUM Ionic Laundry Purifier in areas where water may freeze. PLATINUM Ionic Laundry Purifier will always maintain some water in the unit and freezing can cause damage to internal components.
- Do not use flood preventing hoses with auto shut off devices or hoses with an internal diameter of less than 3/8". The result will be inadequate flow to the PLATINUM which will affect the PLATINUM operation and greatly reduce performance.
- To avoid the possibility of water damage due to flooding it is recommended that you always turn off the water supply valves/faucets when the washing machine is not in use.



- PLATINUM Ionic Laundry Purifier is not recommended to treat water with high iron content. If your water has high iron content, consult a water quality expert for available options.
- Your PLATINUM Ionic Laundry Purifier can be cleaned with a damp soft cloth. Do not clean your PLATINUM Ionic Laundry Purifier with harsh chemicals, abrasives or cleaners.

INSTALLATION REQUIREMENTS

Electrical Requirements:

- PLATINUM Ionic Laundry Purifier requires 120 Volt 60 Hz power on a 15 amp fuse or circuit breaker.

Water Requirements:

- Water pressure of 40 to 75 psi is required for PLATINUM Ionic Laundry Purifier to operate correctly and safely.
- Water quality may affect the performance of your PLATINUM Ionic Laundry Purifier. If you have water quality concerns, such as high iron content, consult a water filtration expert.
- Some later model high-efficiency washing machines require water from both the cold and hot water supplies even if a cold water cycle is selected. In this case the To Washer and Household Use outlets can be connected to supply the hot and cold water inlets on the washer, or a Y-valve can be used to connect both the cold and hot water hoses from one of the PLATINUM Ionic Laundry Purifier outlet hose to the washing machine.

PRIOR TO INSTALLATION:

1. Remove your PLATINUM Ionic Laundry Purifier from its packaging and inspect for any shipping damage.
2. Turn off the hot and cold water supplies/faucets to your washing machine.
3. Remove the cold water hose from the cold water faucet.
4. Set Flow Rate Dial for type of washer. (i.e. Top Load, Front Load) by turning the dial on the rear of the unit to the correct setting.
5. Remove the Desiccant Dryer Cartridge and peel away the Moisture Blocking Tab. Replace the Cartridge when finished.

INSTALLATION



Water supply faucets should be readily accessible to permit turning them off when PLATINUM Ionic Laundry Purifier is not being used.



IMPORTANT: Turn off water supply whenever PLATINUM Ionic Laundry Purifier is not in use.

1. The PLATINUM Ionic Laundry Purifier should be fastened to the wall, just above and behind your washing machine. It is recommended that one of the mounting holes on the PLATINUM Ionic Laundry Purifier be mounted to a wall stud, if possible. One set of mounting screws are included. If it is not possible to mount the PLATINUM Ionic Laundry Purifier to a wall stud, you should use the provided "molly" type expandable screw anchors. For any other type of mounting scenarios (concrete block, etc.) please consult your local hardware store for assistance.
2. Use the provided Mounting Template to place your Mounting Bracket onto the wall with the tabs facing up and away from the wall, making sure it is level, mark the locations of the screw holes. If necessary, pre-drill your holes and use the supplied Wall Anchors. Fasten the Mounting Bracket to wall using the supplied screws.
3. Place your PLATINUM Ionic Laundry Purifier against the wall and gently slide the unit down into the lock position of the mounting bracket slots.
4. Connect the cold water hose from your washer to the "To Washing Machine" port on your PLATINUM Ionic Laundry Purifier. Check that the rubber washer in the hose is in place and properly tighten the hose, but DO NOT overtighten. Use a wrench to hold the hose bib secure while tightening the hose connection.
5. With the supplied hose, connect the "Cold Water In" port on the PLATINUM Ionic Laundry Purifier to your Cold Water Supply Faucet. Make sure rubber washers are in place and properly tighten, but DO NOT overtighten. Again, use a wrench to hold the hose bib secure on the PLATINUM Ionic Laundry Purifier while tightening.

Do not use flood-preventing hoses with auto shutoff devices. The devices can be tripped during fill and prevent the machine from filling properly.

Be sure the cold water connection has a shut-off valve and that hose connections are tight. CLOSE the shut-off valve at the end of each wash.

6. Plug the power adapter into the DC adapter plug-in on the right side of your PLATINUM Ionic Laundry Purifier and then plug the adapter into a wall outlet.
7. Ensure all hoses are properly installed and tightened, and that the power supply has been properly installed. SLOWLY turn the water supply back on and check for any leaks or drips. Gently tighten fittings if leaks are apparent, but DO NOT overtighten.



CAUTION: The hot water hose should not be disconnected from the washer. You can turn off the hot water or leave it on, but the hose must be installed to the washing machine to prevent backflow of water out of the washing machine during use.

FEATURES

Indicator Light

The Indicator Light, viewed through the horizontal window on the front of your PLATINUM has two states of operation.

- **Blue Light** - Indicates normal operation of PLATINUM.
- **Flashing Red Light** - Indicates the fan or oxidizer generator is not operating properly. Please contact your dealer for service or go to laundrypurifier.com.

