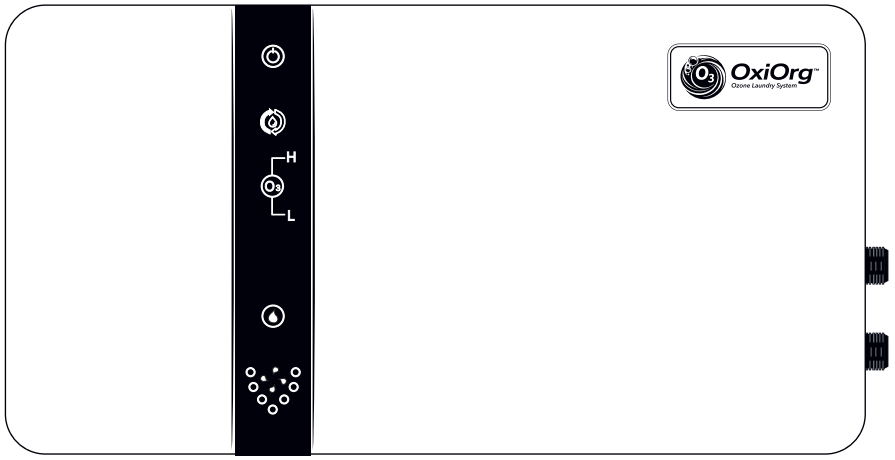
OxiOrg™
Ozone Laundry System

MODEL O³

CQE-OZL-2000

Installation & User Manual

By Crystal Quest®





Tough on Dirt.
Gentle on Fabrics.

- Safe for colors, synthetics, and delicates
- Leaves no dirty detergent residue
- Supports a healthier wash experience

OWNER'S MANUAL • PLEASE READ BEFORE INSTALLING



Welcome to fresher laundry done naturally.

OxiOrg™ pairs activated ozone with magnetized cold-water treatment to wash your laundry cleaner, brighter, and more gently. It does so with a fraction of the detergent. Engineered for any residential washing machine, designed to last.

WELCOME

Thank you for choosing Crystal Quest.

You just brought home a quietly remarkable piece of engineering. For more than 30 years, Crystal Quest has built water treatment systems trusted by families, businesses, and industry. The OxiOrg Model O³ carries that same standard.

Before you begin: Take five minutes to read the **Use & Safety** and **Installation Requirements** section (pages 3 through five) before installing.

Inside this manual:

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SECTION 01

Built for everyday performance.

A quiet, automatic appliance that turns ordinary cold water into a powerful laundry cleanser, without harsh chemicals, and without changing how you do laundry.

3-Stage
OZONE LEVELS

100%
COLD-WATER OPERATION

Auto
ON WITH WASH CYCLE

Leak
DETECTION & SHUTOFF

Technical Specifications

Model	OxiOrg™ • Model O³
Power input	AC 100–240 V / 50–60 Hz (universal)
DC output	12 V • 3 A • 36 W
Ozone concentration	0 to 1.2 mg/L (Off • Low • High)
Operating water pressure	20 PSI minimum, 60 PSI maximum (0.14 MPa minimum, 0.41 MPa maximum)
Operating temperature	40 °F to 122 °F (4.5 °C to 50 °C)
Inlet Size	½" or ¾"
Outlet Size	½" or ¾"
Water source	Cold water only
Dimensions (W x D x H)	18.1" x 3.1" x 9.45" (460 mm x 80 mm x 240 mm)
Net weight	6.6 lb (3.0 kg)
Mounting	Wall-mount, included bracket & anchors
Compatibility	Residential top-load & front-load washers
Safety features	Internal leak detector with audible alarm and auto-shutoff

