



Protected Purity! Every Drop!

Smart. Efficient. Problem-Free
Whole House Water Solutions

Purity Carbon Pro

Whole House Carbon Filters



Clean, Calm Water. Naturally filtered!



Filter Valves	In/Out Head	56E-FT	WS1TC	Bluetooth	WiFi
Inlet/Outlet Fittings	3/4" - 1"	3/4" - 1"	3/4" - 1.5"	3/4" - 1.25"	3/4" - 1.5"
Service Flow Rate	Open	20 gpm	27 gpm	21 gpm	12.6 gpm
Peak Flow Rate	Open	26 gpm	27 gpm	27 gpm	16.8 gpm
Backwash Flow Rate	No	7 gpm	27 gpm	17 gpm	12.8 gpm
Drain Line	No	1/2"	3/4" - 1"	1/2"	1/2"
Distributor Pilot	1.05" OD (3/4" SCH40)	1.05" OD (3/4" SCH40)	1.05" OD (3/4" SCH40)	1.05" OD (3/4" SCH40)	1.05" OD (3/4" SCH40)
Mounting Base	2.5" 8 NPSM	2.5" 8 NPSM	2.5" 8 NPSM	2.5" 8 NPSM	2.5" 8 NPSM
Material	Thermal Plastic Resin	Noryl	Fiber Reinforced Composite	Noryl	Noryl
Brine Line	No	No	No	No	No
Digital Control	No	Timer	Timer	Meter - Bluetooth	Meter - Wifi
Immediate Regeneration	No	Yes, Adjustable	Yes, Adjustable	Yes, Adjustable	Yes, Adjustable
Delayed Regeneration	No	Yes, Adjustable	Yes, Adjustable	Yes, Adjustable	Yes, Adjustable
Cycles	No	2	6	5	5
Adjustable Cycles	No	All	All	All	All
Tank Size	6" - 16"	7" - 10"	6" - 21"	6" - 16"	6" - 16"
Height from Top of Tank	5"	7"	7 3/8"	7.7"	7.7"
Leak Detection	No	No	No	No	Yes



Purity Carbon Pro™ is a core pillar of the Sanctuary Collection, engineered for customers who want cleaner, safer, better tasting water at every tap. At the heart of every Purity Carbon Pro system is catalytic carbon, a high-performance, virgin media manufactured through a proprietary activation process. It is designed to outperform regular coconut activated carbon by at least 25% and is highly effective for removing chloramine and chlorine, two of the most used disinfectants found in municipal water supplies.



Why Catalytic Carbon



Most carbon filters use traditional activated carbon, which is effective for chlorine but struggles with chloramine, the disinfectant used by most major cities today. Catalytic carbon is different.

Enhanced Reactivity

Catalytic carbon undergoes a specialized treatment process that dramatically increases its ability to break down chloramine. The attached spec sheet highlights its Chloramine Activity Index of 80, demonstrating its high reactivity and performance.

Faster, More Complete Chemical Reduction

Catalytic carbon removes:

- Chlorine
- Chloramine
- VOCs
- Chemical odors
- Taste-causing compounds
- Disinfection byproducts

This means cleaner, safer water with no chemical smell or aftertaste.

Longer Media Life

With a Hardness Number of 97, our catalytic carbon offers exceptional abrasion resistance, meaning less breakdown, less channeling, and longer service life.

Better Performance in Real-World Conditions

Catalytic carbon maintains high performance across a wide pH range (5–9), making it ideal for municipal water variability.

Installing Purity Carbon Pro upstream of a softener delivers two major advantages:

1. Protects Softener Resin From Chlorine & Chloramine.

Chlorine and chloramine attack the cross-linking in softener resin beads, causing them to break down prematurely. This leads to:

- Reduced softening capacity
- Higher salt usage
- Resin fouling
- Shortened system lifespan

By removing disinfectants first, Purity Carbon Pro dramatically extends the life and performance of any softener.

2. Improves Whole-Home Water Quality.

Carbon filtration removes chemicals, odors, and tastes before water reaches:

- Plumbing
- Appliances
- Water heaters
- Fixtures
- The softener itself

This results in cleaner, fresher water throughout the entire home, not just softened water.





Purity Carbon Pro I/O



The Purity Carbon Pro I/O is a high-performance In/Out whole-home filtration system engineered to deliver cleaner, fresher, and more enjoyable water throughout the home. Powered by catalytic carbon, this system excels at removing chlorine, chloramines, unpleasant tastes and odors, and a wide range of organic contaminants. It's simple, low-maintenance design provides powerful point-of-entry protection while preserving flow and pressure, making it an ideal upgrade for families who want premium water quality without the complexity of a backwashing valve. As part of the Sanctuary Collection, the Purity Carbon Pro brings dependable purification, and a noticeably better water experience to every faucet.