Desiccant Dryer

The Desiccant Dryer is designed to remove moisture from the air flowing into your unit, which helps to ensure optimum performance and life from your PLATINUM.

The Desiccant Dryer (Located on the left side of PLATINUM and viewed through the vertical window) turns pink as it is used. When all of the blue beads in the dryer window have turned pink it is time to replace the dryer cartridge. Contact your dealer for a replacement cartridge or go to warranty.lakeindustries.com. Replacement instructions can be found on Page 14.

Household Cleaning

The same water that kills bacteria and germs in your laundry can now be used for other household cleaning purposes. The "Household Water Out" fitting (Diagrams. Pg. 3) on the bottom of your unit is for use with general household needs, such as cleaning, watering plants, washing pets or even rinsing fruits and vegetables. By using the "Household Water Out" fitting along with the In-Line Valve (included with your PLATINUM) you can have oxidized water available for most household cleaning purposes. Unfortunately, due to the nature of the oxidizers you cannot obtain water from PLATINUM and store it for later use. Water used for this type of cleaning needs to be used within 15-20 minutes.



WARNING: This water is not meant to be ingested.

FREQUENTLY ASKED QUESTIONS

Do tough stains have to be pretreated?

We recommend that you continue to treat stains in the same manner as you did before. However, for normally soiled laundry, using PLATINUM will allow you to use less detergent or no detergent at all.

Does PLATINUM work with all types of water?

PLATINUM will work with all typical household water qualities, but the better the quality of the water the better results you will have. If you have hard water, we recommend a water softener and the removal of chlorine will improve the unit's performance.

Is a pre-filter required

PLATINUM does not require a pre-filter, though we do recommend the use of one in all applications. If your water does have high iron content we suggest the use of a pre-filter specifically designed to remove iron.

What types of washing machines can work with PLATINUM?

PLATINUM can be used with any residential washing machines.

Will PLATINUM work with Commercial Washing Machines?

PLATINUM is designed for residential use only, not for commercial or industrial applications.

Is PLATINUM only for use with washing machines?

PLATINUM was designed to treat laundry water specifically. There are other appropriate applications such as cleaning floors or bathing pets which the Household Use Fitting can be used for. Water from the PLATINUM is not intended for drinking or ingesting.

What parts will need to be replaced on the PLATINUM?

PLATINUM is designed to provide many years of maintenance free service. The only consumable is the Desiccant Dryer Cartridge. If, after some time, you notice a decline in the effectiveness of PLATINUM, please contact your dealer for service or go to laundrypurifier.com Any pre-filters that might be used in conjunction with your unit will need to be replaced according to the time/use schedule their manufacturer recommends.

TROUBLESHOOTING

1. Unit fails to turn on.

Hose or power connection problem.

Check the power cables for secure connection and make sure the hoses to your PLATINUM Ionic Laundry Purifier are connected to the correct fittings, and that your cold water faucet is turned on.

2. Red light.

Oxidizing Module has failed.

Contact your dealer or visit laundrypurifier.com/warranty for replacement.

3. Simultaneous Flashing Blue Light and Sounding Alarm.

Power Supply Has Failed.

Contact your dealer or visit laundrypurifier.com/warranty for replacement.

4. No ozone smell in laundry.

Check the viewing glass for bubbles as it may be producing ozone but not injecting it into the water correctly. If no bubbles are present, your water supply hose may be restricted or you may need to change the setting for the PLATINUM Ionic Laundry Purifier. Lift the your PLATINUM off the mounting bracket. If set to the TOP LOAD setting, change to the FRONT LOAD setting and retest.

Contact your dealer or or visit laundrypurifier.com/warranty for replacement.

5. No bubbles are being created.

Incorrect pressure before/after Venturi, Venturi is plugged, or Flow Rate Dial is on the wrong setting.

First check for obstruction between the PLATINUM Ionic Laundry Purifier and the washer (inlet screen to washer). Ensure house pressure at the supply valve has minimum of 40psi. If this fails to correct the problem then backflush your unit by switching the hoses on the PLATINUM Ionic Laundry Purifier hose fittings and place the "Cold Water In" hose into the basin or bucket to drain to clear the Venturi.

Then return hoses to proper connections. Second, set the Flow Rate Dial to the FRONT LOAD SETTING.

TROUBLESHOOTING CONTINUED

6. Clothes are being bleached.

Incorrect Flow Rate Setting.

Ensure you have the correct setting chosen based upon your type of washer. If your problem continues go to lakeindustries.com/warranty for a replacement.

7. Suds in the basin after first uses

Detergent or residue is being cleaned out.

Run multiple washes without clothing until the problem is resolved. If problem persists contact your dealer or go to lakeindustries.com/warranty.

8. Discoloration occurs in the viewing tube.

High Tannin levels in your water source.

The use of a pre-filter is required. Contact local water specialist to find proper filter to remove Tannins.

