



AQUATRUST® WITH AGION™ Delivers Ultimate Filter Performance

Challenge

Consumers seeking safe and healthy drinking water are increasingly turning to filtration products to enhance the taste and cleanliness of tap and well water. Filter technology makes water cleaner, safer and more flavorful, especially where incoming water quality is an issue. Although filters are engineered to remove potential pollutants, contaminants and microorganisms, their construction – small pockets and crevices that trap nutrients – can actually make them perfect places for microbe growth. This can mean reduced flow due to bioslime, raised microbe counts in the water, or unpleasant taste and odor.

Technology

Patrick Yarns has combined the power of Agion's™ ionic silver with an innovative controlled release mechanism, to introduce AquaTrust® with AgION™, a breakthrough in antimicrobial technology for water filtration.

Silver has been used for centuries to prevent microbe growth in water. Today, silver is also used as an antimicrobial in hospitals and nurseries. Why? Because it is *safe and effective*. AquaTrust® with Agion™ antimicrobials use ion exchange to “manage” the silver release, giving optimum efficacy and longevity. Agion™ is EPA-registered, FDA-listed and NSF-certified for food and water uses and won't wash off or wear away during use.

Results

AquaTrust® water filters and media incorporating the AgION™ technology have been field proven and offer many enhanced benefits. Compared with traditional silverized granulated activated carbon filters, the controlled release technology of AgION™ gives dramatic stabilization of silver levels. By controlling surges, controlled release also extends the longevity of protection. This means AquaTrust® with AgION™ continues to prevent biofilm buildup much longer than conventional antimicrobial treatments.

Microbe growth on the filter medium can create problems for consumers. In the dark, warm and nutrient-rich filter medium, microbes can form biofilms, which cause premature filter plugging, reduced flow, poor contaminant absorption and even taste problems. Accumulated studies of carbon filters incorporating the AquaTrust® technology show a dramatic drop in bacteria growth ranging from 90% to 99.9%, depending on water conditions. Lower microbe growth means better filter performance and higher customer satisfaction.

Benefits

Providing clean, safe drinking water is one of the world's most pressing issues, and the number one issue in the water filtration marketplace. AquaTrust® with AgION™ built-in controlled protection offer water filter suppliers an essential advantage in the race to provide consumers with good tasting, hygienic water.

AgION™ treatment can provide key benefits including:

- **REDUCED BIOSLIME GROWTH**
- **IMPROVED FLOW**
- **LONGER FILTER LIFE**
- **IMPROVED TASTE, ODOR, AND APPEARANCE**



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