SECTION 02

What's in the Box

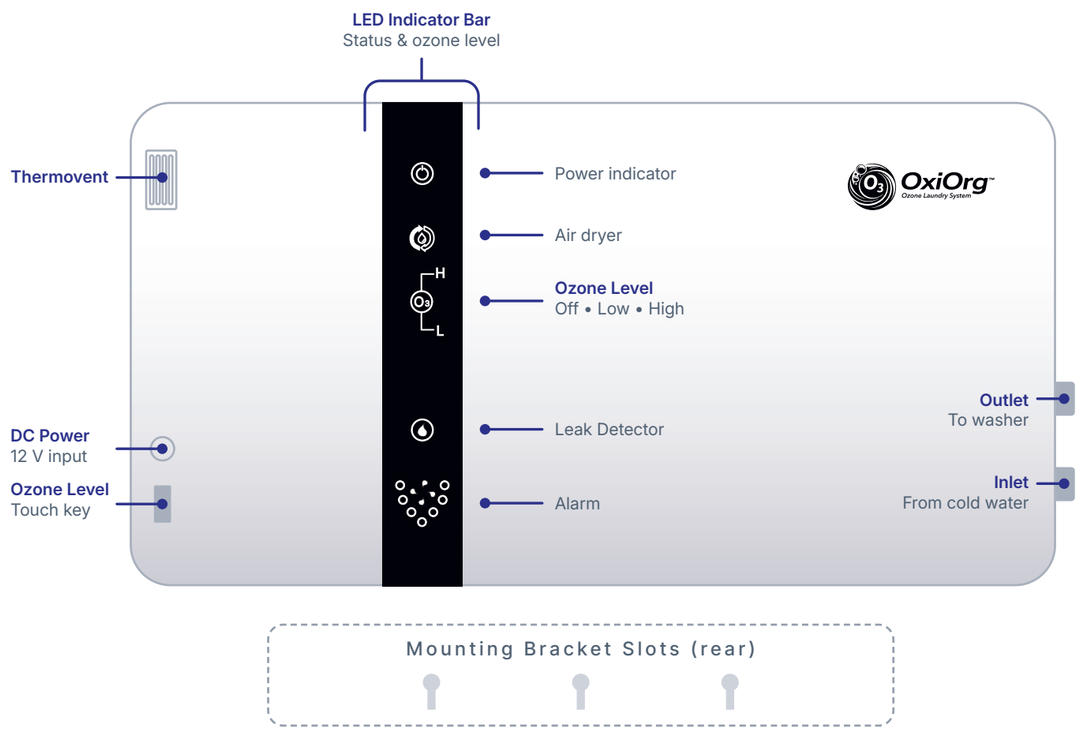
Take a moment to confirm everything below is present before installation. If any item is missing or damaged, contact Crystal Quest support, and we'll make it right.

System
- 1 x OxiOrg O³ unit
- 1 x Power adapter (12V • 3A)
- 1 x Inlet hose

Mounting
- 1 x Wall-mount bracket
- 1 x Mounting screws
- 1 x Drywall anchors
- 1 x Screwdriver

Documentation
- 1 X User Manual
- 1 X Warranty & Owner's Record

Your unit, at a glance



SECTION 03

Use & Safety Information

Please read this section carefully before installation and first use. These guidelines protect both your OxiOrg O³ and the people in your home.

Read first: The OxiOrg O³ is for indoor residential use only. It is not designed for commercial laundromats, industrial laundry facilities, or outdoor environments.

Do These Things

- **Read this manual completely** before installing or operating the system.
- **Use cold water only.** The OxiOrg O³ is engineered for cold-water service. Hot water can damage internal components.
- **Keep inlet pressure between 20 and 60 PSI.** Most municipal supplies fall comfortably inside this range.
- **Use the supplied inlet hose.** If your washing machine's existing hose is more than two years old, replace it now.
- **Clean with a soft, water-dampened cloth.** Wipe the exterior gently. Do not use abrasives, solvents, or harsh cleaners.
- **Mount the unit horizontally.** A level installation is required for accurate sensors and reliable performance.

Things to avoid.

- **Do not service the unit while powered.** Always disconnect both water and electrical supply first.
- **Do not operate with the cover removed.**
- **Do not mount vertically or at an angle.** The leak sensor relies on a level mounting surface.
- **Do not substitute the power adapter.** Use only the Crystal Quest adapter included in the box.
- **Do not use extension cords.** Connect directly to the grounded outlet.
- **Do not drink water produced by this system.** The OxiOrg O³ is designed exclusively for laundry water treatment.

If you will be away: Turn off the cold water supply valve to your washing machine whenever you will be away for an extended period.

SECTION 04

Before you install.

A clean install starts with the right setup. Confirm the basics below before you put a screw in the wall.

Electrical

- **Power:** 100–240 V / 50–60 Hz, on a 15-amp protected circuit.
- **Outlet:** Standard grounded outlet within reach of the unit.
- **Adapter:** Use only the Crystal Quest power adapter included.
- **Never** use an extension cord or a third-party adapter.

