

New York City Prefilter

A recommendation from Aquatic Life



Based on information presented in the most recent Water Quality Report, we suggest using an additional prefilter for RO and RO/DI systems that use the NYC area water supply.

The report states that the water company is not required to filter the sediment in the water, they only treat it. Depending on the conditions of the water supply, the sediment levels can be high and clog sediment filters in RO units very quickly. We see this problem mostly in late winter and late spring.

The following is an excerpt from the 2019 New York City Drinking Water Supply & Quality Report:

TREATING OUR DRINKING WATER Catskill/Delaware Supply

Due to the very high quality of our Catskill/Delaware supply, New York City is one of only five large cities in the country with a surface drinking water supply that does not utilize filtration as a form of treatment. The Catskill/Delaware supply operates under a filtration waiver, referred to as the "Filtration Avoidance Determination" (FAD). The water from this supply is treated using two forms of disinfection to reduce microbial risk.



Examples of sediment filters in RO systems doing their job but are consumed quickly from the sediment in the NYC water supply.

With the added level of sediment not seen in other areas of the country, we have found that an approach using a staged sediment filter works best to prevent the RO system cartridges from clogging quickly.



Click or Scan to purchase 10" Clear Canister w/Tubing

10" Clear Canister



The cartridge size for this canister is an industry standard 10" x 2.5" size. We suggest a 20 micron sediment cartridge be used prior to allowing the water to enter the RO or RO/DI unit. This will trap larger sediment in the water and prolong the life of the 5 micron sediment filter that is part of the RO or RO/DI unit.

Click or Scan to purchase 10" replacement filters

Sediment
Replacement Filters



The sediment prefilter can be easily plumbed into your existing or new RO or RO/DI filtration system.

See next page for standard plumbing diagrams using a sediment prefilter.

RO/DI Installations using a Prefilter