Features:

- **Non-Backwashing, Maintenance-Free Design**
 - Simple In/Out head with no electronics, no drain line, and no programming
 - Zero moving parts for maximum reliability
 - Ideal for installations where a drain is unavailable or where simplicity is preferred
- **Proprietary Catalytic Carbon**
 - Exceptional chlorine/chloramine reduction
 - High surface area for extended media life
 - Effective removal of taste, odor, and organics
- **Low-Maintenance Operation**
 - No backwash cycles to set or monitor
 - No electricity required
 - Media replacement only every 1-2 years depending on tank size and usage
 - Perfect for customers wanting "set-and-forget" filtration
- **NSF-certified components**

Includes:

- In and Out Valve
- Upper Basket
- Media Tank
- Riser Tube w/ Bottom Basket
- Gravel Underbed
- Catalytic Carbon
- Bypass Valve
- 1" Connectors



Tank Size	Carbon Volume	Gravel Underbed
09×48	1.0 Cu Ft	12 lbs
10×54	1.5 Cu Ft	16 lbs
12×52	2.0 Cu Ft	20 lbs
13×54	2.5 Cu Ft	35 lbs





Purity Carbon Pro

56E-FT



The **Purity Carbon Pro 56E-FT** is a premium whole-home backwashing carbon filtration system engineered for families who want cleaner, fresher, and better-tasting water with fully automated performance. Powered by the 56SE-FT electronic control valve, this system delivers precise, reliable backwash cycles that restore media efficiency, prevent channeling, and maximize the lifespan. The digital programming, durable construction, and quiet operation make it an ideal upgrade for homeowners seeking a high-capacity, low-maintenance solution. As part of the Sanctuary Collection, the Purity Carbon Pro 56E-FT combines advanced filtration, dependable automation, and long-term protection.

Features:

- **56SE-FT Electronic Valve**
 - Digital programming with intuitive interface
 - Time-clock or metered backwash options
 - Corrosion-resistant internal components
 - Low-noise operation
 - High-flow piston design
- **Proprietary Catalytic Carbon**
 - Exceptional chlorine/chloramine reduction
 - High surface area for extended media life
 - Effective removal of taste, odor, and organics
- **Fully Automated Backwashing**
 - Restores media activity
 - Prevents channeling and compaction
 - Flushes sediment and oxidized contaminants
- **NSF-certified components**

Includes:

- Digital Valve
- Upper Basket
- Media Tank
- Riser Tube w/ Bottom Basket
- Gravel Underbed
- Catalytic Carbon
- Bypass Valve
- 1" Connectors
- Power Adapter
- Drain Line Fitting



Tank Size	Carbon Volume	Gravel Underbed
09×48	1.0 Cu Ft	12 lbs
10×54	1.5 Cu Ft	16 lbs
12×52	2.0 Cu Ft	20 lbs
13×54	2.5 Cu Ft	35 lbs





Purity Carbon Pro WS1TC



The **Purity Carbon Pro WS1TC** is a reliable, high-capacity whole-home carbon filtration system designed to deliver cleaner, fresher, and better-tasting water throughout the home. Built around the proven Clack WS1 Time Clock Filter Valve. The WS1TC provides consistent scheduled backwash cycles that restore media performance, prevent channeling, and maintain strong flow rates. With a gravel underbed for optimal flow distribution and catalytic carbon for superior chlorine, chloramine, taste, and odor reduction, this system delivers dependable, low-maintenance performance for municipal water applications.

Features:

- **Clack WS1 Time Clock Filter Valve**
 - Simple, reliable, time-clock-based backwashing
 - No meters or sensors, minimal failure points
 - Quiet operation with durable piston-seal-spacer design
 - Easy programming and serviceability
- **Proprietary Catalytic Carbon**
 - High-activity catalytic surface for chloramine reduction
 - Excellent taste and odor removal
 - Long media life with proper backwashing
- **Gravel Underbed**
 - Enhances flow distribution
 - Improves backwash lift and media cleaning
 - Reduce channeling and compaction
- **NSF-certified components**

Includes:

- Clack WS1TC Filter Valve
- Upper Basket
- Media Tank
- Riser Tube w/ Bottom Basket
- Gravel Underbed
- Catalytic Carbon
- Bypass Valve
- 1" Connectors
- Power Adapter
- Drain Line Fitting



Tank Size	Carbon Volume	Gravel Underbed
09×48	1.0 Cu Ft	12 lbs
10×54	1.5 Cu Ft	16 lbs
12×52	2.0 Cu Ft	20 lbs
13×54	2.5 Cu Ft	35 lbs





Purity Carbon Pro Bluetooth



The Purity Carbon Pro Bluetooth is an advanced whole-home backwashing carbon filtration system powered by the smart, app-enabled Bluetooth Filter Valve. Designed for homeowners who want premium water quality with effortless control, the Bluetooth valve allows full programming, monitoring, and cycle management directly from the Legacy View app. Paired with a gravel underbed for optimal flow distribution and filled with high-performance catalytic carbon, this system delivers exceptional reduction of chlorine, chloramine, taste, odor, and organic contaminants. As part of the Sanctuary Collection, the Purity Carbon Pro Bluetooth combines intelligent automation, powerful filtration, and long-term reliability to elevate the water experience throughout the entire home.

