

First Nations Chlorinators



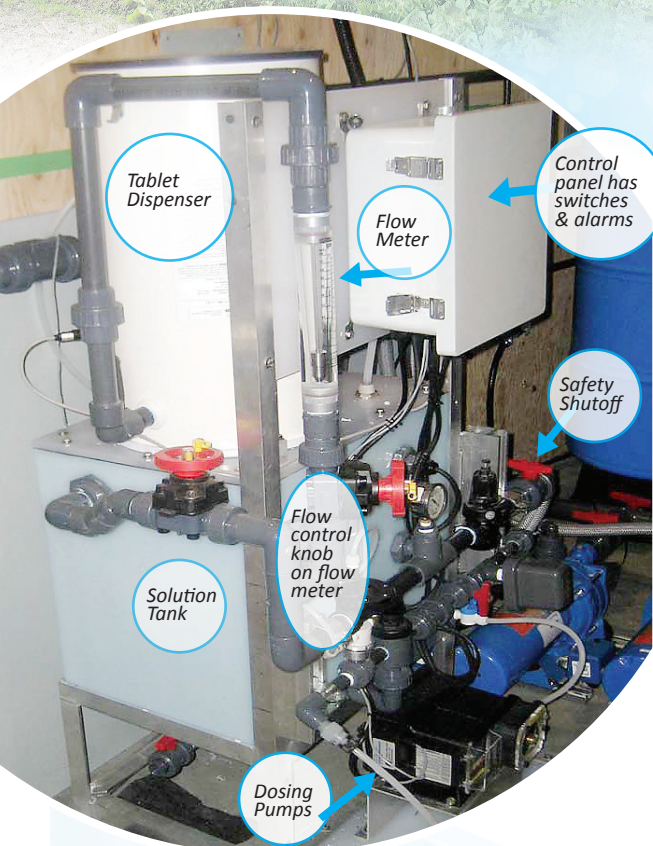
Many First Nations communities have found BI Pure Water's chlorination systems cost-efficient and easier to use. BI Pure Water also provides service and training for remote treatment plants.

BI Pure's tablet-feed system uses 3-inch Calcium Hypochlorite tablets instead of liquid bleach or gas. The tablets are eroded by a stream of water to generate the chlorinated liquid solution. The solution is stored in a tank until injected into the drinking water by a metering pump. Precise chlorine delivery is controlled by the rate of water flow.

Operators prefer this system over gas or bleach (Sodium Hypochlorite), as it is very safe and simple to use. There are no spill or leak concerns and less personal protective equipment is required when handling tablets. There are no moving parts in the tablet feeder and no small openings that can clog, which makes maintenance minimal. Erosion technology helps prevent scale formations—often reducing maintenance needs to an annual cleaning. The PVC feeder is very durable and comes with a lifetime warranty. The up-front cost of the tablet feeder is also relatively low.

Tablets have a long shelf life (about a year) compared to Bleach/Sodium Hypochlorite which can lose half its Chlorine within two months in warm weather. While Sodium Hypochlorite is 90% water, the Accu-Tabs are dry, have lower shipping costs, and can be purchased in bulk. Chemical is concentrated allowing for smaller, stackable pails.

System options include flow pacing, residual control, compound loop capabilities, weigh scale, low-tablet alarm and more. Other options available ensure that the system can be incorporated into every facility.



Gilford Island Water Treatment Plant with BIPW Chlorinator

Chlorination Systems approved by INAC at:
Liard First Nation, YK
Little Sask First Nation Bighorn, AB
Saik'uz, Laketown, BC
Gilford Island, BC
Binche, BC
Pemberton, BC (4)
Middle River, BC
Skidegate, BC
Nanoose Bay, BC
Tipella, BC

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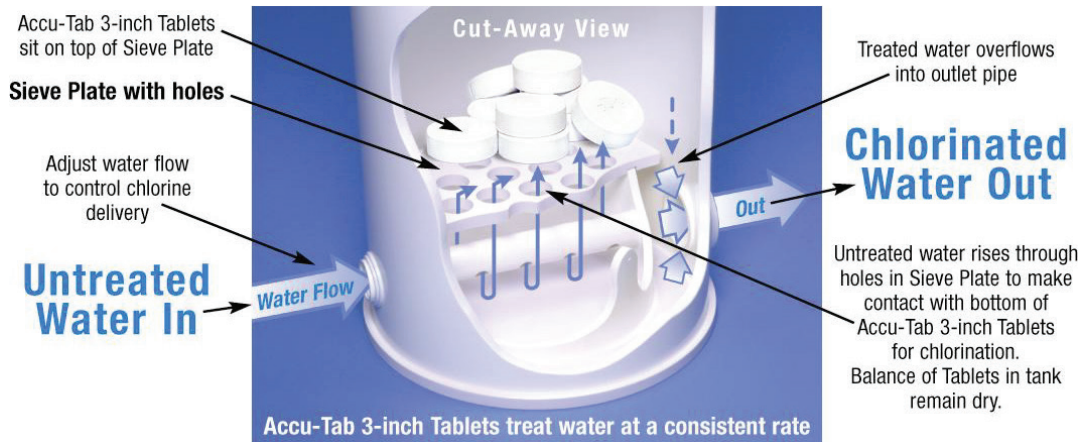


Accu-Tab tablets are available for Potable / Industrial Water Treatment (white) and Commercial Swimming Pools (blue) in 25 kg containers.



Model	Delivery Range	Unit Dimensions (WxLxH)	Flows
BIPW3012	Up to 0.26 kg/hr (0.6 lb/hr)	24" x 41" x 50"	80 - 100 L/min
BIPW3075	Up to 1.1 kg/hr (2.5 lb/hr)	24" x 41" x 50"	80 - 1000 L/min
BIPW3150	Up to 5.7 kg/hr (12.5 lb/hr)	24" x 62" x 52"	1000-8000 L/min

Chlorinators are NSF Standard 61



Service Plans

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sales@bipurewater.com

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