Water

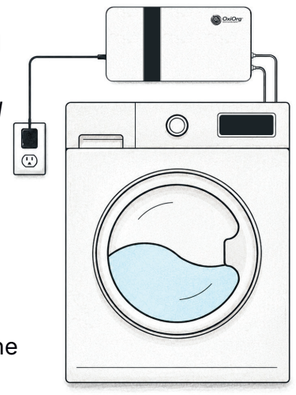
- **Pressure:** 20 PSI (minimum) to 60 PSI (maximum).
- **Source:** Cold water line only.
- **Quality:** Hard water or high-iron supplies may reduce performance, see the FAQ for guidance.

Tools you'll need

- A bubble level (recommended for an even mount)
- A pencil for marking screw holes
- A drill with 6 mm bit (only for masonry or tile walls)
- A small bucket or towel

Where to mount it

The OxiOrg O³ should be installed on the wall *above and slightly behind* your washing machine, where the inlet and outlet hoses can reach the cold water faucet and the back of the machine without kinking.



Pro tip

Mount at hose-friendly height. Future replacements and inspections will be much easier.

Hard water?

OxiOrg O³ still works above ~7 grains per gallon. Pair with a Crystal Quest pre-filter or softener for best results and longer services life.

SECTION 05

Installing your OxiOrg O³.

Plan on about 15 to 20 minutes from start to finish. The unit is designed for a clean, simple install, no special tools required.

1 Mount the bracket.

Hold the included wall-mount bracket against the wall above and behind your washing machine. Mark the three screw holes with a pencil. Use a level to confirm the bracket is horizontal, a tilted install can affect the leak sensor and ozone diffusion.

2 Secure the bracket.

For drywall, insert the included anchors first, then drive the three mounting screws. For masonry or tile walls, pre-drill the holes with a 6 mm bit. Tighten until the bracket is firm but not over-driven.

3 Hang the unit.

The back of the OxiOrg O³ has three keyhole sockets. Carefully lower the unit so the sockets engage the bracket pins. Slide gently downward until the unit rests securely against the wall.

4 Prepare the cold water line.

Turn off the cold water faucet behind your washer. Set the washer to **warm,** then run a brief cycle to relieve pressure in the existing hose. Some washers blend in warm water for a minimum temperature. A few seconds is enough. Turn off washer and unplug it.

Continued on the next page

Steps 5 through 8 cover the hose connections and your first power-up, the part where everything comes together.

SECTION 05

Hooking everything up.

5 Connect your existing hose to the OUTLET.

Disconnect the cold-water hose where it currently joins the faucet, but leave the other end attached to the washing machine. Connect that loose end to the port on the OxiOrg O³ marked **OUTLET.** Hand-tighten until snug, then add a quarter turn with pliers if needed. Do not over-tighten.

6 Connect the new hose to the INLET.

Take the new inlet hose included in the box and attach one end to the port marked **INLET.** Attach the other end to your home's cold water faucet. Hand-tighten both ends until snug.

7 Turn the water back on, slowly.

Open the cold water faucet gradually and watch both connections for leaks. If you see drips, close the faucet and re-tighten the affected fitting before continuing. Once connected, gradually open the water line.

8 Power up & commission.

Make sure surfaces are dried off. Plug the DC adapter into the OxiOrg O³, then plug the adapter into your wall outlet. The system arms automatically, when water flows, a **blue** indicator confirms operation. Before first use, run two or three empty wash cycles before adding laundry. This flushes any residual detergent from you washing machine.

If you smell ozone

A faint, fresh-rain scent is normal. A strong, persistent smell is not. Switch to **L** or **Off** and contact Crystal Quest.

SECTION 06

Reading the lights.

The vertical LED bar on the front of your OxiOrg O³ tells you everything you need to know at a glance, what the system is doing, which ozone level is selected, and whether anything needs your attention.

LED Indicator Reference

Solid Blue	**Normal operation.** Water is flowing and the system is treating it.
Flashing Blue	**Air dryer** is regenerating after a wash. Do not operate the washer during the cycle.
Solid Gray	**Air dryer and alarm standby mode.** The system is powered, healthy, and waiting for the next wash cycle.
Flashing Red	**Attention required, ozone module** or **leak sensor** needs service. See Troubleshooting.

Ozone Touch Key

Press the touch key on the left side of the unit to cycle through three ozone levels.

H • High

Heavily soiled laundry, whites, towels, athletic wear. Maximum stain lift.

L • Low

Everyday loads, delicates, silk, linen. Gentler ozone protects fibers.

Off

No ozone. Magnetic conditioning still active for softer wash water.

Leak Detected

A flashing red water drop with buzzing alarm means the internal leak sensor has triggered. **Unplug the unit, close the cold water valve,** and see Troubleshooting on page 11.

SECTION 07

Living with your OxiOrg O³.

