



SUPRATEC Hollow Fibre MBR



Advantages of Supratec Hollow Fiber MBR:

1. True PVDF UF membranes with a nominal uniform pore size of $0.03 \mu\text{m}$, with an expected 6-log bacteria removal of 99.9999% and expected 4-log virus removal of 99.99 %.
2. High clean water permeability, $> 2,000 \text{ LMH/bar}$
3. Proprietary siphon aerator scouring providing efficient air scouring. Specific aeration demand, ranging from 0.06 to $0.1 \text{ Nm}^3/\text{m}^2.\text{h}$, 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 $+10.0 \text{ m}$ water head.
7. Outstanding chlorine total lifetime exposure ($1,000,000 \text{ ppm.h}$).

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 m³/d



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



Huizhou Municipal MBR, China
Capacity, 100,000 m³/d



Shizuan Municipal MBR, China
Capacity, 80,000 m³/d