

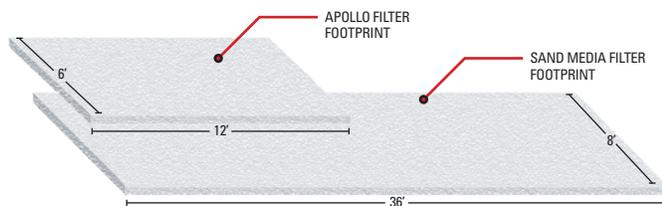
DECEMBER 2015

This month's edition of Netafim TechTALK discusses some of the benefits of a Netafim Apollo Disc-Kleen Filter over traditional Sand Media Filters. While both Disc-Kleen and Sand Media Filters provide quality depth filtration, to ensure maximum protection of an irrigation system, Apollo Disc-Kleen filters have some important benefits over Sand Media filters.

- Assembly** - Apollo filters arrive preassembled with backflush valves, manifolds, command filters and your choice of solenoid (24VAC, 12VDC or 12VDC latching). In addition to being preassembled, the Apollo filter is shipped with its filtration discs preinstalled. The only installation requirement is to connect the inlet, outlet and backflush manifolds and to connect the solenoids to a backflush controller. With appropriate lifting equipment, a single person could have an Apollo filter installed in less than half a day. Sand Media Filters require extensive assembly of tanks, valves, manifolds and the addition of 1,300 lbs. of media to each tank.



- Footprint / Portability** - The Apollo filter has a 60% smaller footprint and is significantly lighter than a comparable Sand Media filter. That means less concrete for permanent systems and smaller trailers for portable systems.



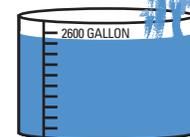
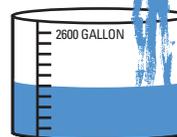
- Efficiency** - An Apollo backflush only takes 20 seconds per filter, compared to 90 seconds with Sand Media. This leads to significant water savings and reduced water to dispose of or reuse. Even if the Apollo filter had to flush 3 times as often as the Sand Media filter, it would only dispose of 1,140 gallons as opposed to the Sand Media filter's 1,995 gallons.



APOLLO FILTER



SAND MEDIA FILTER



BACKFLUSH VOLUME FOR A 1,750 GPM FILTER SYSTEM

PARAMETER	APOLLO 6 UNITS	SAND MEDIA 48" 7 TANKS
BACKFLUSH FLOW	190 GPM	190 GPM
BACKFLUSH TIME	20 SEC.	90 SEC.
BACKFLUSH VOLUME	380 GAL.	1,995 GAL.

- Longevity** - The Apollo Filter is made from high density synthetic materials that are not damaged by chemical injection or organic materials in the water. Unlike steel Sand Media Filters, the Apollo will not corrode or develop pinhole leaks over time at seams and weld spots.

Ask your Netafim representative for more information or visit our website at www.netafimusa.com. If you have a suggestion for a future topic, we'd love to hear from you. Please e-mail your idea to netafim.usa@netafim.com. We've enjoyed the opportunity to share TechTALK with you and wish you a happy and successful new year.