



The all natural and 100% environmental safe Hydro One VIT-C Shower Filter that neutralizes and remove chlorine & chloramines from your shower water that's also completely safe for your entire family!

Not only do our shower filters provide greater than 99% chlorine removal properties through the Bio-Beads, but it is also coated and added with the great amount of Vitamin C to your shower water. With the Hydro One VIT-C Shower Filter, you get the best of both worlds. Perfect chlorine removal plus the benefits that come from being exposed to the most powerful antioxidants - Vitamin C!



Hydro One VIT-C Shower Filter



Why Vitamin C?

Besides it is natural, least toxic among Chlorine Removal agents, offers great Chlorine removal properties, Vitamin C is also well known in Sun Protection and Skincare.

Topical Vitamin C protects skin against harm caused by exposure to sunlight. Vitamin C is what is known as an antioxidant. Antioxidants protect skin by neutralizing free radicals, which would destroy skin through oxidation of body tissues. These free radicals are stimulated by ultraviolet light and also occur naturally in the oxygen atmosphere.

However, Vitamin C is not a sunscreen, so it should not be used in replacement of sunscreen, but rather is a good companion to sunscreen products.

Plus, once vitamin C gets into the skin, it cannot be washed, rubbed, or perspired off.

As we age, collagen production slows down and as a result, the skin begins to show the visible signs of degeneration in the form of lines and wrinkles. Scientific research has shown that applying Vitamin C to the skin helps to stimulate the production of collagen and thus slows down aging process.

Features

- Applying Bio-Beads coated with Vitamin C as De-chlorinating and Anti-Oxidant agent
- 100% environmentally safe and natural
- Totally neutralizes chlorine and chloramines, a cancer-causing substance left in city water from your shower water
- Prevent depilation and itches on the skin and scalp
- Improves condition of skin and texture of hair – moisture skin and prevent hair drops Contains nutrient from Vitamin C which is essential for healthy skin
- Trendy design - attaches easily to any shower fixture without lowering the height
- Easy to monitor – check the remained Vitamin C Bio-Beads in the filter cartridge through the shower head’s transparent handle
- Easy to maintain – no hassle in replacing the filter cartridge, just a twist-&-pull at the shower head
- Replaceable cartridge filter life of up to 20,000 – 25,000 liters
- No pressure drop compare to granular/ powder form de-chlorination agent
- Affordable and low in maintenance cost

Hydro One VIT-C Shower Filter Specifications	
Type	Shower Head type with filter cartridge at handle
Filtration media	Vitamin C Bio-Beads
Function	Chlorine removal & emission of Anti -Oxidant
Life span	20,000 ~ 25,000 liter (equivalent to 4~6 months)
Dimension	Width 72 mm x Length 236 mm x Thickness 53.5 mm
Weight	250 g

How it Works?

The chemical mechanism for Vitamin C to remove residual Chlorine in tap water:



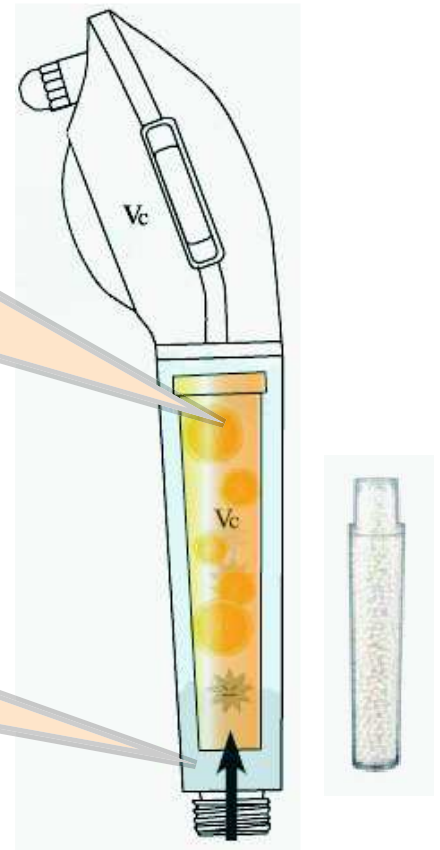
(Chemical formula of reaction between Vitamin C & Chlorine)

HCl, Hydrochloric Acid is stable in water and lower the pH, which is more suitable for body washing chores.

Chlorine acts on water is separated into Hypochlorous Acid (HOCl), a Hydrogen ion and a Chlorine ion. At this instant, Hypochlorous Acid will act as sterilizing agent.



