ZENITH
PURE SOLUTIONS

OWNER'S MANUAL

Zenith PFAS Reduction

Whole-home PFAS reduction

WQA Gold Seal media · No drain · No electricity
City or well water



Zenith Pure Solutions

6951 E 30th St, Suite B, Indianapolis, IN 46219
(317) 690-4172 · info@zenithpuresolutions.com

KEEP THIS MANUAL
NEAR YOUR SYSTEM

01 Welcome

Thank you for choosing Zenith Pure Solutions. Your Zenith PFAS Reduction System reduces PFAS, including PFOA and PFOS, in the water for your whole home, using WQA Gold Seal ion exchange media sized to your water test.

Keep this manual near the system. Your installer records your system details on the last page. It explains what your system does, routine care, and what to do if something seems wrong.

Need help? Call us before you open the system.

Most questions are answered in one phone call, and work done by others can affect your warranty.

Zenith Pure Solutions

Phone	(317) 690-4172
Email	info@zenithpuresolutions.com
Website	zenithpuresolutions.com
Address	6951 E 30th St, Suite B Indianapolis, IN 46219
Hours	Monday to Friday, 9 am to 6 pm

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02 Important safety information

Your system works best, and stays under warranty, when it runs inside the limits below.

- **Cold water only.** The system is installed on the cold water supply. Never connect it to a hot water line.
- **Protect from freezing.** Keep the system indoors. The room must stay above 34 °F, and the system and its lines must never freeze.
- **Keep the plumbing as installed.** Your system was sized from a certified water chemistry test. Do not add, remove or reorder equipment around it.
- **Leave service to us.** Call Zenith for media changes, repairs, moves or any change to the plumbing.

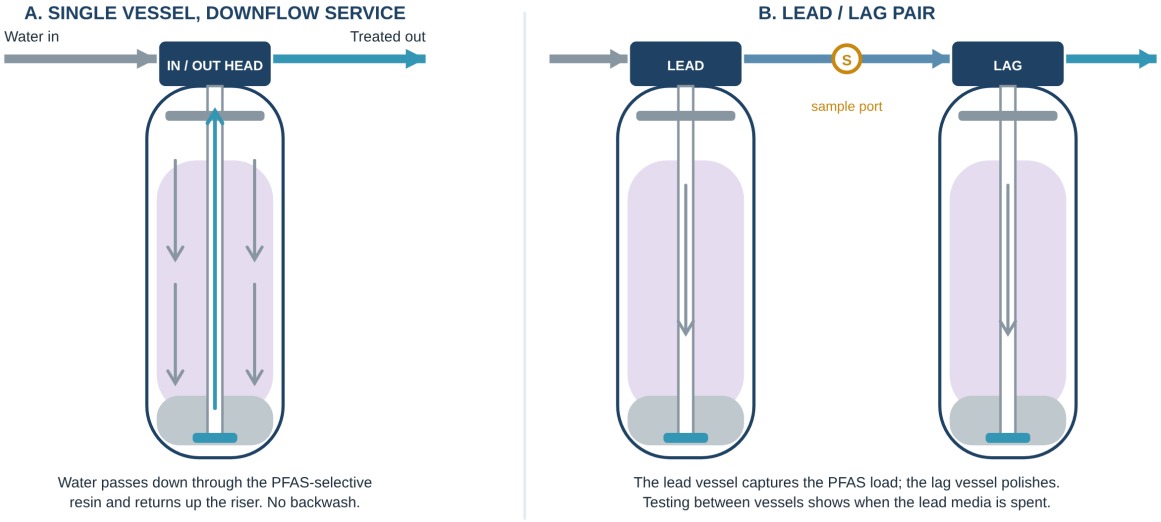
Operating conditions

Condition	Limit
Water source	City or well water
Flow per vessel	Up to 8 gpm (vessels are added in parallel for higher flow)
Water pressure	20 to 125 psi
Water temperature	40 °F to 110 °F, cold water supply only
Room temperature	Above 34 °F; indoors

This system is not intended to be used to treat water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

03 How your system works

Water passes down through a bed of PFAS-selective ion exchange resin. PFAS compounds are captured on the resin as the water flows through.