9. Clothes have a rusty colored stain to them.

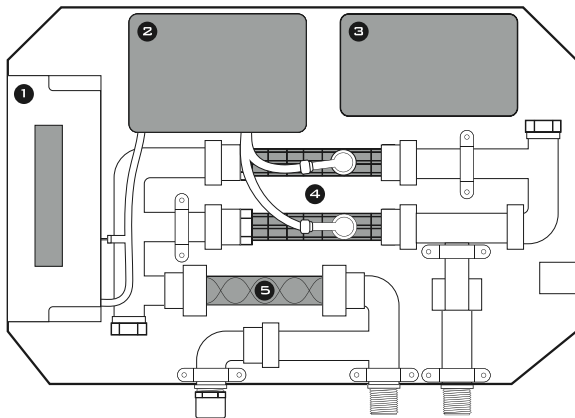
High Iron levels in your water source.

Do not dry or bleach the clothes as it will worsen the effects. Re-wash them in a clean water source before drying. The use of our pre-filter (page 16) or an Iron specific pre-filter is required.

MAINTENANCE

Internal Diagram

In case there is an issue with your PLATINUM in which you contact customer service, this diagram will be a resource in locating the part(s) of the unit as the customer service representative guides you through troubleshooting and servicing your unit.



- | | |
|---------------------|-----------------|
| 1. Desiccant Dryer | 4. Venturis |
| 2. Oxidizing Module | 5. Static Mixer |
| 3. Control Module | |

Replacement Parts

The only part that will need standard replacement is the Desiccant Dryer Cartridge. Below is the part number you will need when ordering a replacement from your dealer or laundrypurifier.com.

Desiccant Dryer Cartridge Part #: *8001

DESICCANT DRYER CARTRIDGE REPLACEMENT INSTRUCTIONS

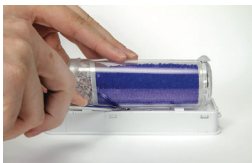
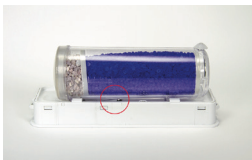
Your PLATINUM has a desiccant dryer incorporated in it to increase the unit's efficacy and extend its life. This dryer is filled with a couple of drying agents that remove moisture from the air. One of the agents, made up of blue silica gel beads, is visible through the dryer window. As this agent becomes saturated with moisture these beads will turn pink. Once all of the beads are pink the Desiccant Dryer will need to be replaced to keep your PLATINUM operating at maximum efficiency.

To replace the Desiccant Dryer, follow the instructions below:

1. Remove the door/tray on the left side of the unit by squeezing the two slides together and pulling the dryer assembly out.



2. Use a Small Flathead Screwdriver, or other thin and stiff bladed tool, to depress the Locking Tab on the inside of the Desiccant Dryer Door under the Cartridge.



3. Continue holding the Locking Tab down and slide the Desiccant Dryer Cartridge upwards to remove it from the Desiccant Dryer Door.



4. Install a new cartridge filled with blue beads on the Desiccant Dryer Door.
5. Ensure that the small gasket is in place on the outlet of the cartridge and reinstall the Desiccant Dryer Door into the PLATINUM Ionic Laundry Purifier.
6. To purchase additional cartridges call Customer Service or visit **laundrypurifier.com**

The frequency for changing the Desiccant Dryer Cartridge will vary depending upon several factors, including amount of use of the machine and level of humidity.

LIMITED WARRANTY INFORMATION

Your PLATINUM Laundry Purifier (Product) is warranted to be free from all defects in material and workmanship in normal household use for a period of 2 Years from date of purchase. The warranty is granted only to the original purchaser. The warranty is subject to the following provisions:

Any damages or malfunctions caused by negligence, abuse, or use not in accordance with the Product 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 PLATINUM Parts are not covered.

Your PLATINUM warranty covers all parts and labor in the first year from date of purchase. Only parts are covered for the second year from date of purchase. All shipping charges are the responsibility of the purchaser. PLATINUM will, at its option, repair or replace a defective Product or part(s) for the Product that is/are covered by this warranty. As a matter of warranty policy, PLATINUM will not refund the customer's purchase price.

OBTAINING WARRANTY SERVICE

To obtain warranty service you must return the defective product along with proof of purchase to the PLATINUM Authorized Service Center. All shipping costs submitted under this Warranty shall be borne by purchaser. Unless this Warranty is expressly renewed or extended by PLATINUM, 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 the location of the nearest PLATINUM Authorized Service Center or for other service information, please visit us online at:

laundrypurifier.com/warranty

Before any product is sent for service, the customer should contact the PLATINUM Service Center to obtain a Return Merchandise Authorization (RMA) Number. This RMA Number should be clearly written on the box before shipping. All components/parts including the remote (if applicable), manuals, and original packaging should be included in the return if available.

FURTHER LIMITATIONS AND EXCLUSIONS ARE AS FOLLOWS

Any warranty that may be implied in connection with your purchase or use of the Product, including any warranty of merchantability or any warranty for Fitness For A Particular Purpose is limited to the duration of this warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

Your relief for the breach of this warranty is limited to the relief expressly provided above. In no event shall PLATINUM be liable for any consequential or incidental damages you may incur in connection with your purchase or use of the Product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Order Online at:

laundrypurifier.com

Contact Customer Service at:

info@lakeindustries.com