Features:

- **Signature Bluetooth Filter Valve**
 - Full control via Legacy View mobile app
 - Wireless programming, cycle adjustments, and diagnostics
 - Quiet, durable piston-seal-spacer design
 - Real-time system status and service alerts
- **Proprietary Catalytic Carbon**
 - High-activity catalytic surface for chloramine reduction
 - Excellent taste and odor removal
 - Long media life with proper backwashing
- **Gravel Underbed**
 - Enhances flow distribution
 - Improves backwash lift and media cleaning
 - Reduce channeling and compaction
- **Automated Backwashing**
 - Restores media performance
 - Flushes sediment and oxidized contaminants
 - Extends carbon lifespan
- **NSF-certified components**

Includes:

- Bluetooth Filter Valve – Legacy View
- Upper Basket
- Media Tank
- Riser Tube w/ Bottom Basket
- Gravel Underbed
- Catalytic carbon
- Bypass Valve
- 1" Connectors
- Power supply
- Drain Line Fitting



LEGACY
VIEW



Tank Size	Carbon Volume	Gravel Underbed
09×48	1.0 Cu Ft	12 lbs
10×54	1.5 Cu Ft	16 lbs
12×52	2.0 Cu Ft	20 lbs
13×54	2.5 Cu Ft	35 lbs





Purity Carbon Pro Wifi



The **Purity Carbon Pro WiFi** is a premium whole-home carbon filtration system engineered for homeowners who want powerful water treatment with full smart-home integration. Featuring the advanced DROP WiFi Filter Valve, this system provides remote monitoring, cycle control, leak detection integration, and real-time alerts through the DROP mobile app. With a gravel underbed for superior flow distribution and high-performance catalytic carbon, the Purity Carbon Pro WiFi delivers exceptional reduction of chlorine, chloramine, taste, odor, and organic contaminants. As part of the Sanctuary Collection, it combines intelligent automation, robust filtration, and long-term reliability for a fully connected water experience.

Features:

- **DROP WiFi Filter Valve**
 - Full system control via DROP mobile app
 - Remote programming, monitoring, and diagnostics
 - Integrated leak detection compatibility
 - Real-time alerts and water-use insights
 - Quiet, durable piston-seal-spacer design
- **Proprietary Catalytic Carbon**
 - High-activity catalytic surface for chloramine reduction
 - Excellent taste and odor removal
 - Long media life with proper backwashing
- **Gravel Underbed**
 - Enhances flow distribution
 - Improves backwash lift and media cleaning
 - Reduce channeling and compaction
- **Smart-Home Ready**
 - Integrates with DROP leak detectors, shutoff valves, and whole-home water management ecosystem
- **NSF-certified components**

Includes:

- DROP WiFi Filter Valve
- Upper Basket
- Media Tank
- Riser Tube w/ Bottom Basket
- Gravel underbed
- Catalytic carbon
- Bypass assembly
- Connectors
- Power Supply
- Drain Line Fitting



Tank Size	Carbon Volume	Gravel Underbed
09×48	1.0 Cu Ft	12 lbs
10×54	1.5 Cu Ft	16 lbs
12×52	2.0 Cu Ft	20 lbs
13×54	2.5 Cu Ft	35 lbs





Purity Carbon Pro Filter Housing Series



The **Purity Carbon Pro Filter Housing Series** delivers powerful whole-home chlorine, chloramine, taste, odor, and organic contaminant reduction in a compact, easy-to-service format. Available in 4.5" × 10" and 4.5" × 20" heavy-duty NSF housings, each system features 1" high flow ports and an integrated pressure-relief valve for fast, mess-free cartridge changes. Paired with high-performance catalytic carbon cartridges, these systems provide premium water quality improvement with no electricity, no drain line, and no programming. Designed for reliability, simplicity, and strong flow performance, the Purity Carbon Pro housings are ideal for municipal water customers seeking premium filtration in a small footprint.

Features

- **Heavy-Duty Filter Housings**
 - Available in 4.5" × 10" and 4.5" × 20" sizes
 - Thick-wall construction for durability and pressure stability
 - Integrated pressure-relief valve for easy cartridge replacement
 - 1" high-flow ports for strong whole-home performance
- **Catalytic Carbon Cartridges**
 - High-activity catalytic carbon for chloramine reduction
 - Excellent taste and odor removal
 - Low pressure drop with high-flow design
- **Low-Maintenance Operation**
 - No electricity
 - No drain line
 - No backwashing
 - Quick, tool-free cartridge changes
- **NSF-certified components**

**4.5" Grey 10"
Filter Housing**



**4.5" Grey 20"
Filter Housing**

