



EVERPURE®

NEW WEAPONS AGAINST ICE MACHINE SLIME

Introducing the new Everpure 4SI and 7SI Carbonless Ice Filter Cartridges by Pentair®



The Pentair Everpure 4SI and 7SI Cartridges are ideal for foodservice operations that have had problems with slime and bacteria growth in their ice machines and ice bins. An example is a location that does baking or brewing on site where yeast can cause biofilm growth. The Everpure 4SI and 7SI Cartridges feature a proprietary Fibredyne™ media without carbon which allows chlorine to pass through while still providing scale protection and particulate reduction.

THE BENEFITS OF THE 4SI AND 7SI FILTERS

Helps Reduce Slime: Allows chlorine present in the influent municipal water stream to pass through to the ice machine, reducing the growth of bacteria leading to biofilm in the machine and bin. Helps reduce the risk of a health inspection violation due to bacteria inside the ice machine.

Helps with compliance of ASHRAE Standard 188P: In healthcare and hospital facilities it allows chlorine to pass into the ice machines.

Backward Compatible: Fits all quick-change Everpure QC7I head manifolds already in the field, so it is easy to change from the Insurice®, 4FC-S or 7FC-S to the 4SI or 7SI Filter if desired.

Ice Machine Protection: Integrated scale inhibition reduces scale damage that can increase service costs by causing “freeze-up” on the evaporator plate and in the ice bin, clogging of distribution lines, and any disrupting of probes, pumps, solenoids, and valves.

Superior Dirt-Holding Capabilities: Fibredyne media provides superior dirt-holding down to 0.5-micron by mechanical means*.

Rated Capacity: Approximate particulate reduction and scale inhibition**
 – 4SI: 15,000 gallons (56,781 litres)
 – 7SI: 25,000 gallons (94,635 litres)

Peace of Mind: Reduces cysts that can cause waterborne diseases such as *Cryptosporidium* and *Giardia* by mechanical means*.

Tested and Approved by NSF®: Certified to Standards 42 (Particulate Class I) and 53 (Cyst Reduction).

CARTRIDGE	PART NO.	FLOW RATE		RATED CAPACITY**		MICRON RATING						PACK SIZE	SHIP WT.	
		GPM	LPM	GALLONS	LITRES		SCALE INHIBITION	NSF STD 42	PARTICULATE REDUCTION	NSF STD 53	CYST REDUCTION**†		LB	KG
4SI	EV9606-51	2	7.57	15,000	56,781	0.5	•	•	•	•	•	1	1.6	0.73
7SI	EV9606-01	3.5	13.25	25,000	94,635	0.5	•	•	•	•	•	1	2	0.9

*See individual system specification sheets for performance claims and FIFRA registration information.

**Estimated. Actual capacity may vary depending on the volume of particulate in incoming water.

†By mechanical means.

EVERPURE 4SI AND 7SI SYSTEMS CAN ALSO BE CREATED USING THE FOLLOWING MANIFOLD HEADS

Single System: 3.5 gpm Flow Rate; 25,000 gallons Capacity
7SI or 4SI + QL3B Head (EV9259-24)
7SI or 4SI + QC7I Single Head with gauge (EV9272-41)

Twin System: 7 gpm Flow Rate; 50,000 gallons Capacity
7SI or 4SI + Twin Parallel Head (EV9272-22)

Triple System: 10.5 gpm Flow Rate; 75,000 gallons Capacity
7SI or 4SI + Triple Parallel Head (EV9272-23)

Quad System: 14 gpm Flow Rate; 100,000 gallons Capacity
7SI or 4SI + Quad Parallel Head (EV9336-11)

SIZING THE 4SI AND 7SI

SYSTEM	ICE APPLICATIONS		
	LOW FLOW CUBERS	HOSHIZAKI®	FLAKERS
Single 4SI	up to 1,000 lbs per day	up to 650 lbs per day	up to 2,000 lbs per day
Single 7SI and 7CLM/7SI Hybrid	up to 1,600 lbs per day	up to 1,150 lbs per day	up to 3,500 lbs per day
Twin 7SI	>1,600 lbs per day	>1,150 lbs per day	>3,500 lbs per day
Triple 7SI	Multiple Cubers or Flakers with a total flow rate of 10.5 gpm		
Quad 7SI	Multiple Cubers or Flakers with a total flow rate of 14 gpm		

THE EVERPURE® 7SI IS AVAILABLE AS PART OF THE HYBRID 7CLM/7SI SYSTEM

System provides two distinct water qualities:

- Three parallel heads on the left side for fountain and drinking water feature Everpure 7CLM Cartridges with premium catalytic carbon for highly effective chloramines reduction
- A single head features an Everpure 7SI Cartridge on the right for ice

A twin system (EV9278-20) is available with a plug in the third head allowing for future expansion should water requirements increase.

NSF Certification to Standard 42 (Aesthetics including taste and odor) and Standard 53 (Health Effects).



7CLM/7SI HYBRID SYSTEM
EV9278-21

SPECIFICATIONS

Service Flow Rate: 3.5 gpm (13.25 lpm)

Particulate & Scale Inhibitor Capacity: 25,000 gallons (94,635 litres)*

Micron Rating: 0.5 (by mechanical means**)

Overall Dimensions: 20.75" H x 3.25" D (52.7 cm H x 8.26 cm D)

Pressure Requirements: 10-125 PSI (0.7-8.6 bar)

Maximum Temperature: 35-100°F (2-28°C)

Electrical Power Supply: None required

Shipping Weight: 2 lbs (0.9 kg)

SYSTEM	PART NO.	7CLM TRIPLE SYSTEM - PRIMARY				7SI SINGLE SYSTEM - SECONDARY				DIMENSIONS (H X W X D)	
		RATED CAPACITY		FLOW RATE		RATED CAPACITY		FLOW RATE		IN	CM
		GALLONS	LITRES	GPM	LPM	GALLONS	LITRES	GPM	LPM		
7CLM/ 7SI Hybrid***	EV9278-21	10,800	40,882	5.1	19.3	25,000*	94,635*	3.5	13.25	25.6 x 26.53 x 5.75	65.0 x 67.4 x 14.6
		16,500	62,459	4.0	15.1	—	—	—	—		
		24,000	90,850	3.0	11.4	—	—	—	—		
7CLM Replacement Cartridge 1 PK	EV9693-01	3,600	23,267	1.7	6.4	—	—	—	—	—	—
		5,500	20,820	1.3	6.0	—	—	—	—		
		8,000	30,286	1.0	3.8	—	—	—	—		
7SI Replacement Cartridge 1 PK	EV9606-01	—	—	—	—	25,000*	94,635*	3.5	13.25	—	—

*Estimated. Actual capacity may vary depending on volume of particulate in incoming water.

**See individual specification sheets for performance claims and FIFRA registration information.

***Also available as a Twin System (EV9278-20).



FILTRATION & PROCESSING SOLUTIONS

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