When calibrated properly, LaundryPure is designed to work in conjunction with your washing machine, using cold water, silver ions, and ActivePure to clean clothes. As your washer begins to fill, LaundryPure will open its internal valve and turn on both the UV bulbs and the Silver Ion Probe.

Once the washing machine has been inactive for five (5) minutes, the LaundryPure will switch off (internal valve closed, UV bulbs off, Silver Ion Probe off). If the unit has not been calibrated (see System Set Up, page 9) and remains on for two (2) hours, it will perform a self calibration procedure. Once the unit is calibrated to a specific washing machine, it will not require calibration again.

LaundryPure is equipped with an internal leak sensor. See page 11 for more details.
Use & Safety Considerations

- Do not operate unit with cover removed.
- Disconnect all power before servicing.
- Do not use an extension cord or other adapter with this appliance.
- This appliance is not recommended for use with high iron content water. If your water has a high iron content, consult a water filtration expert for available options.
- LaundryPure is not designed for use with stacking washer/dryer combination units with a single 220 volt plug.
- Maximum water inlet pressure is 75psi.
- Wear cotton gloves when handling UV bulbs.
- Use the included new hose when connecting the LaundryPure unit to your washing machine. You should replace any washing machine hose that is more than 2 years old.
- To prevent leakage, do not leave your hot water hose disconnected.
- Under normal residential usage, the Silver Ion Probe installed in your LaundryPure has a life expectancy of approximately one (1) year. The red SERVICE indicator lamp on the front of your unit will light when the Silver Ion Probe requires replacement. Resetting the unit without replacing the Silver Ion Probe may void your warranty and/or cause water leakage.
- Do not clean your LaundryPure with harsh chemicals, abrasives, or cleansers. Use a soft cloth dampened with water.
- Do not mount the LaundryPure unit vertically or at an angle. Improper mounting may void your warranty. See page 7 for correct mounting instructions.
- LaundryPure is designed for residential use only. Use in a commercial or non-residential setting may void your warranty.
- Persons with known allergic reactions to silver should consult their physician prior to using LaundryPure.
- Water treated by your LaundryPure unit is intended for clothes washing only and is not approved for consumption. Do not drink or ingest the water from your LaundryPure unit or washing machine.

Important Safety Precautions

- To prevent unnecessary risk of fire, electrical shock, or personal injury, all wiring and grounding must be done in accordance with the National Electrical Code ANSI/FNPA, No. 70 - Latest Revision and local codes and ordinances. It is the personal responsibility and obligation of the appliance owner to provide adequate electrical service for this appliance.

We have provided important safety messages in this manual and on your appliance. Always read and obey all safety messages.

Safety warnings in this manual are defined as follows:

⚠️ DANGER:
You can be killed or seriously injured if you don’t immediately follow instructions.

⚠️ WARNING:
Electrical shock hazard. You can be killed or seriously injured if you don’t follow instructions.

⚠️ CAUTION:
Damage to your appliance or the surrounding area can occur if you don’t follow instructions.

NOTE:
This information is included to aid in installation and use of this appliance.
INSTALLATION REQUIREMENTS

ELECTRICAL REQUIREMENTS
120 Volt 60 Hz 15 AMP Fuse or Circuit Breaker.
An individual branch circuit serving only the LaundryPure unit is recommended.
LaundryPure is equipped with a power cord.
NEVER USE AN EXTENSION CORD.

ELECTRICAL GROUND IS REQUIRED ON THIS APPLIANCE.
For your personal safety, this appliance must be grounded. This appliance is equipped with a power cord having a 3-prong grounding plug for use in a properly installed and grounded outlet.
To minimize possible shock hazard, the power cord must be plugged into a mating, 3-prong, ground-type outlet, grounded in accordance with local codes and ordinances. If a mating outlet is not available, it is the personal responsibility and obligation of the customer to have the properly grounded outlet installed by a qualified electrician.
As with most major appliances, use of a GFI (Ground Fault Circuit Interrupt) is not recommended.

WARNING:
Electrical Shock Hazard.
Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the appliance is properly grounded. Do not modify the plug provided with the appliance - if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

WATER REQUIREMENTS
Water pressure of 10 to 75 psi is required to correctly operate your LaundryPure. Low water pressure may prevent your unit from operating properly and/or cause a failure in your washing machine’s water valve. The washer’s water valve may also not shut off completely. Check the documentation supplied with your washing machine for exact specifications.
Your washing machine and cold water faucet must be within 4 feet of the right side of the unit to use the inlet hose provided with your LaundryPure.

