Waterco GAC-Plus: Ultimate Filter Media for Pond Water Dechlorination

Mr Mah, owner of Yamakoshi Nishikigoi Centre Sdn. Bhd., alongside a Waterco W400 filter with GAC-Plus.

As the leading Koi fish supplier in Malaysia, breeding and supplying healthy Koi fish to customers are always the top priority of Yamakoshi Nishikigoi Centre Sdn. Bhd. ("Yamakoshi"). Concerning this, one of the measures taken is to ensure proper dechlorination of the water supply to the Koi ponds, as chlorine is detrimental to Koi fish.

Chlorine in water – necessary for sanitation but harmful to fish

To ensure the water is safe for human consumption, chlorine is added to the public water supply to

> " *Waterco W400 filtration system with GAC-Plus as filter media is highly effective in water dechlorination. It is noticeably better than regular filters in terms of functionality, requires less maintenance due to its long carbon lifespan and has an easy backwashing procedure. Overall, our pond water quality has improved, and our fish has become healthier after using the Waterco W400 filter with GAC-Plus.* "
>
> *Mr Mah*
> *Yamakoshi Nishikigoi Centre Sdn. Bhd.*
> *Leading Koi fish supplier in Malaysia*

Waterco W400 filter

Waterco technician filling GAC-Plus into a W400 filter.

disinfect and eliminate harmful microorganisms. However, if chlorinated tap water is used as pond water for Koi fish, or any fish for that matter, it will negatively affect the fish. Chlorine will cause inflammation in fish gills, and prolonged exposure to chlorine might cause disease, or even death, to the fish. Therefore, proper dechlorination becomes a necessity before using the water as Koi pond water.

Waterco W400 filter with GAC-Plus for complete dechlorination

Before using the Waterco filtration system, Yamakoshi used regular filters to dechlorinate the incoming water supply for its ponds; the outcome, however, was less than satisfactory. The shortcomings of regular filters compelled Yamakoshi to seek better alternatives for water dechlorination, leading to the collaboration between Yamakoshi and Waterco.

To address Yamakoshi's predicament, Waterco proposed the W400 filter with GAC-Plus (as filter media) as the solution, and two units of the filter were installed at Yamakoshi's site. As anticipated, the newly installed filters managed to remove chlorine from the incoming water supply completely and consistently. Moreover, the filters also improved the water quality by eliminating organic and non-polar contaminants in the water.

In general, Yamakoshi is extremely satisfied with the results. "Waterco W400 filtration system with GAC-Plus as filter media is highly effective in water dechlorination. It is noticeably better than regular filters in terms of functionality, requires less maintenance due to its long carbon lifespan and has an easy backwashing procedure. Overall, our pond water quality has improved, and our fish has become healthier after using the Waterco W400 filtration system with GAC-Plus", says Mr Mah from Yamakoshi.

About GAC-Plus

GAC-Plus filter media are made of granular activated carbon. They are versatile adsorbents with excellent adsorption capacity to remove chlorine, taste, odour, and organic and non-polar contaminants from water. Besides, these filter media have a long lifespan, which reduces cost and puts forward superior performance even after multiple carbon reactivations. The quality and performance of GAC-Plus are approved and certified by various international standards, including EN12915, NSF 61 Standard, AWWA B604, JAKIM Halal, Kosher and Food Chemicals Codex.

GAC-Plus active carbon

Main benefits of GAC-Plus:

- Produce potable water that is safe for human consumption
- Produce water with properties suitable for aquaculture and swimming pool

GAC-Plus is suitable for:

- Residential filtration for drinking water
- Aquaculture filtration
- Swimming pool filtration

Waterco Far East Sdn Bhd
Lot 832, Jalan Kusta
Kawasan Perindustrian SB Jaya
47000 Sungai Buloh
Selangor Darul Ehsan, Malaysia
Telephone: +60 3 6145 6000

Waterco in f ⓘ