

ScaleX Pro: Catalytic Carbon Series

Drop In Slim Line Water Filter Cartridge Water Treatment

The ScaleX Pro Catalytic Carbon Water Filter delivers high-performance filtration with ultra-high surface area. Unlike standard carbon filters, it's coated inside and out with iron oxide—doubling adsorption capacity for superior removal of contaminants that affect water quality, taste, and equipment.



**10 in
SXP-1048**

**20 in
SXP-2048**

Micron Rating:	1.0m or greater	1.0m or greater
Suggested Replace Period (Depends on Water Quality Source and Usage):	Up to 12 months	Up to 12 months
Capacity (Gallons) with No Chloramines* present:	25000 Gallons	40000 Gallons
Flow Rate with No Chloramines* present:	2.0 GPM Gallon Per Minute	3.0 GPM Gallon Per Minute
Capacity (Gallons) with Chloramines* present:	5000 Gallons	10000 Gallons
Flow Rate with Trace of Chloramines* present:	2.0 GPM Gallon Per Minute	3.0 GPM Gallon Per Minute
Delivers Purified Drinking Water:	Yes	Yes
Prevents and Removes Temporary Scale which is Disolved Calcium and Magnesium Bicarbonate:	No, recommend: The Answer	No, recommend: The Answer
Prevents Permanent Scale which is Disolved Calcium and Magnesium Sulfates and Chlorides:	No, recommend: The Answer Plus	No, recommend: The Answer Plus
Inhibits Corrosion:	No, recommend: The Answer	No, recommend: The Answer
Retains PH and TDS (No Change):	Yes	Yes
Removes Chlorine:	Yes	Yes
Removes Chloramines*:	Yes	Yes
Removes off Odors, Bad Taste, Cloudiness, Particulates and Sediment (Turbidity):	Yes	Yes
Reduces Pesticides, Herbicides, Biocides, Cysts, Microplastics, Volitile Organic Compunds (VOC's), Trihalomethanes (THMs):	Yes	Yes
Retains Healthy Calcium and Magnesium Minerals from Water Supply:	Yes	Yes
Reduces Ferric Iron:	Yes	Yes
Reduces Ferrous Iron:	No, recommend: ScaleX Pro IronSlayer	No, recommend: ScaleX Pro IronSlayer
Reduces Metals (example: Some Lead and Copper):	Yes	Yes
Reduces Heavy Metals (example: Cadmium, Copper, Chromium (VI), Lead, Mercury):	No, recommend: ScaleX Pro MetalSlayer	No, recommend: ScaleX Pro MetalSlayer

**Refer to your local municipal water utility's website to determine whether chloramines are used as a disinfectant.*

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Drop In Slim Line Water Filter Cartridge Water Treatment

The ScaleX Pro Drop In Slim Line Water Filters are designed for hassle-free integration into your 10in or 20in Standard Drop In Slim Line Water Filter System.



10 in
SXP-1048



20 in
SXP-2048

List Price:	\$75.00	\$146.00
UPC:	850061038081	850061038043
Unit - Depth (in):	2.5 in	2.5 in
Unit - Width (in):	2.5 in	2.5 in
Unit - Height (in):	10.0 in	20.0 in
Unit - Weight:	1.38 lb	2.75 lb
Case Pk (units):	25 units	12 units
Case - Length (in):	16.50 in	9.75 in
Case - Width (in):	16.50 in	14.00 in
Case - Height (in):	11.00 in	21.00 in
Case - Weight (lb):	36.63 lb	34.75 lb
Minimum Operating Temperature:	40° F / 4° C	
Maximum Inlet Temperature:	100° F / 37.7° C	
Minimum Operating Pressure:	20 psig (pounds per square inch gauge) / 1.38 bar	
Maximum Operating Pressure:	80 (pounds per square inch gauge) / 6.9 bar	
Maximum Differential Pressure:	601 (pounds per square inch gauge) / 4.14 bar	
Collapse Pressure:	150 (pounds per square inch gauge) / 10.35 bar	

ScaleX Pro Drop In Slim Line Parts and Systems

- SXP-158194 10in Drop In Slim Line Housing 1/2in FMP (Female Pipe Tread)
- SXP-158203 20in Drop In Slim Line Housing 1/2in FMP (Female Pipe Thread)
- SXP-10SL-1 1 Stage System, 10in Drop In Slim Line 1/2in ports (Does not include Water Filter Inserts)
- SXP-20SL-1 1 Stage System, 20in Drop In Slim Line 1/2in ports (Does not include Water Filter Inserts)
- SXP-10SL-2 2 Stage System, 10in Drop In Slim Line 1/2in ports (Does not include Water Filter Inserts)
- SXP-20SL-2 2 Stage System, 20in Drop In Slim Line 1/2in ports (Does not include Water Filter Inserts)
- SXP-10SL-3 3 Stage System, 10in Drop In Slim Line 1/2in ports (Does not include Water Filter Inserts)
- SXP-20SL-3 3 Stage System, 20in Drop In Slim Line 1/2in ports (Does not include Water Filter Inserts)