TO AVOID THE POSSIBILITY OF WATER DAMAGE, SHOULD A HOSE LEAK, ALWAYS HAVE FAUCETS ACCESSIBLE AND TURN OFF FAUCETS WHEN WASHER IS NOT IN USE.

Water quality may affect the performance of your LaundryPure unit. If you have water quality concerns such as high iron content or high chlorine content, consult a water filtration expert.
This system is designed for use on potable water systems only.

LOCATION CONSIDERATIONS
It is recommended the LaundryPure never be installed in areas where water may freeze since the unit will always maintain some water in the unit, the water valve, and hose areas. This can cause damage to internal components.
CABINET FEATURES

28.5" (723mm)

9.5" (241mm)

4.0" (101mm)

SERVICE INDICATOR  UV WINDOW

POWER IN  WATER INLET

CALIBRATION/RESET BUTTON  WATER OUTLET

POWER OUT

BRACKET RETAINER

BRACKET MOUNTING CLIP

MOUNTING HOLES

RETAINER CLIP
**BEFORE YOU START**

1. Remove your new LaundryPure from its packaging. Inspect for any shipping damages.

2. Turn the cold water off by shutting off the cold water valve.

3. Unplug your washing machine.

4. Remove the cold water hose from the cold water inlet on the back of your washing machine.

**NOTE:** Installation procedures may vary according to washing machine model. If you experience installation problems, visit www.EcoQuest.com/LaundryPure for more information.

**CAUTION:**
Do not remove or disconnect the hot water line from your washing machine or water valve. Turn off the hot water valve to prevent possible leakage. Using the hot or warm water settings on your washing machine will reduce the effectiveness of your LaundryPure system.

**WARNING:**
Electrical Shock Hazard.
Disconnect power before attempting installation or service.
Failure to follow these instructions can result in death, fire, or electrical shock.

**NOTE:** To help prevent water spray when disconnecting hoses, you can relieve pressure in the water line by momentarily starting your washing machine.
**INSTALLATION**

1. Level and fasten the LaundryPure mounting bracket to a wall. Attach to wall studs using 1 1/4” screws.

2. On the backside of your LaundryPure, locate the bracket mounting clips. Place the LaundryPure unit on the mounting bracket, hanging it by the clips.

3. Use the retaining screw to secure your LaundryPure to the mounting bracket.

**NOTE:** Be sure rubber washers are properly inserted into hose connectors before installing hoses.

4. Connect the end of the hose from your cold water valve to your LaundryPure’s INLET connector (marked on front of the LaundryPure).

5. Connect the new hose provided with your LaundryPure to the water OUTLET connector on your LaundryPure unit.

6. Finally, connect the new hose to the cold water inlet on your washing machine.

**CAUTION:**
This appliance must be installed in a level, horizontal configuration as shown. Do not install the unit vertically or at an angle. Failure to follow these instructions may prevent the internal moisture sensor from operating properly.

**CAUTION:**
When connecting or disconnecting hoses, hold the threaded connector on your LaundryPure with pliers while turning the hose connector. Failure to follow these instructions may result in damage to your appliance.

Hold with pliers while installing hose in order to prevent fitting from rotating.

Hold with pliers while installing hose in order to prevent fitting from rotating.
**CONNECTIONS POWER**

1. Insert your washing machine plug into the POWER OUT cord located on the bottom of the LaundryPure unit. **DO NOT USE AN EXTENSION CORD OR ADAPTER.**

2. Insert the provided power cord into the POWER IN socket located on the bottom of the unit.

3. Plug the opposite end of the provided power cord into the wall outlet of your home's electrical power system. See page 4 for electrical requirements.

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**CAUTION:**
Do not use any cord other than the power cord supplied with your LaundryPure or EcoQuest replacement cord (item #US70967). Failure to follow these instructions may void your warranty and/or result in damage to your unit, fire, or electrical shock.

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**WARNING:**
Electrical Shock Hazard. When working with electrical connections, the appliance and surrounding area should be clean and dry of any standing water. Failure to follow these instructions can result in death, fire, or electrical shock.

