

Featuring IsoNet™ and ScaleX® for Optimal Scale & Corrosion Protection.

Impact On Business

- Simple, routine maintenance keeps equipment in top shape.
- Equipment operates efficiently & stays cleaner.
- Add years to equipment life.

Value

- Less hassle and expense common with steam equipment.
- Avoid downtime and unscheduled service.
- Less maintenance and longer service life means greater profit.

Performance

- Maximum protection against corrosion and scale formation¹.
- Reduce Chlorine – #1 cause of boiler corrosion.
- Remove dirt and sediment particles that contribute to scale build-up and clog solenoids.

OptiPure combines the latest advances in filtration media technology with over 25 years experience to meet real-world filtration needs. We guarantee measurable results that will have a positive impact on your success.

**Compare the Performance . .
 . . Measure the Difference**

Scale & Corrosion Protection

FXS-11



FXS-12



ScaleX

Application Guide	
FXS-11	Low Volume
FXS-12	High Volume

- Tested and Certified by NSF International against NSF/ANSI Standard 42 for materials requirements only.

QTS-1



Qwik Twist

Application Guide	
QTS-1	Low Volume

- Tested and Certified by NSF International against NSF/ANSI Standard 42 for materials requirements only.

Scale & Corrosion Protection, Sediment & Chlorine Reduction

FXI-11



FXI-12



IsoNet™
Patent Pending

Application Guide	
FXI-11	Low Volume
FXI-12	High Volume

- Tested and Certified by NSF International.

QTI-1



Qwik-Twist

Application Guide	
QTI-1	High Volume

- Tested and Certified by NSF International.

Hardness Removal

FXWS-12B



Hardness Removal	
Capacity	5,200 grains

- Recommended for flash-type steamers and warmers.

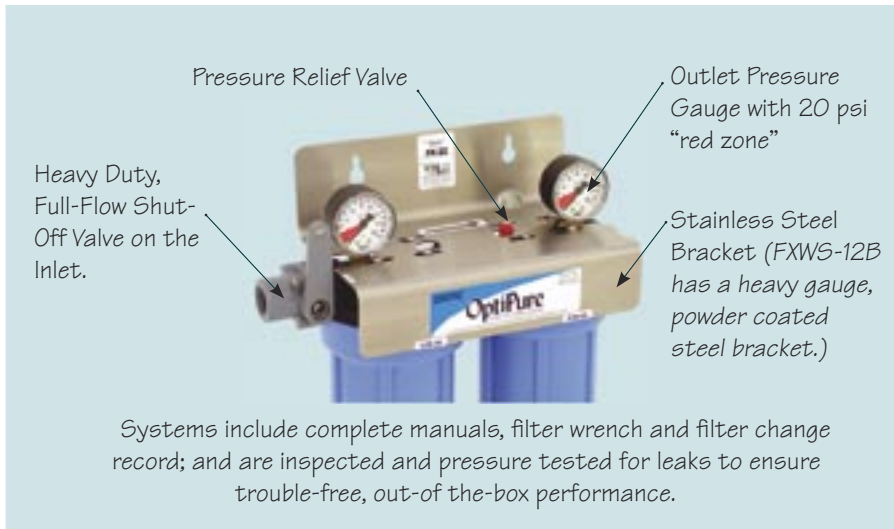


Where indicated, products are Tested and Certified by NSF International. Refer to the Performance Data Sheet available for each system for Certification Information. Performance data sheets are available on our website, optipurewater.com.
¹IsoNet and ScaleX scale and corrosion inhibitor technology tested & verified by independent laboratory testing.

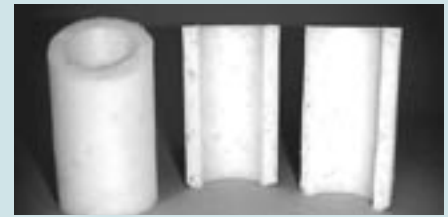
Steam Applications

Specifications and Performance Data

System Features



The OptiPure™ Advantage



Controlled dosing, superior protection.

