



Heavy Metal Removal

Titanium dioxide is a widely available compound that can be mined from minerals in the ground.

Item

SXP-1029:	10" slim line Heavy metal reduction refill
SXP-2029:	20" slim line Heavy metal reduction refill
SXP-1029BB:	10" big blue Heavy metal reduction refill
SXP-2029BB:	20" big blue Heavy metal reduction refill

Overview:

Titanium dioxide can remove arsenic, Cadmium, Copper, Chromium (VI), Lead, Selenium and many other heavy metals and produces Clean Water. For Optimal Reduction of metals, pH of water should be between 6.5 to 6.9.

Oxidizers(Chlorine and Chloramines) must be removed from water before water goes thru Titanium dioxide. We recommend organosorb as pretreatment to remove oxidizers and get pH to optimal reduction range

Benefits

1. Removes Arsenic 3&5
2. Removes Cadmium, Copper, Chromium(VI) Lead and Selenium

Installation and Operational tips

Install vertically so bowls hang down

Allow 2-1/2" clearance below the cartridge for easy cartridge replacement

Make sure O-ring on bowl is sufficiently lubricated

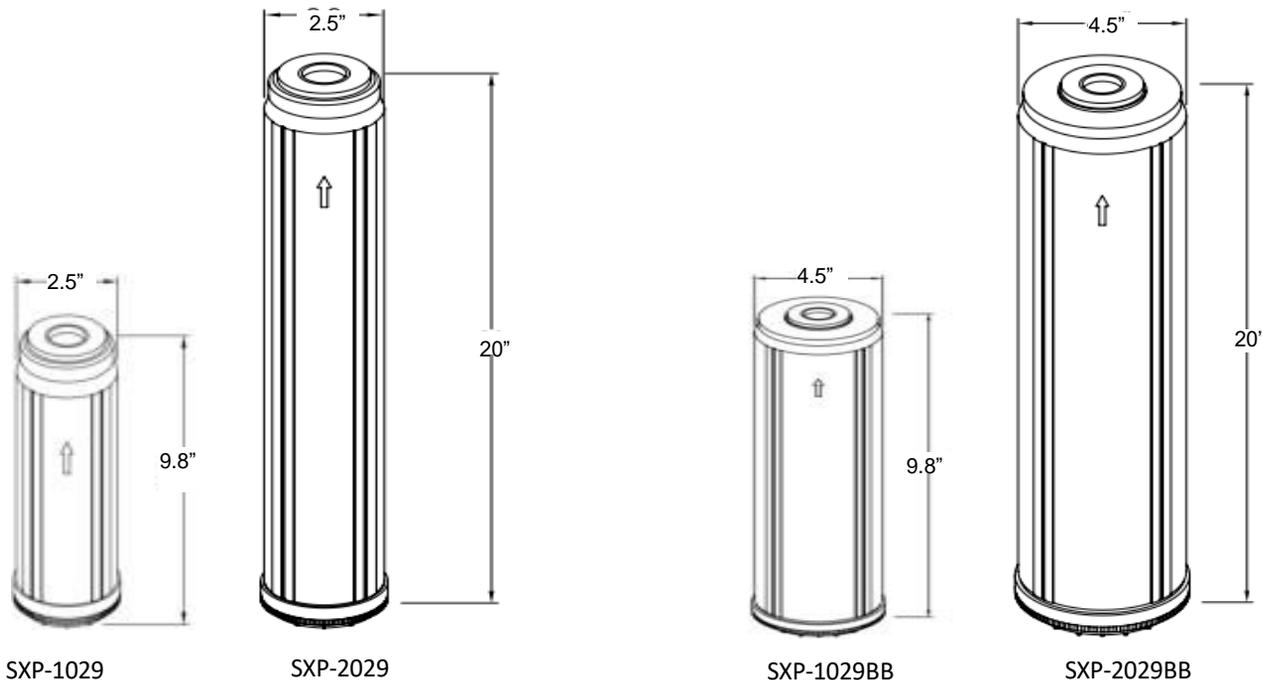
Installation of a sediment filter is recommended in front on the filter. 0.5-micron sediment filter for ice machines and espresso equipment. 1 – 5-micron sediment filter (based on water quality) for other kitchen equipment

Filter should be preceded by a carbon filter to protect it from Chlorine or Chloramines.

When flow becomes too slow or restricted, first try replacing sediment filter. Then check for Chlorine. If traces found, change carbon filter. If slow flow continues, change filter cartridge

Performance

Item #	Item Description	GPM	Gallons
SXP-1029	10" slim line Heavy Metal reduction refill	.50	2,500
SXP-2029	20" slim line Heavy Metal Reduction refill	1.0	5,000
SXP-1029BB	10" big blue Heavy Metal Reduction refill	1.50	7,500
SXP-2029BB	20" big blue Heavy Metal Reduction refill	2.0	10,000



Inserts fit most standard 10" and 20" slim line and big blue housings

Specifications

Minimum Operating Temperature:	40° F / 4° C
Maximum Inlet Temperature:	100° F / 99.8° C
Minimum Operating Pressure:	20 psig / 1.38 bar
Maximum Operating Pressure:	80 psid / 5.52 bar

This product is for commercial use only and must be installed and maintained according to manufacturer's guidelines.
Do not use on water that is microbiologically unsafe or of unknown his quality without adequate disinfection before or after the system

Limited Liability

Replacement filter cartridges are warranted for defects in material and workmanship only. Service life of replacement filter cartridges varies significantly with local water conditions and volume and thus cannot be warranted. Furthermore, if used with a membrane, separation of membranes are equally susceptible to feedwater conditions (e.g. presence of iron, alum and silica) and shall be warranted only for defects in construction. Failure due to fouling, hydrolysis, oxidation or other damage caused by the local water conditions is not covered under warranty.

Shipping details

Item #	Item Description	Case count	Weight (lbs.)	Length (inches)	Width (inches)	Height (inches)
SXP-1028	10" Slim line Heavy Metal Reduction refill	20	32	10	12	22
SXP-1028BB	10" Big blue Heavy Metal Reduction refill	6	32	10	12	22
SXP-2028	20" Slim line Heavy Metal Reduction refill	9	32	10	12	22
SXP-2028BB	20" Big blue Heavy Metal Reduction refill	6	32	10	12	22



The filter cartridge is tested and certified by WQA against NSF/ANSI Standard 42 for material safety requirements only.



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WARNING:
Cancer and Reproductive Harm - www.P65Warnings.ca.gov.