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**WARNING:**
Electrical Shock Hazard. Plug unit into a 3-prong electrical outlet. Do not remove ground plug. Do not use an adapter. Do no use an extension cord. Failure to follow these instructions can result in death, fire, or electrical shock.
**SYSTEM SETUP**

1. Turn on the cold water valve.

2. Check all hoses to ensure no water is leaking. Tighten if necessary.

3. Start your washer. The UV light should come on and you should see water begin to flow (when looking through the view window).

Note: Your LaundryPure should automatically turn on when your washing machine starts, and turn off approximately 5 minutes after your washing machine turns off.

4. If your LaundryPure fails to come on when you turn on your washing machine (UV lamps don’t light): Press the small calibration/reset button on the bottom left of the LaundryPure until the UV bulbs light (the amount of time required for the LaundryPure to calibrate to your washing machine will vary depending on make and model of your washer).

   If your LaundryPure automatically starts up (UV lamps are lit) before your washing machine is turned on: Hold the calibration/reset button until the LaundryPure turns off. After the LaundryPure is off, restart your washer.

5. Once the LaundryPure is calibrated properly, it will not require calibration again (unless you replace your washing machine). Check all hose connections again for water leaks.
BEFORE USING YOUR LAUNDRYPURE FOR THE FIRST TIME

IF YOUR WASHING MACHINE IS NEW, skip this section and continue below.

IF YOUR WASHING MACHINE IS NOT NEW you will need to perform this procedure to help remove any detergent buildup that may contaminate your clothing.

1. Do not put clothes in the washer at this time. Set your machine to its largest load setting, cold water only.

2. Start the washer and let it run through every cycle.

3. Once it has finished, repeat steps 1 & 2 three more times.

NOTE: Depending on the age and severity of detergent buildup in your machine, it may be necessary to perform step 3 more than once.

CAUTION:
To avoid the possibility of water damage, should a hose leak, always have faucets accessible and turn off faucets when washer is not in use.
NORMAL OPERATION
Using your LaundryPure is as simple as turning on the washing machine. LaundryPure is designed to use only the COLD/COLD setting of your washing machine.

STAINS
For heavy stains, use EcoQuest’s all natural ecoH cleaner. Wet the stained area, apply ecoH cleaner, rub gently and let stand for several minutes. Wash as normal.

DETERGENT AND FABRIC SOFTENER
You may choose to continue to use detergent and/or fabric softeners if desired. However, to completely experience all the benefits of your new LaundryPure, we recommend washing using nothing but cold water, and if needed, ecoH cleaner for heavy stains.

INFORMATION ABOUT THE SERVICE LIGHT

SERVICE LIGHT IS LIT
When the SERVICE light is lit, you need to change the Silver Ion Probe. See page 16 for replacement instructions. Once the Silver Ion Probe is replaced, press and release the calibration/reset button to activate the new probe. The SERVICE light will turn off.

SERVICE LIGHT IS BLINKING (INTERNAL LEAK SENSOR)
If the SERVICE light is blinking, moisture has been detected inside the unit. The unit will shut itself down (internal valve is closed, UV bulbs and Silver Ion Probe are off). To clear this condition, all power must be disconnected, the moisture problem or leak corrected, and power restored.
Before Performing Maintenance Please Note:

- Do Not Remove Cover Until Time For Maintenance.

- Electrical Shock Hazard. Disconnect power before attempting installation or service.

- Electrical Shock Hazard. When working with electrical connections, the appliance and surrounding area should be clean and dry of any standing water. Failure to follow these instructions can result in death, fire, or electrical shock.

- Do not operate LaundryPure with the UV shield or front cover removed or improperly installed. Failure to follow these instructions can result in severe eye damage, death, or electrical shock.
REMOVING THE COVER

**WARNING:**
Electrical Shock Hazard.
Disconnect power before attempting installation or service.
Failure to follow these instructions can result in death, fire, or electrical shock.

1. Turn off the cold water valve.

2. Briefly turn washer to the “ON” position. This will allow the water to drain from the LaundryPure unit. Turn the washer OFF.

3. Unplug the unit by removing the power cord from the POWER IN socket on the LaundryPure.

4. Remove the three (3) cover screws located on the bottom of the unit.

5. Remove the three (3) screws along the top of the LaundryPure.

6. To remove the cover, pull the top away from the unit, then lift off the cover.
Removing UV Bulbs

**WARNING:**
Electrical Shock Hazard. Disconnect power before attempting service. Failure to follow these instructions can result in death, fire, or electrical shock.

For optimal performance, UV bulbs (item #US70963) should be replaced immediately if nonfunctional, or every three years.

