

# ScaleX Pro: ScaleSlayer Plus Series

## Drop In Slim Line Water Filter Cartridge Water Treatment

The ScaleSlayer Plus provides chemical-free protection from permanent and temporary scale buildup for espresso machines, ice makers, and water systems. FILTERSORB® CT NAC technology without salt, phosphates, or ion-exchange.



**10 in**  
**SXP-10SSP**

**20 in**  
**SXP-20SSP**

	<b>10 in</b> <b>SXP-10SSP</b>	<b>20 in</b> <b>SXP-20SSP</b>
<b>Micron Rating:</b>	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
<b>Suggested Replace Period:</b> Depends on Water Quality Source and Usage	Up to 12 months	Up to 12 months
<b>Capacity (Gallons) with No Chloramines* present:</b>	10000 Gallons	20000 Gallons
<b>Flow Rate with No Chloramines* present:</b>	1.0 Gallon Per Minute (GPM)	2.0 Gallon Per Minute (GPM)
<b>Capacity (Gallons) with Chloramines* present:</b>	10000 Gallons	20000 Gallons
<b>Flow Rate with Trace of Chloramines* present:</b>	1.0 Gallon Per Minute (GPM)	2.0 Gallon Per Minute (GPM)
<b>Delivers Purified Drinking Water</b>	No, Recommend: Adding Catalytic Carbon as a Pre-Filter	No, Recommend: Adding Catalytic Carbon as a Pre-Filter
<b>Prevents and Removes Temporary Scale which is Dissolved Calcium and Magnesium Bicarbonate:</b>	Yes - up to 15 grains	Yes - up to 15 grains
<b>Prevents Permanent Scale which is Dissolved Calcium and Magnesium Sulfates and Chlorides:</b>	Yes	Yes
<b>Inhibits Corrosion:</b>	Yes, Also Recommend: Adding Catalytic Carbon as a Pre-Filter	Yes, Also Recommend: Adding Catalytic Carbon as a Pre-Filter
<b>Retains PH and TDS (No Change):</b>	Yes	Yes
<b>Removes Chlorine:</b>	No, Recommend: Adding Catalytic Carbon as a Pre-Filter	No, Recommend: Adding Catalytic Carbon as a Pre-Filter
<b>Removes Chloramines*:</b>	No, Recommend: Adding Catalytic Carbon as a Pre-Filter	No, Recommend: Adding Catalytic Carbon as a Pre-Filter
<b>Removes off Odors, Bad Taste, Cloudiness, Particulates and Sediment (Turbidity):</b>	No, Recommend: Adding Catalytic Carbon as a Pre-Filter	No, Recommend: Adding Catalytic Carbon as a Pre-Filter
<b>Reduces Pesticides, Herbicides, Biocides, Cysts, Microplastics, Volatile Organic Compounds (VOC's).</b>	No, Recommend: Adding Catalytic Carbon as a Pre-Filter	No, Recommend: Adding Catalytic Carbon as a Pre-Filter
<b>Retains Healthy, Essential Calcium and Magnesium Minerals from Water Supply:</b>	Yes	Yes
<b>Reduces Ferric Iron:</b>	No, Recommend: Adding Catalytic Carbon as a Pre-Filter	No, Recommend: Adding Catalytic Carbon as a Pre-Filter
<b>Reduces Ferrous Iron:</b>	No, Recommend: Adding IronSlayer and Catalytic Carbon as a Pre-Filter	No, Recommend: Adding IronSlayer and Catalytic Carbon as a Pre-Filter
<b>Reduces Metals (example: Some Lead and Copper):</b>	No, Recommend: Adding Catalytic Carbon as a Pre-Filter	No, Recommend: Adding Catalytic Carbon as a Pre-Filter
<b>Reduces Heavy Metals (example: Cadmium, Copper, Chromium (VI), Lead, Selenium, Mercury):</b>	No, Recommend: Adding Catalytic Carbon and MetalSlayer and as a Pre-Filters	No, Recommend: Adding Catalytic Carbon and MetalSlayer and as a Pre-Filters

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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-10SSP	20 in SXP-20SSP
List Price:	\$189.00	\$363.00
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:	.57 lb	1.07 lb
Case Pk (units):	20 units	9 units
Case - Length (in):	13 in	10 in
Case - Width (in):	11 in	9 in
Case - Height (in):	16 in	21 in
Case - Weight (lb):	14.82 lb	12.25 lbs

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

### 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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## Drop In Slim Line Water Filter Cartridge Water Treatment

### Features:

- **FILTERSORB® CT NAC Technology:** Advanced third-generation Nucleation Assisted Crystallization (NAC) converts calcium and magnesium hardness (up to 15 grains) into stable, non-soluble microcrystals—preventing scale without altering TDS or pH.
- **Chemical-Free Water Treatment:** Eliminates the need for salt, phosphates, or ion-exchange resins, providing a natural, eco-friendly solution that preserves healthy minerals.
- **Fast-Reacting NAC Process:** Crystallization occurs in just three seconds—three times faster than earlier TIC/TAC systems—stopping scale before it can form and preventing CO<sub>2</sub> absorption that can lead to corrosion.
- **Active Biocidal Protection:** CO<sub>2</sub> microbubbles formed during the NAC process destroy bacterial membranes, minimizing biofouling and maintaining cleaner, healthier water.
- **Certified 99.6% Effective:** Independently tested and proven to achieve a 99.6% scale-prevention rating under international protocols for reliability and performance.
- **Versatile Applications:** Designed for residential and commercial use; ideal for espresso machines, ice makers, beverage systems, combi-ovens, steamers, and misters—protecting plumbing and equipment.
- **High-Capacity Design:** Treats up to 10,000 gallons at 1 gallon per minute, delivering consistent flow and long-lasting performance.
- **Easy Integration:** Fits any Standard Drop-In Slim Line Housing for quick, no-hassle installation.
- **Long-Lasting Performance:** Replace filters every 6–12 months for optimal efficiency and protection.

### Benefits:

- **Stops Scale Before It Starts:** Prevents calcium and magnesium from bonding to surfaces, protecting plumbing and equipment from costly buildup.
- **Removes Existing Scale:** Gradually reduces existing scale deposits, restoring performance and efficiency to heat-exchange surfaces.
- **Preserves Healthy Minerals:** Keeps beneficial calcium and magnesium in your water for better taste and balanced mineral content.
- **Prevents Corrosion:** Maintains pH and TDS stability, eliminating issues caused by acidic or softened water.
- **Reduces Maintenance Costs:** Extends the life of equipment and components while cutting downtime and service expenses.
- **Eco-Friendly & Sustainable:** 100% chemical-free and salt-free—no brine discharge, no regeneration cycle, and zero environmental impact.
- **Safe for All Applications:** Compatible with foodservice, residential, and commercial systems requiring stable, clean, mineral-rich water.

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## Drop In Slim Line Water Filter Cartridge Water Treatment

### 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.