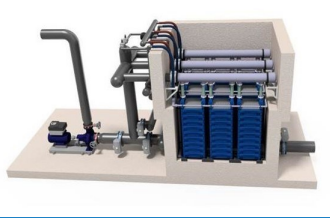


Cerafiltec's Active Ultrafiltration: Complete Removal of Hormones, Dissolved Contaminants & Suspended Solids

Cerafiltec uses Active Ultrafiltration as an additional barrier in their ceramic ultrafiltration membrane technology. It allows for pre-coating of the flat-sheet membrane surface with powdered adsorbents that remove a wide range of dissolved contaminants, in addition to complete removal of suspended solids. Powdered activated carbon, ion exchange resin, or most any powdered adsorbent can be used.



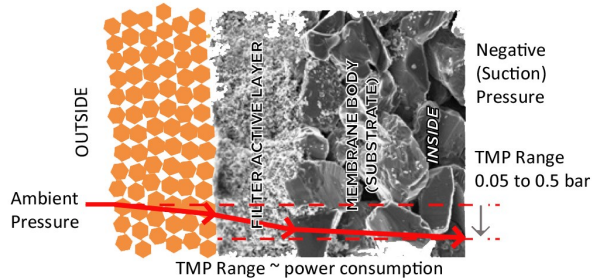
Cerafiltec can be simply retrofitted into almost any tank. Up to 22 gal/min per square foot of tank area.



This 7' x 16' tank can treat up to 1 MGD!



This is a 15 MGD Cerafiltec retrofit installation of a polymeric membrane treatment system.



- ✓ **Greatest Adsorption Capability:** By using PAC, the adsorptive surface area in this system is >20 times that of GAC.
- ✓ **Broadest Capability:** Can be used as the entire water plant or a polishing step to remove specific contaminants.
- ✓ **Very Simple and Inexpensive to Operate:** Typically 3 to 6 times lower O&M costs than equivalent adsorptive technologies.
- ✓ **Very Small Footprint:** This comprehensive treatment system is more compact than almost all other solutions of similar treatment capability.
- ✓ **It's Proven:** Cerafiltec has approximately 55 installations in 27 countries.

Special Features

- Cerafiltec's system can remove PFAS/PFOA compounds, taste and odor, TOC, pharmaceuticals, Radium, Uranium, Arsenic and hormones
- Net water production is >99% in most applications
- Operates at a very high flux rate
- Self cleaning cycle ~ every 12 hours
- Uses open-source ultrafiltration membranes

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