1. Remove Cover (see page 13) then remove the UV shield by loosening the six (6) thumb nuts on the top and bottom edges.

2. Pull the UV shield forward and away from the unit. The UV shield is attached to the unit with a tether. **DO NOT REMOVE, CUT, OR ALTER THE TETHER OR THE UV SHIELD.**

3. Locate the UV bulbs. The LaundryPure unit ships with zip tie straps to hold the UV bulbs in place during shipment. Cut with a pair of scissors or diagonal cutters to remove. These do not need to be replaced.

4. After removing the ties, pull the right end of the bulb toward you to remove from clip.

5. Remove the electrical socket by pulling the bulb through its retainer grommet while holding onto the socket. The bulb will unplug. After removing, dispose of UV bulbs in accordance with local ordinances.

**DANGER:**
Do not operate LaundryPure with the UV shield or front cover removed or improperly installed. Failure to follow these instructions can result in severe eye damage, death, or electrical shock.

**WARNING:**
For optimal performance, UV bulbs (item #US70963) should be replaced immediately if nonfunctional, or every three years.
CAUTION: When installing your new UV bulbs, make sure you do not touch the glass bulb. Oil and/or other contaminants from hands can leave residue on the bulb causing premature bulb failure. It is advisable to wear soft cotton gloves.

1. Remove the new bulbs from their packaging. Line the bulb up with the retainer grommet.

2. Push the bulb through the grommet while lining up the prongs with the socket as you insert.

3. Once the bulb is inserted, line up the right end with the clip and secure the bulb by pressing gently.

4. Reinstall the UV shield.

5. Secure the UV shield with six (6) thumbscrews. Hand tighten only.

Cautions:
- To Replace the Silver Ion Probe, see page 16.
- To reinstall the cover, see page 17.

Danger:
Do not operate LaundryPure with the UV shield or front cover removed or improperly installed. Failure to follow these instructions can result in severe eye damage, death, or electrical shock.
**Silver Ion Probe Replacement**

When the SERVICE lamp on the front of your LaundryPure unit is lit, the Silver Ion Probe (item# US70962) needs to be replaced. Contact your EcoQuest Dealer for replacement probes.

**WARNING:**
Electrical Shock Hazard. Disconnect power before attempting service. Failure to follow these instructions can result in death, fire, or electrical shock.

**CAUTION:**
Silver Ion Probe Replacement. Failure to change your Silver Ion Probe annually may void warranty. Also, failure to replace Probe may result in leakage around the Probe area.

1. Disconnect the probe’s electrical connector by pressing the 2 tabs to unlock, then pull straight out.

2. Unscrew the Silver Ion Probe and remove.

3. Apply Teflon tape to the threads of the new Silver Ion Probe.

4. Insert the Silver Ion Probe into the pipe and tighten with a wrench. **Do not overtighten.**

5. Plug the probe’s electrical connector into the new Silver Ion Probe.

- To reinstall the cover, see page 17.
REINSTALLING THE COVER

1. Return the LaundryPure cover to its original position, fitting the bottom in place and tipping upward.

2. Secure with three (3) screws along the top edge.

3. Put the three (3) remaining screws along the bottom edge and tighten.

4. Return the power cord to the POWER IN socket located on the bottom of the LaundryPure.

5. Turn on the cold water valve. Start your washer and check the system for leaks.

CAUTION:
Do not use any cord other than the power cord supplied with your LaundryPure or EcoQuest replacement cord (Item #US70967). Failure to follow these instructions may void your warranty and/or result in damage to your unit, fire, or electrical shock.

WARNING:
- Electrical Shock Hazard.
- Do not operate with cover removed.
- When working with electrical connections, the appliance and surrounding area should be clean and dry of any standing water.
- Failure to follow these instructions can result in death, fire, or electrical shock.

WARNING:
- Electrical Shock Hazard.
- Plug unit into a 3-prong electrical outlet.
- Do not remove ground plug.
- Do not use an adapter.
- Do no use an extension cord.
- Failure to follow these instructions can result in death, fire, or electrical shock.
FREQUENTLY ASKED QUESTIONS

Does this LaundryPure get out tough stains without pretreating?
Tough stains will still require pretreatment. A sample packet of ecoH cleaner is included with your LaundryPure. ecoH is an excellent all natural pretreater for laundry, and is recommended for use with your LaundryPure system.