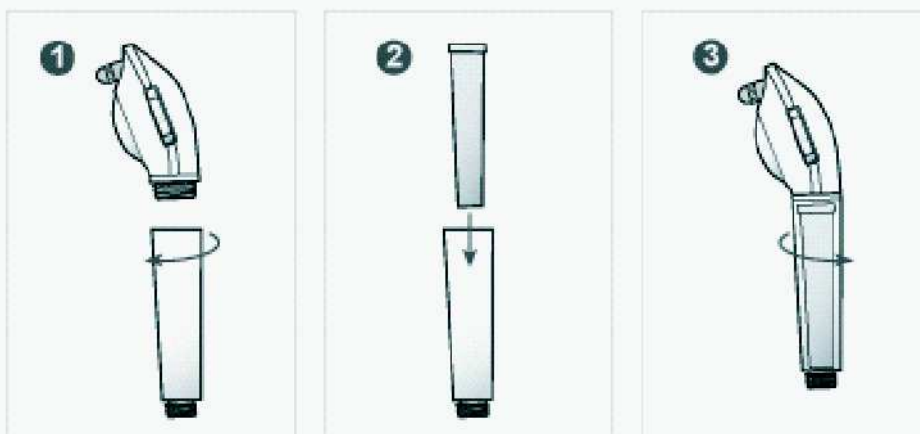
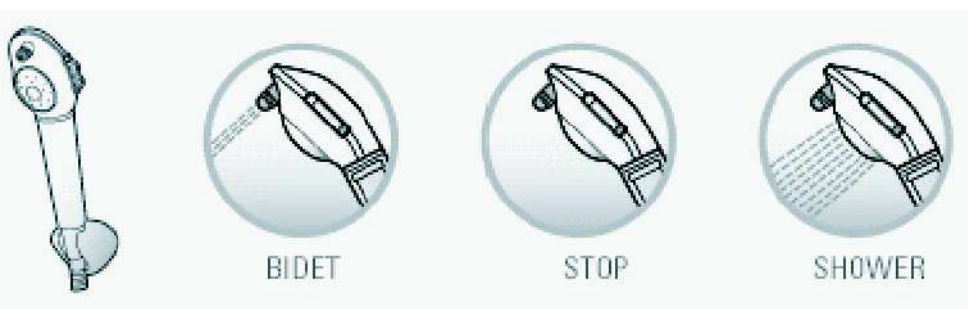
(Chemical formula of Chlorine in tap water)



User Friendly & Trendy Design

The shower head of Hydro One VIT-C Shower Filter is designed to have 3 difference spray modes:

The Vitamin C Bio-Beads will slowly vanish within the cartridge when shower water runs through it. However, monitor through the transparent casing within the handle to determine when it is used up. Replacing the Bio-Beads Vitamin C filter cartridge is easy and no hassle at all. Simply twist-&-pull the shower head out, the cartridge is ready to be replaced.



Comparison

Filter Types	Purifier	Softener	General Showerhead	Hydro One VIT-C Shower Filter
Basic function	Removal gem, contaminated water	Softening(change the soft water)	Only shower	Chlorine removal Anti-Oxidant Skin moisture
Chlorine removal	O	X	X	O
Efficiency in hot water	Bad	Not bad	Good	Excellent
Water pressure	Drop	Drop	No change	No change

Filter Types	Carbon	Calcium Sulfate (CaSo3)	KDF	Hydro One VIT-C
Basic function	Chlorine removal	Chlorine removal	Chlorine removal	Chlorine removal Anti-Oxidant
Removal (%)	Appx. 50%	Appx. 50%	Appx. 80%	Appx. 90%
Method of removal	Absorption	Absorption	Oxidation	Oxidation
Reaction rate	Slow	Slow	Fast	Instant
Efficiency in hot water	Bad	Not bad	Good	Excellent
Ph	-	-	-	Weak acid (HCl)
Water pressure	Drop	Drop	Drop	No change

Frequently Asked Questions

Q: Has Vitamin-C ever been used in de-chlorination?

Yes. Vitamin C de-chlorination has a lengthy history. It has been used in wastewater treatment and EPA & APHA methods for the de-chlorination of lab samples. In the medical industry, it is the standard for critical applications such as dialysis, where the introduction of chlorinated water or toxic chemical would be catastrophic.

Q: What is the advantage of Vitamin-C?

Vitamin-C is the safest and least toxic of de-chlorination media. It not only fully neutralizes both chlorine and chloramines but also provide additional Anti-Oxidant and nutrients for skin and hair.

Q: Is there any scientific evidence that Vitamin can be used in de-chlorination?

Yes. U.S. Environmental Protection Agency (US EPA), National Risk Management Research Laboratory demonstrated that Vitamin is safe and fast de-chlorination agents.

Q: How does Vitamin-C shower filter work in removing chlorine and chloramines from water?

Vitamin-C utilizes ascorbic acid chemistry for de-chlorination. Vitamin does not hold the chlorine it neutralizes chlorine from an element into a harmless compound.

Q: Does the performance of VIT-C shower dependent on temperature or pressure of water?

No. The VIT-C shower filter works for any water temperature (hot or cold), any water pressure (high or low) and any quality of water as long as the ordinary shower head works.

Q: Is the VIT-C Shower Filter easy to install?

Yes, simply screw the filter inlet onto your existing shower arm/ hose. Piping connection is universal.

Q: Is the VIT-C Shower Filter cartridge easy to replace?

Yes, simply twist-&-pull to unlock the shower head, replace the cartridge and lock it back.

Q: What is the Vitamin-C shower filtering media?

100% natural & environmental safe Vitamin-C Bio-Beads.

Q: How long will the VIT-C Shower Filter last and how many liters of water will it filter?

The life time of the VIT-C Shower Filter is about 4-6 months or 20,000-25,000 liters of water and dependent on the quality of the water.

Q: Do I have to back flush the VIT-C Shower Filter?

Absolutely no.

Q: Does VIT-C Shower Filter require maintenance?

No. VIT-C does not need any periodical maintenance.

Q: How do I know when I should change the replaceable cartridge?

The VIT-C Shower Filter cartridge casing is transparent and the Vitamin Bio-Beads is visible. Vitamin C Bio-Beads are dissolved in water and vanish slowly during usage.