ZENITH PURE SOLUTIONS

OWNER'S MANUAL

Zenith PureStart Filtration

Whole-home catalytic carbon filter



No drain · No electricity · No backwash
10″ × 44″ system

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 PureStart Filtration system reduces chlorine, chloramine, taste and odor in the water for your whole home, with no drain, no electricity and nothing to program.

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.
- **City water.** PureStart is designed for municipal (city) water.
- **Leave service to us.** Call Zenith for media changes, repairs, moves or any change to the plumbing.

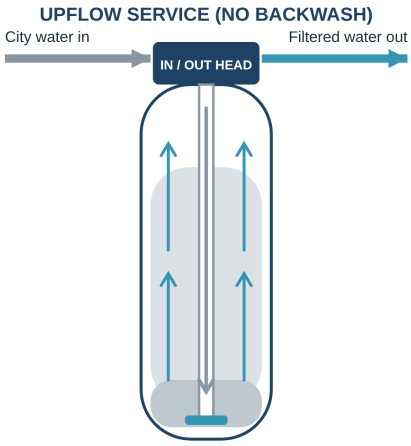
Operating conditions

Condition	Limit
Water source	Municipal (city) water
Water pressure	15 to 100 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

PureStart passes your water up through a bed of catalytic carbon that reduces chlorine, chloramine, taste, odor, VOCs and disinfection byproducts.



1. Down the riser
Water enters at the head and travels down the riser to the gravel underbed.

2. Up through the carbon
Water rises through 1.0 cu ft of catalytic carbon. Upflow keeps the bed loose, so it does not compact or channel.

3. Out to the home
Chlorine and chloramine reduced water leaves from the top of the tank.

No drain, no electrical supply, no backwash.

Upflow service: water travels down the riser and rises through the carbon bed to the home.

How it works

Catalytic carbon reduces free chlorine and organic compounds by adsorption, as standard activated carbon does. Its catalytic surface also breaks down chloramine, which standard carbon handles poorly, so the carbon can hold it.

PureStart does not backwash. It is plumbed upflow permanently: water rises through the bed, which keeps the carbon loose so it does not pack down or channel over time. That is why it needs no drain line and no power.

What it does not treat

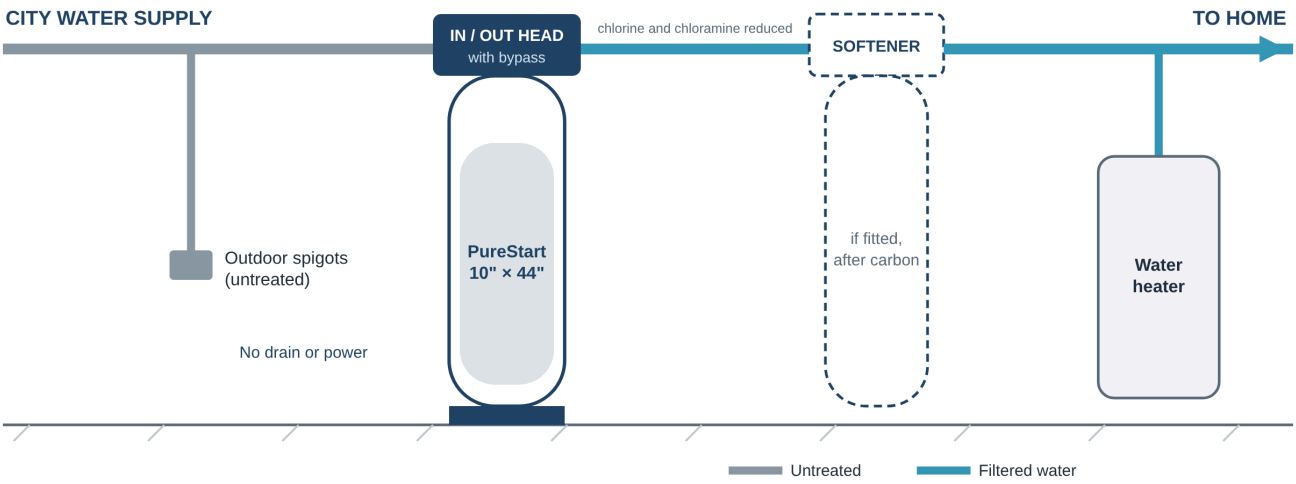
PureStart does not treat hardness, iron, manganese, hydrogen sulfide (rotten-egg smell) in well water, bacteria, lead or PFAS. Ask us about our softeners and our lead and PFAS systems.