Once installed, the OxiOrg O³ is built to disappear into your routine. Run your washing machine the way you always have, that's it.

Doing laundry

Operate your washing machine following the manufacturer's instruction. The OxiOrg O³ powers on automatically the moment cold water flows through it, and powers down when the cycle ends.

For most everyday loads, you'll find you can use significantly less detergent, or none at all. We recommend cutting your usual detergent in half for the first few weeks, then adjusting from there based on results.

Pre-treating stains

Continue to pre-treat tough stains the way you always have. The OxiOrg O³ excels at lifting everyday soil and odors, but set-in stains still benefit from a little manual help.

Air dryer cycle

About two hours after your final wash of the day, the internal air dryer activates automatically and the ozone indicator lights up. It runs approximately four hours to keep the internal components dry and ready. **Do not run the washer during the regenerational cycle.**

When you're away

Heading out for more than a few days? Shut off the cold water valve to your washing machine and unplug both the washer and the OxiOrg O³. This eliminates any risk of water damage from a pressure spike while you're gone.

Cleaning the exterior

Wipe the cover with a soft cloth dampened in plain water. For stubborn spots, a drop of mild dish soap is fine. Avoid solvents, abrasives, ammonia-based cleaners, and anything chlorine, they can damage the finish and the seals.

Routine inspections

Every few months, take 60 seconds to:

- Check both hoses for kinks, bulges, or moisture.
- Verify the unit is still level on its bracket.
- Confirm the LED bar shows expected behavior during a wash.

> **Replace the hose every 5 years**
>
> Even high-quality washing machine hoses age. Plan to swap your inlet hose every five years, sooner if you notice any wear.

SECTION 08

Frequently Asked Questions

The questions our water specialists hear most often, answered clearly and concisely.

Do I still need to pre-treat tough stains?
Yes. Treat set-in stains the way you normally would. For everyday laundry, the OxiOrg O³ lets you use much less detergent, and often none at all.

Does the OxiOrg O³ work with all types of water?
Yes, but the cleaner your incoming water, the better the results. For hard water, we recommend pairing it with a Crystal Quest softener. For chlorine or iron, add a pre-filter to either your whole house system or to your washer line.

Which washing machines is it compatible with?
The OxiOrg O³ is compatible with most residential top-load and front-load washing machines that connect to a standard cold-water supply.

Can I use this with a commercial or laundromat washer?
No. The OxiOrg O³ is designed for residential use only. For commercial applications, please contact Crystal Quest for a purpose-built solution.

Is the treated water safe to drink?
No. Water from the OxiOrg O³ is for laundry use only. It is not certified for drinking, cooking, or any other potable use.

Will the ozone damage my clothes?
No, please use at recommended levels. Use the **H** setting for whites, towels, and athletic wear. Use the **L** setting for delicates and colored fabrics.

Can I use my regular detergent?
Yes, but you will likely use much less. Start by reducing your usual amount by half and adjust as needed.

Do I need a separate drain or vent?
No. The OxiOrg O³ connects to your existing washing machine plumbing.

SECTION 09

Troubleshooting

Most issues fall into one of the situations below. Work through the suggested fix in order. If the problem persists, our team is one call away.

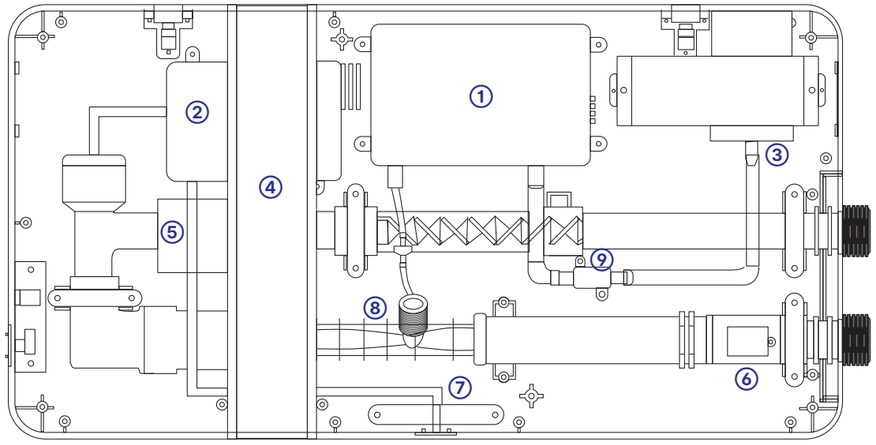
SYMPTOM	LIKELY CAUSE	WHAT TO DO
Unit doesn't power on	Power adapter or hose connection issue	Confirm the DC adapter is fully seated at both ends. Check that the cold water faucet is open and both hoses are connected to the correct ports. The system activates only when water is flowing.
Flashing red O³ icon	Oxidizing module fault	Unplug the unit, wait three minutes, and plug it back in. If the indicator returns to blue, you're set. If the red light returns, contact Crystal Quest for module replacement.
Flashing red water drop with alarm	Internal leak detected	The system has shut itself off as designed. Unplug the unit, close the cold water valve to the washer. Inspect connection points as well as unit for visible signs of leaking or damage.
No ozone scent during wash	Wrong ozone level, low pressure, or airlocked Venturi	Confirm **H** or **L** is selected. Check that supply pressure is at least **20 PSI** and the inlet screen on your washer isn't clogged. As a last step, switch the inlet and outlet hoses momentarily to clear the Venturi, then return them to the correct ports