A: single vessel, downflow service. B: lead/lag pair, with a sample port between the vessels.

How it works

The ResinTech SIR-110-HP resin holds on to PFAS as water passes through. Ion exchange works faster and lasts longer than activated carbon for this job, so it needs less media and fewer media changes. The resin is used up by the PFAS it captures, so performance depends on sizing the system to your water and servicing it on schedule.

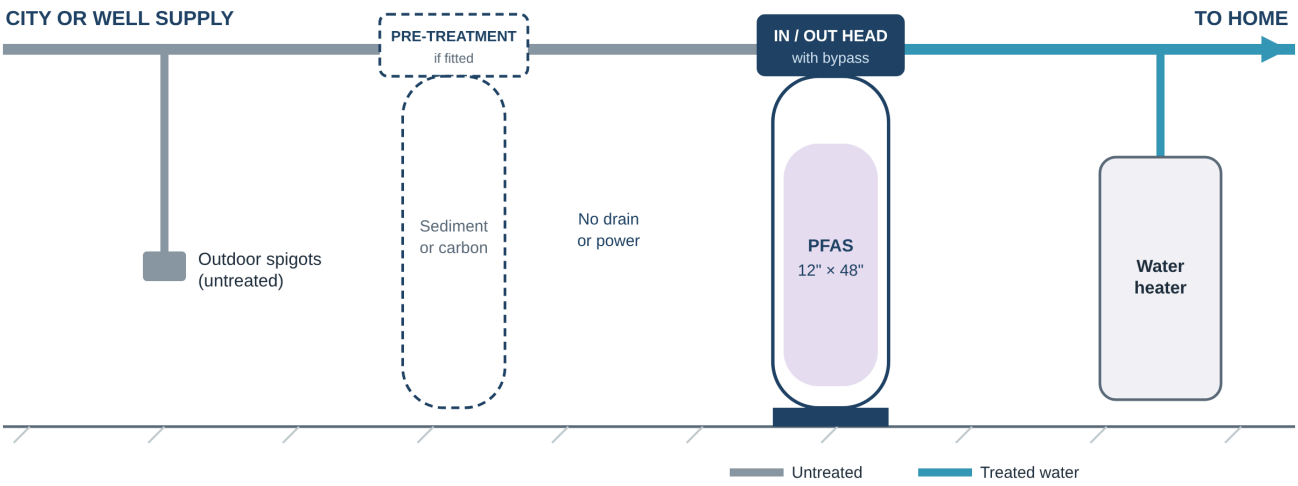
Performance

The media carries the WQA Gold Seal and has been independently tested to reduce PFAS, including PFOA and PFOS, below EPA limits. Results depend on your water chemistry and correct sizing, which is why every Zenith system is sized from a certified water chemistry test.

The media also takes up nitrate and perchlorate. Where these are in your water they use part of the capacity and shorten media life. The system does not treat hardness, iron, manganese, hydrogen sulfide, bacteria or lead.

04 Your system at a glance

Your system is one or more vessels with an in/out head and a bypass. There is no control valve, no drain line and no power cord.



Typical installation. Any sediment or carbon pre-treatment goes first; outdoor spigots stay on untreated water.

Configuration	Arrangement	Use
Single vessel	One 12″ × 48″ vessel	Standard home, up to 8 gpm
Lead/lag	Two vessels in series, with a sample port between them	Best protection and longest media use. The second vessel polishes the water and guards against breakthrough.
Parallel	Two or more vessels side by side	Homes needing more than 8 gpm

Part	What it does
Mineral tank	12″ × 48″ tank, WQA certified, holding the resin.
PFAS-selective resin	ResinTech SIR-110-HP, 2 cu ft per vessel.
In/out head and bypass	Carry water through the vessel; the bypass lets Zenith route water around it for service.
Sample port (lead/lag)	Lets Zenith test the water between the vessels.

05 Specifications

Each vessel is sized to your water. Larger homes or heavier PFAS loads use two vessels.

