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Novel Automatic Self-Cleaning Microfiber (AMF) Filter Technology

In this presentation, I will describe and illustrate the technology behind Amiad's new automatic microfiber (AMF) filtration system. Offering filtration degrees from 10 microns down to 2 microns and a highly efficient automatic self-cleaning phase, the automatic self-cleaning thread filter reduces the environmental footprint of filtration systems by minimizing chemical addition, dramatically reducing flush water, and replacing consumables with a self-cleaning cartridge.

The AMF system is playing a key role in multi-staged filtration systems where small particulates and even Cryptosporidium are a challenge. I will discuss an array of application case studies for the technology including the beverage industry, wastewater re-use, filtration of brine injection water and pre-RO filtration.