When in doubt, call us at 1-800-934-0051.
Crystal Quest Support is available Monday through Friday, 9:00 AM–5:00 PM EST. Have your serial number handy (you'll find it on the back of the unit and on the warranty card). We'll walk you through it.

SECTION 10

Maintenance & Replacement Parts

Inside the OxiOrg O³ are nine purpose-built components working together. The diagram shows where each one lives, and which ones are user-replaceable through Crystal Quest service.



User-replaceable parts (via Crystal Quest service)

#	COMPONENT	PART NUMBER	SERVICE NOTES
①	Oxidizing Module	CQ-OXI-G3-OM	Replace if Flashing Red. O³ persists after restart.
②	Control Module (PCB)	CQ-OXI-G3-PCB	Service-only replacement, contact Crystal Quest.
③	Air Dryer	CQ-OXI-G3-AD	Replace approximately every 3 to 5 years of normal use.

For the most current pricing and availability, visit **crystalquest.com** or call our support line.

Other components

④ LED Indicator Bar
⑤ Magnetizer
⑥ Flow Switch
⑦ Leak Detector
⑧ Venturi
⑨ Air Sensor

SECTION 11

Disposal & Recycling



Do not dispose of this product as household waste.

The crossed-out wheelie bin symbol indicates that electrical and electronic equipment must be collected separately from regular household waste. When the OxiOrg O³ reaches the end of its life:

- Take the unit to a designated electronics recycling point.
- Or return it to the dealer when purchasing an equivalent replacement.
- Or contact your local waste authority for guidance on responsible disposal.

Property disposal helps prevent harm to the environment, human health, and supports the recycling of valuable materials.

SECTION 12

Limited Warranty

Built right. Backed accordingly.

Your Crystal Quest OxiOrg Model O³ is warranted against defects in material and workmanship under normal household use for **one (1) year** from the date of original purchase.

Coverage

This Limited Warranty applies only to the original purchaser and members of the immediate household. If a covered component is determined to be defective during the warranty period, Crystal Quest will, at its sole discretion, repair or replace the component in accordance with this warranty. Refunds are not provided in place of repair or replacement.

What's not covered

- Damage caused by accident, abuse, neglect, or misuse
- Operation outside spec (hot water service, excessive pressure)
- Unauthorized service or non-genuine parts
- Cosmetic wear that does not affect function
- Commercial, industrial, or rental use of any kind

How to obtain service

Contact Crystal Quest with your model number, serial number, and proof of purchase. **Shipping charges to and from the service center are the customer's responsibility** unless we direct otherwise. Repaired or replaced parts are warranted only for the unexpired remainder of the original term. This warranty is not transferable.

Crystal Quest Customer Support

Web: crystalquest.com/help • **Phone:** 1-800-934-0051

Hours: Mon to Fri, 9:00 AM to 5:00 PM ET

Thank you for choosing Crystal Quest.

FRESH WATER BEGINS HERE®

SECTION 13

Owner's Record

Keep this page for your records. The details below will help you identify your unit when ordering replacement parts or contacting our team.

Your OxiOrg, Model O³

DATE OF PURCHASE

MODEL

SERIAL NUMBER

ORDER OR INVOICE NUMBER

WHERE PURCHASED (DEALER OR RETAILER)

SALES REPRESENTATIVE

INSTALLATION DATE

NOTES

Need help? Contact Crystal Quest at **help@crystalquest.com** or visit **crystalquest.com/help.** Have your serial and order number on hand.

Questions?
We're here to help.

help@crystalquest.com

1-800-934-0051

Monday through Friday 9am - 5pm EST



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