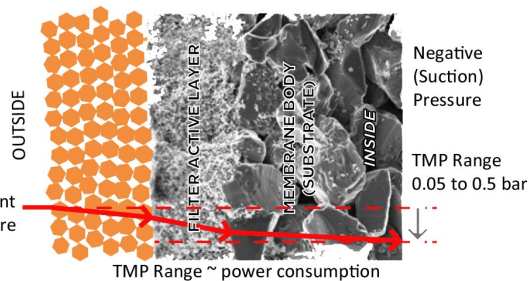


## Cerafiltec's Active Ultrafiltration: Complete Removal of Hormones, Dissolved Contaminants & Suspended Solids

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!*

- ✓ **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



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

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