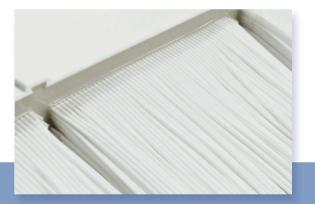


## **SUPRATEC Hollow Fibre MBR**





## Advantages of Supratec Hollow Fiber MBR:

- True PVDF UF membranes with a nominal uniform pore size of 0.03 μm, with an expected 6-log bacteria removal of 99.9999% and expected 4-log virus removal of 99.99 %.
- 2. High clean water permeability, > 2,000 LMH/bar
- 3. Proprietary siphon aerator scouring providing efficient air souring. Specific aeration demand, ranging from 0.06 to 0.1 Nm<sup>3</sup>/m<sup>2</sup>.h, is the lowest among all other HF competitors.
- 4. Modular and flexible design with easily expandable and scalable configuration.
- 5. High packing density resulted in small MBR tank (saving in civil tankage cost).
- 6. Backflushable, up to +10.0 m water head.
- 7. Outstanding chlorine total lifetime exposure (1,000,000 ppm.h).





## **Global MBR References**

(Partial list shown)



Municipal MBR in Guangdong, China Capacity, 30,000 m³/d



Municipal MBR in Guangdong, China Capacity, 50,000 m³/d



Guangdong Chaoyang Textile Wastewater Capacity, 75,000 m<sup>3</sup>/d



Guangdong Chaoyang Textile Wastewater Capacity, 75,000 m³/d



Huizhou Municipal MBR, China Capacity, 100,000 m<sup>3</sup>/d



Shizuan Municipal MBR, China Capacity, 80,000 m<sup>3</sup>/d