

ScaleX Pro: ScaleSlayer Series

Drop In Slim Line Water Filter Cartridge Water Treatment

The smarter, healthier, and more sustainable way to prevent scale—without compromise. Powered by FILTERSORB® SP3 media, designed to preserve essential minerals while effectively preventing and removing scale buildup.



**10 in
SXP-1027**



**20 in
SXP-2027**

	10 in SXP-1027	20 in SXP-2027
Micron Rating:	No, Recommend: Adding Ultra Sediment and/or Catalytic Carbon as a Pre-Filters	No, Recommend: Adding Ultra Sediment and/or Catalytic Carbon as a Pre-Filters
Suggested Replace Period (Depends on Water Quality Source and Usage):	Up to 12 months	Up to 12 months
Capacity (Gallons) with No Chloramines* present:	10000 Gallons	20000 Gallons
Flow Rate with No Chloramines* present:	1.0 Gallon Per Minute (GPM)	2.0 Gallon Per Minute (GPM)
Capacity (Gallons) with Chloramines* present:	N/A	N/A
Flow Rate with Trace of Chloramines* present:	N/A	N/A
Delivers Purified Drinking Water:	No, Recommend: Adding Catalytic Carbon as a Pre-Filter	No, Recommend: Adding Catalytic Carbon as a Pre-Filter
Prevents and Removes Temporary Scale which is Dissolved Calcium and Magnesium Bicarbonate:	Yes - up to 85 grains	Yes - up to 85 grains
Prevents Permanent Scale which is Dissolved Calcium and Magnesium Sulfates and Chlorides:	No, Recommend: ScaleSlayer Plus and adding Catalytic Carbon as a Pre-Filter	No, Recommend: ScaleSlayer Plus and adding Catalytic Carbon as a Pre-Filter
Inhibits Corrosion:	Yes, Also Recommend: Adding Catalytic Carbon as a Pre-Filter	Yes, Also Recommend: Adding Catalytic Carbon as a Pre-Filter
Retains PH and TDS (No Change):	Yes	Yes
Removes Chlorine:	No, Recommend: Adding Catalytic Carbon as a Pre-Filter	No, Recommend: Adding Catalytic Carbon as a Pre-Filter
Removes Chloramines*:	No, Recommend: Adding Catalytic Carbon as a Pre-Filter	No, Recommend: Adding Catalytic Carbon as a Pre-Filter
Removes off Odors, Bad Taste, Cloudiness, Particulates and Sediment (Turbidity):	No, Recommend: Adding Catalytic Carbon as a Pre-Filter	No, Recommend: Adding Catalytic Carbon as a Pre-Filter
Reduces Pesticides, Herbicides, Biocides, Cysts, Microplastics, Volatile Organic Compounds (VOC's), Trihalomethanes (THMs):	No, Recommend: Adding Catalytic Carbon as a Pre-Filter	No, Recommend: Adding Catalytic Carbon as a Pre-Filter
Retains Healthy Calcium and Magnesium Minerals from Water Supply:	Yes	Yes
Reduces Ferric Iron:	No, Recommend: Adding Catalytic Carbon as a Pre-Filter	No, Recommend: Adding Catalytic Carbon as a Pre-Filter
Reduces Ferrous Iron:	No, Recommend: Adding IronSlayer and Catalytic Carbon as a Pre-Filter	No, Recommend: Adding IronSlayer and Catalytic Carbon as a Pre-Filter
Reduces Metals (example: Some Lead and Copper):	No, Recommend: Adding Catalytic Carbon as a Pre-Filter	No, Recommend: Adding Catalytic Carbon as a Pre-Filter
Reduces Heavy Metals (example: Cadmium, Copper, Chromium (VI), Lead, Mercury):	No, Recommend: Adding Catalytic Carbon and MetalSlayer and as a Pre-Filters	No, Recommend: Adding Catalytic Carbon and MetalSlayer and as a Pre-Filters

*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-1027	20 in SXP-2027
List Price:	\$154.00	\$295.00
UPC:	850061038197	850061038203
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:	0.63 lb	1.31 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):	18.00 lb	17.47 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:

- **FILTERSORB® SP3 Media:** Powered by **Nucleation Assisted Crystallization (NAC)**, this patented media transforms calcium and magnesium into stable micro-crystals that do not stick to surfaces—stopping scale before it forms.
- **No Salt, No Chemicals, No pH or TDS Change:** Maintains water’s natural mineral content, pH level, and TDS—preserving healthy **Calcium and Magnesium** without adding **sodium, phosphates**, or any chemicals.
- **De-Scaling Capability:** Not only prevents new scale, but **gradually removes existing scale** in plumbing, appliances, and equipment—making it ideal for retrofit applications.
- **Biocidal Action:** CO₂ micro-bubbles formed during NAC destroy bacterial membranes, helping prevent **biofouling** without chemical disinfection.
- **Certified and Proven:** Certified under **NSF/ANSI 61** and tested across international standards for safety, high-temperature performance, and product quality.
- **Wide Application Use:** Effective in **residential, foodservice, commercial**, and **industrial** systems; perfect for coffee brewers, boilers, dishwashers, humidifiers, RO pre-treatment, HVAC and more.

Benefits:

- **Stops Scale Before It Starts** – Transforms hardness minerals into harmless micro-crystals that don’t bond to pipes or equipment.
- **Removes Existing Scale** – Reduces buildup already present in plumbing and heating systems.
- **Preserves Essential Minerals** – Keeps calcium and magnesium in water for health and taste, unlike sodium-based softeners.
- **Eco-Friendly** – No brine discharge, no regeneration cycle, and no chemical additives.
- **Saves Money** – Extends equipment life, improves energy efficiency, and eliminates the need for costly maintenance and descaling chemicals.
- **Safe and Stable** – No change in water chemistry, pH, or TDS, ensuring compatibility with sensitive equipment and corrosion-prone systems.

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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.