ScaleX filters incorporate a matrix of sil-phos granules embedded in a unique porous structure. This Poly-Matrix controlled-release design is a proven superior performer on water with hardness up to 25 grains per gallon.

IsoNet combines up to 5 times the scale prevention capacity of competitive filters with a unique controlled release design. The result is consistent, long-term dosing for optimal equipment protection water with hardness up to 20 grains per gallon.

Warranty Information

Systems have a three year warranty against defects in materials and workmanship. For complete warranty information refer to the warranty statement included with each system.

System Application Data

Model	QTS-1	QTI-1	FXS-11	FXS-12	FXI-11	FXI-12	FXWS-12B
Steam Volume*	Low	High	Low	High	Low	High	Flash type
Technology	ScaleX	IsoNet	ScaleX	ScaleX	IsoNet	IsoNet	Ion Exchange
Capacity in gallons** (liters)	15,000 (56,775)	22,500 (85,162)	15,000 (56,775)	30,000 (113,550)	15,000 (56,775)	30,000 (113,550)	1,040 @ 5 gpg 520 @ 10 gpg
Service Flow Rate	2 gpm (7.5 lpm)	2.25 gpm (8.5 lpm)	1.5 gpm (5.7 lpm)	3 gpm (11.3 lpm)	1.5 gpm (5.7 lpm)	3 gpm (11.3 lpm)	2 gpm (8 lpm)
Dimensions (Height x Width x Depth, inches)	15.5 x 6 x 4.2	20 x 6 x 4.2	14.5 x 6.5 x 5	25 x 6.5 x 5	14.5 x 6.5 x 5	25 x 6.5 x 5	28.5 x 13.5 x 8.5
Connection - Inlet & Outlet	3/8" NPTF		1/2" NPTF (Female)				3/4" NPTF
Pressure Range	10-125 psi (0.7-8.6 bar)						
Temperature Range	35°-100°F (2° - 38°C)						
Application Range	ScaleX - up to 25 grains/gallon				IsoNet - up to 20 grains/gallon		
Particulate Reduction	Greater than 98% @ 5 micron						N/A

* Steam volume explained: Low volume applications include atmospheric and countertop steamers, warming tables and rethermalizers. High volume applications include pressure steamers, stacked units and steamer/proofer combinations.

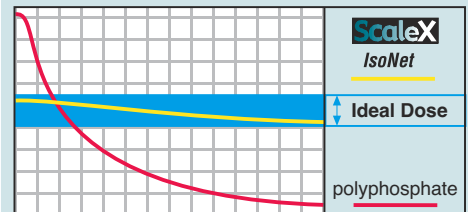
** FXWS capacity shown is based on grains per gallon (gpg) of hardness. One grain per gallon of hardness is 17.1 mg/L of Calcium Carbonate.

Replacement Cartridges, FXS

Model	Cartridge	Item #
FXS-11	(1) SCLX-10	252-30010
FXS-12	(1) SCLX-20	252-30020
FXS-21	(1) CTO-10 (1) SCLX-10	252-20110 252-30010
FXS-22	(1) CTO-20 (1) SCLX20	252-20120 252-30020

Replacement Cartridges, FXI, FXWS, QT

Model	Cartridge	Item #
FXI-11	(1) CTOS-10	252-20210
FXI-12	(1) CTOS-20	252-20220
FXWS-12B	(1) WSB-20	252-60040
QTS-1	(1) SCLX-QT	300-05835
QTI-1	(1) CTOS-Q	300-05835



Real World Performance-Real World Benefits.

As the chart above shows, for most of the service life of a polyphosphate filter, the dosage is insufficient for proper scale and corrosion protection. Only **ScaleX** and **IsoNet** provide consistent long-term protection from scale and corrosion.

Filter change Frequency.

Typical service life is 6 months between filter changes.

OptiPure Dealer:

Manufactured by FilterXpress a division of Procam Controls Inc.
2605 Technology Dr. Bldg 300 Plano, TX 75074 (972) 881-9797 FAX (972) 422-6262
www.optipurewater.com

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