Specification	Per vessel
Vessel	12″ × 48″
Media	ResinTech SIR-110-HP, 2 cu ft
Maximum flow	8 gpm
Contact time at 8 gpm	About 1.9 minutes
Footprint	About 13″ W × 17″ D
Overall height	54″
Flow direction	Downflow
Drain and power	None required
Media life	Set by the PFAS load and gallons treated; replaced when spent
Certification	Media: WQA Gold Seal; NSF/ANSI/CAN 61. Tank: WQA certified. Head and bypass: NSF certified. Zenith holds NSF 372 for lead-free system materials.

Sizing

Every system is sized from a certified water chemistry test covering individual PFAS compounds, organic content, background minerals and competing contaminants such as perchlorate. These decide the number of vessels and how often the media is changed.

06 Routine care and service

There is no cartridge and no calendar change. Zenith tests the treated water at each yearly service and replaces the media when it is spent.

Task	How often	Who
Yearly Zenith service: media assessment, pressure check, treated water sample test	12 months after installation, then every year	Zenith
Sample between vessels (lead/lag systems)	At each service	Zenith
Media replacement	When spent, based on PFAS load and gallons treated (a separate visit)	Zenith

We send you a service reminder 14 days before each visit. The yearly Zenith service is required to keep your parts warranty, and it is how we confirm the system is still reducing PFAS.

Lead/lag media rotation

On a two-vessel lead/lag system, when PFAS is detected after the first (lead) vessel, Zenith replaces its media and moves that fresh vessel into the second (lag) position. The former lag vessel becomes the lead. This uses every bit of media while the lag vessel keeps guarding your water.

If you need to turn the system off

For a leak at a vessel or head, close your home's main water shut-off valve and call Zenith.

07 Troubleshooting

PFAS cannot be seen, tasted or smelled, so the yearly treated-water test is the only way to confirm performance. Anything marked **Call Zenith** needs a technician.

What you notice	Likely cause	What to do
Your yearly service is overdue	Media condition unknown	**Call Zenith.** Book your yearly service and water test.
Water pressure has dropped	Media bed loaded, or pre-treatment due	**Call Zenith.**
Your household water use has grown	Media may be used up sooner than planned	**Call Zenith.** We may adjust the service interval or add a vessel.
Change to your water source (new well, utility notice about PFAS)	Water chemistry has changed	**Call Zenith.** A new water test may be needed.
Leak at a vessel, head or bypass	O-ring or fitting	Close the main shut-off valve. **Call Zenith.**

08 Zenith limited warranty

5 yr **5 years parts · 5 years labor**
On your Zenith PFAS Reduction System.

What is covered

If a part of your system fails because of a defect in materials or workmanship during the warranty period, Zenith will repair or replace it.

Keeping your warranty

Cover applies when Zenith installs the system and it is serviced to schedule. Ongoing maintenance and a yearly Zenith service are required to keep the parts warranty.

If you sell your home

The warranty transfers at the original address only, for the remaining term, with written notice to Zenith within 30 days of the sale. Labor coverage transfers only if the new owner takes a Zenith maintenance plan. The warranty does not follow a system that is moved to another address.

What is not covered

- Damage from freezing, fire, flood, lightning or other acts of nature.
- Misuse, neglect, accidents, or operating outside the limits in this manual.
- Repairs, moves, changes or parts by anyone other than Zenith.
- Commercial or other non-residential use.
- Routine maintenance, water testing and media replacement when spent.

Making a claim

Call Zenith at (317) 690-4172 or email info@zenithpuresolutions.com as soon as you notice a problem. Have your name, address, installation date and system details ready (see *Your system record*).

This is a plain-language summary. The full Limited Warranty terms are in your quote and invoice.

09 Your system and service record

Your system record

Your installer fills this in on installation day. Have it ready when you call us.

Item	Your system
Model	Zenith PFAS Reduction System ☐ Single ☐ Lead/lag ☐ Parallel
Number of vessels	
Installation date	
Installed by	
Water test reference	
Baseline treated-water sample taken	

Service log

Keep a record of every service visit and media or cartridge change. It helps our technicians and supports any warranty claim.

Date	Service performed	Sample result	Technician
	Installation and start-up		

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We are here when you need us.

Service, salt delivery, care plans and free in-home water testing across the Indianapolis area.

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