Same carbon as our Advanced Series

PureStart uses the same AQUASORB™ CX MCA catalytic carbon as Zenith Advanced Filtration. The difference is bed size and backwashing, not filtration quality.

04 Your system at a glance

PureStart is a single tank with an in/out head and a bypass. There is no control valve, no drain line and no power cord.



Typical installation. PureStart goes ahead of the softener; outdoor spigots stay on untreated water.

Part	What it does
Mineral tank	10″ × 44″ black polyglass tank that holds the carbon.
Catalytic carbon	AQUASORB™ CX MCA coconut shell carbon, 1.0 cu ft.
In/out head	Carries water into and out of the tank. There is no control valve.
Bypass	Lets Zenith route water around the filter for service.
Distributor and gravel	An upper basket and a gravel underbed spread water evenly through the carbon.

PureStart sits ahead of your softener, so the softener resin is protected from chlorine and chloramine.

05 Specifications

One size, built for smaller homes and simple ownership.

Specification	PureStart
Tank	10″ × 44″
Media	AQUASORB™ CX MCA catalytic carbon, 1.0 cu ft
Continuous service flow (guideline)	2.0 gpm
Peak flow (guideline)	2.5 gpm
Overall height	About 49-1/2″
Floor space	12″ × 12″
Connections	3/4″
Flow direction	Upflow; no backwash
Drain and power	None required
Media replacement	Every 5 to 7 years

Continuous flow is the guideline for full contact time with the carbon; peak flow is for short demand peaks. Reduction is greatest at or below the continuous rate. Flow figures vary with water conditions and pressure.

Certification

The AQUASORB™ CX MCA media is certified to NSF/ANSI 61 and meets AWWA B604 and EN 12915. These cover the media's material safety and quality, not system performance. Zenith holds NSF 372 for lead-free system materials.

06 Routine care and service

There is nothing to add and nothing to program. Zenith services PureStart once a year and replaces the carbon every 5 to 7 years.

Task	How often	Who
Yearly Zenith service: media check, flow test, water quality check, inspection	12 months after installation, then every year	Zenith
Carbon media replacement	Every 5 to 7 years (a separate visit, not part of the yearly service)	Zenith

We send you a service reminder 14 days before each visit. The yearly Zenith service is required to keep your parts warranty.

Fresh carbon

New carbon releases fine black dust and raises the pH of the first water through it. Zenith flushes the system until the water runs clear at installation and after each media change. If you see a little grey tint at a faucet in the first days, run the cold water for a few minutes.

If you need to turn the system off

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

07 Troubleshooting

Anything marked **Call Zenith** needs a technician.

What you notice	Likely cause	What to do
Chlorine taste or smell has returned	Carbon near the end of its life	**Call Zenith.** We will check the media.
Grey tint or black specks after installation or a media change	Carbon fines from new media	Run the cold water a few minutes. If it continues, call Zenith.
Water pressure has dropped	Media packed or a restriction in the plumbing	**Call Zenith.**
Rotten-egg smell, staining or hard water	Not treated by PureStart	Call Zenith for a free water test.
Leak at the tank or head	O-ring or fitting	Close the main shut-off valve. **Call Zenith.**

08 Zenith limited warranty

10 yr **10 years parts · 5 years labor**
Limited lifetime on the tank.

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 and carbon media replacement.

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 PureStart Filtration, 10″ × 44″
Installation date	
Installed by	
Media installed	
Next media change due	

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	Next media change	Technician
	Installation and start-up		

ZENITH
PURE SOLUTIONS

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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