Does the LaundryPure work with all forms of water including hard water?
LaundryPure will work with all household water qualities, but the better the incoming water quality the better the results you will have. To improve your results, if desired, use a water softener for hard water and/or a prefilter for chlorine.

Since front loading washing machines use less water, will the LaundryPure work as well on front loading machines as on top loaders?
LaundryPure is designed for all washing machine types (except stacking washer/dryer combination units with a single 220 volt plug) and works equally well with front loading washing machines as with top loading washing machines. If you experience installation problems with either type of machine, visit www.EcoQuest.com/LaundryPure for more information.

Will the LaundryPure work with Commercial Washing Machines?
LaundryPure is designed for residential use only.

Is a Plumber required to install LaundryPure?
The customer is responsible for installation of their LaundryPure unit. Some customers may prefer to have a plumber perform the installation although LaundryPure can be installed in most homes by the home owner using standard hand tools. It should be noted there are potential problems which can arise during the installation depending on the condition of the plumbing in the home and the configuration and location of the washer. If the cold water valve is stuck or the washing machine needs to be moved back which may require releveling, a plumber may be required. EcoQuest International is not liable for improper installation or damage caused from improper installation. Appropriate warnings and concerns are included in this owner’s manual.
**What will need to be replaced on the LaundryPure?**
The two items that will have to be replaced are the UV bulbs that have a life of approximately 2,000 loads and the Silver Ion Probe which will have an expected life of up to one (1) year of normal residential use. There will be an indicator light that will tell you when it is time to change the Silver Ion Probe. For optimal performance, UV bulbs should be replaced immediately if nonfunctional, or every three years.

**Can I hook the LaundryPure unit up to things other than a washing machine?**
LaundryPure is designed to attach to residential washing machines only. Use for any other purpose may void your warranty.

**What effect does LaundryPure have on elastic?**
Normal operation of a LaundryPure unit should have no negative impact on elastic in clothing.
TROUBLESHOOTING

1. The UV lights are on in the unit but there is no water flow/bubbles.
   Make sure your washing machine is set to the cold water setting.
   Make sure that your cold water is turned on at your supply valve.

2. No power.
   Check your electrical connections and make sure they’re all fully seated.

3. The UV lights blink or go off and back on again with no interruption of cycle.
   While this may occur occasionally, it should not cause operational issues.

4. The UV lights fail to turn on or go out, but the water continues to flow.
   Unplug LaundryPure from power source, reconnect after one minute, and calibrate the unit (see page 9) if necessary.

5. The LaundryPure and washing machine fail to turn on or go out.
   Unplug LaundryPure from power source, reconnect after one minute, and calibrate the unit (see page 9) if necessary.

6. No bubbles are visible in the view window and no or very little water flow.
   Check your inlet and outlet connection to make sure the hose connections are not reversed.

7. The UV bulbs turn on as soon as power is applied to the unit even though the washing machine is off.
   Press and hold the reset/calibrate button until the bulbs turn off.

8. No water is passing through the unit and the bulbs are not on even though the washing machine is turned on.
   Press and hold the reset/calibrate button until the bulbs turn on and water flows through the unit.

9. The bulbs are still on even though more than five minutes have passed since the wash cycle ended.
   Press and hold the reset/calibrate button until the bulbs turn off.

10. The red SERVICE light is on.
    Replace the Silver Ion Probe (see page 16). Contact your EcoQuest Dealer to purchase a replacement probe.

11. The red SERVICE light is blinking and the LaundryPure unit doesn’t turn on.
    The internal water sensor has detected moisture inside the unit. Contact EcoQuest Support at 1.800.989.2299.
INSTALLATION PROBLEMS?
Installation procedures can vary according to washing machine model. If you experience installation problems, visit www.EcoQuest.com/LaundryPure for more information.

FCC DECLARATION OF CONFORMITY

Name: EcoQuest
Model: LaundryPure
Manufacturer: EcoQuest Manufacturing

This device complies with Part 18 of the FCC Rules.

RESPONSIBLE PARTY

ECOQUEST
THE HEALTHY LIVING COMPANY

EcoQuest International
310 T. Elmer Cox Drive
Greeneville, TN 37743
Ph: (800) 989-2299

Signature: ________________________
Printed Name: David G. Blackwell
Title: Engineering Manager
Date: 4/1/06

This equipment has been tested and found to comply with the limits for Industrial, Scientific, and Medical Equipment (ISM), pursuant to Part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the Dealer or an experienced radio/TV technician for help.