

Triple Clear Force Field™ Filters

Legionella Removal Capability

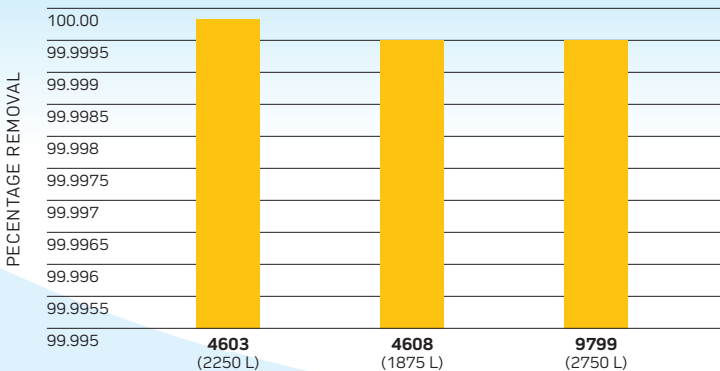
The electroabsorbitive properties of Force Field™ Filters allow it to remove a variety of contaminants from water including biological contaminants like Legionella pneumophila. Legionella pneumophila is a pathogenic bacterium commonly present in many residential, commercial and industrial systems such as cooling towers and hot water systems. It is transmitted as an aerosol and when aspirated by people having compromised immune systems can cause Legionnaires' disease, a respiratory infection that causes pneumonia. Transmission of the Legionella pneumophila bacterium can be of great concern in hospitals and nursing homes where patients are more susceptible to infections.

Applications

Force Field™ Filters can be used as Point of Entry (POE) filters to reduce the amount of Legionella pneumophila entering a building. Point of Use (POU) filters can be designed and certified for use on showers or other water outlets. Such filters would be of particular interest in locations with immunocompromised people such as hospitals and nursing homes. Legionella outbreaks are also associated with cooling towers, car washes, and public fountains. Force Field™ Filters that remove Legionella pneumophila can be used in conjunction with other sanitization treatments to inhibit growth of the bacterium in all such water systems.

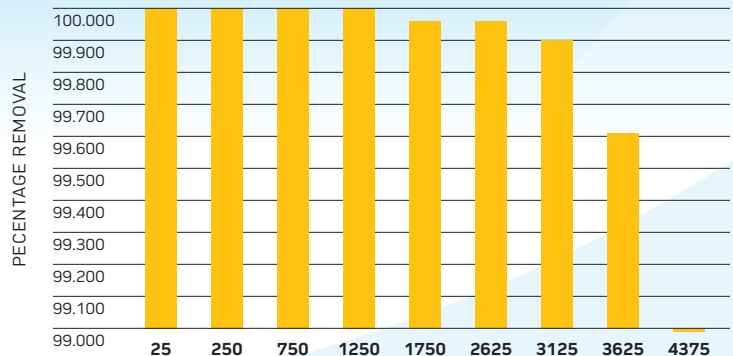


Percent Removal of Legionella at Filter Capacity



Force Field™ Grade (tested in double layers)

Average Legionella Removal & Capacity for Media with PreFilter



Volume, Liters