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Features:

- **High-Efficiency Catalytic Activated Carbon:** Delivers 4x greater monochloramine reduction capacity compared to standard activated carbon filters.
- **Comprehensive Contaminant Removal:** Effectively eliminates chlorine, chloramines, bad taste, odors, sediment, dirt, rust, and suspended solids through advanced catalytic carbon filtration.
- **Iron-Oxide Coated Catalytic Carbon:** Maximizes catalytic efficiency and adsorption capacity.
- **Ultra-Low Moisture Content (<5%):** Ensures optimal performance and extended service life.
- **Exceptional Surface Area (BET 2000 m²/g):** Nearly twice that of standard catalytic carbon.
- **High Apparent Density (635 kg/m³):** Greater volume activity and superior filtration output.
- **Low Micron Filtration (≤1 micron):** Removes fine suspended solids with precision.

Benefits:

- **Effectively removes** Chlorine, Chloramines, and Chlorine By-Products
- **Eliminates** Trihalomethanes (THMs), Phenols, and p-Nitro Phenol
- **Adsorbs** Humic Substances, Tannins, and Lignin
- **Neutralizes** Hydrogen Sulfide, unpleasant odors, taste, and color
- **Captures** organic dyes and fine particulate matter
- **Enhances** beverage flavor and protects equipment from bio-fouling

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Installation and Operational Guidelines

•**Vertical Installation Only:** The filter cartridge must be installed in a vertical orientation to ensure optimal media performance and flow consistency.

•**Inlet Pressure Limit:** Verify that the incoming water pressure does not exceed **80 psi**. Pressures above this threshold may displace the scale media, causing it to become lodged at the top of the cartridge and restrict water flow.

•**Initial Flush:** Flush the new filter cartridge for **10 minutes** prior to use to remove any residual carbon fines or manufacturing debris.

•Pre-Filtration Recommended:

- For **ice machines and espresso equipment**, install a **0.5-micron sediment filter** upstream.
- For other foodservice or kitchen applications, use a **1 to 5-micron sediment filter**, selected based on your water quality conditions.

•Troubleshooting Flow Issues:

- If flow rate decreases or becomes restricted, first replace the sediment pre-filter.
- If slow flow persists, proceed to replace the main filter cartridge.

Important Notice & Disclaimer:

Performance claims are based on a complete system configuration that includes a compatible filter and a pressurized water source. To achieve the stated performance, the filter must be installed in an appropriate system and operated in accordance with the system's specifications. Proper operation, routine maintenance, and timely filter replacement are essential for optimal performance. Always refer to the Manufacturer's Performance Data Sheet and follow all instructions specific to your application.

Key Testing Standards & Clarifications:

•Chlorine taste and odor reduction claims are based on testing conducted in accordance with NSF/ANSI Standard 42 protocols.

•**Nominal Particulate Rating:** Indicates that >85% of particles of a specified size are removed, based on single-pass particle counting.*

•**Absolute Particulate Rating:** Indicates that >99.9% of particles of a specified size are removed, based on single-pass particle counting.**

Performance results may vary depending on specific water quality parameters, including organic content, pH, temperature, and other environmental conditions. All information is based on data believed to be reliable and is provided for evaluation purposes only. It is not to be construed as a guarantee or warranty of any kind.

* *Nominal Filter Rating:* A filter's estimated capacity to remove a certain size particle in 85% of test cases.

** *Absolute Filter Rating:* Indicates that 99.9% of particles larger than the stated size are removed.

Limited Liability:

ScaleX Pro makes no warranties, express or implied, statutory or otherwise, including but not limited to warranties of merchantability or fitness for a particular purpose. The only warranty provided is that the product will perform as outlined in the associated product data sheet when used as intended.

In the event of product failure, ScaleX Pro's sole obligation will be, at its discretion, to either replace the defective product or refund the purchase price. The user is solely responsible for determining the suitability of the product for their specific application. Use of this product constitutes the buyer's acceptance of this Limited Liability.

Certification Note:

All filter materials are individually certified under NSF/ANSI Standards 42 and 61 for material safety.

Filters are not performance-tested or certified by NSF or WQA.

ScaleX Pro filters are not designed to be autoclaved or steam sterilized.

Use only with water that is microbiologically safe and has been adequately disinfected.