

TOTAL SOLUTION PROVIDER FOR WATER AND WASTEWATER TREATMENT

Ultra-Flo

Ultrafiltration Hollow Fiber



Ultrafiltration Membrane Module



- ❖ **PRE-TREATMENT**
- ❖ **UPGRADING**
- ❖ **RECYCLING**
- ❖ **DISPOSAL**



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CORPORATE HEADQUARTERS



Address : 2 Tuas Avenue 10 Singapore 639126

Built-in areas : 66,000 sq ft



2007 Frost & Sullivan Industrial Technologies Awards

Frost & Sullivan Industry Innovation and Advancement Award

Ultra-Flo Pte Ltd

“Over the last century, activated sludge process has been employed as a biological treatment for industrial wastewater treatment and reuse purposes. However in recent years, membrane bioreactor (MBR) has emerged as an economical alternative for treatment of wastewater. Ultra-Flo Pte Ltd has been a pioneer of this treatment process in Singapore and Hong Kong. The company focuses on sustained & dedicated efforts in the research of new materials, improving manufacturing processes, and augmenting process capabilities. These practices not only set benchmarks for excellence in the industry but also outperforming competition in the entire region.” – says Sapan Agarwal, Practice Head, Environmental Consulting Practice, Frost & Sullivan.



Frost & Sullivan, a global company, has been partnering with clients to support the development of innovative strategies for more than 40 years. The company's industry expertise integrates growth consulting, growth partnership services, and corporate management training to identify and develop opportunities. Frost & Sullivan serves an extensive clientele that includes Global 1000 companies, emerging companies, and the investment community by providing comprehensive industry coverage that reflects a unique global perspective and combines ongoing analysis of markets, technologies, econometrics, and demographics. For more information, visit <http://www.awards.frost.com>



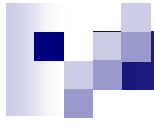
Water & Wastewater Treatment Business

- **Supplier of world class proprietary membrane and systems for:**
 - ❖ Water clarification
 - ❖ Water upgrading
 - ❖ Water treatment to comply with disposal regulations
 - ❖ Water treatment for recycling
- **Provision of DBOO (Design, Build, Own and Operate) services**
- **Focus on providing solutions for various industries:**
 - ❖ Silicon wafer, semi-conductor, electronics
 - ❖ Food
 - ❖ Chemical
 - ❖ Petroleum refining
 - ❖ Electroplating
 - ❖ Textile
 - ❖ Paper and pulp
 - ❖ Palm oil
 - ❖ Iron and steel
 - ❖ Hotels and Resorts
 - ❖ Construction
 - ❖ Residential and condominiums



Products and Services

- **We have the expertise and experience in handling various water treatment in various industries.**
- **We are able to design efficient water treatment systems for client requiring upgrading, purifying and recycling of their water for process use, etc.**
- **We are able to modify our membrane specifications by varying the length, diameter, pore size, material and surface area to treat any wastewater problems.**
- **We provide water treatment to meet stringent discharge regulations**
- **Our source of revenues comes from the following:**
 - ❖ **Sale of Membranes and Systems**
 - ❖ **Design, Build, Own and Operate Services**
 - ❖ **Provision of Design Services**



Design, Build, Own & Operate Services

- **We provide DBOO services to enable customers to focus on their core business by providing the following advantages:**
 - **No capital cost and 100% operating cost**
 - **Savings on technical personnel to operate and maintain system**
 - **Only payment for amount of water and wastewater treated**
- **We provide highly trained engineers to maintain a constant supply of process water for our customers.**
- **We upgrade current water treatment systems with advance and efficient membranes.**
- **We ensure continuous innovation of our proprietary filtration membrane technology to meet new industrial requirements.**
- **We are committed to service an ever growing list of local and overseas customers.**



RESEARCH & DEVELOPMENT

- **We continuously innovate and improve our products to meet the dynamic nature of water treatment and new stringent regulatory requirements.**
- **We combine the best available technologies and manufacturing processes to achieve the most cost effective filtration membranes.**
- **We introduce new products to the market after intensive laboratory tests followed by field trials.**
- **We build up a library of applications for our filtration membrane technologies to provide conservation of precious water resource.**
- **We continuously introduce new production processes to further lower the cost resulting in new markets and applications.**



Conclusion

- **Superior technical capability for rapid expanding markets**
- **Innovation products with competitive price/performance**
- **World class and well proven technologies and products catering for global market needs**
- **Strong and supportive relationships with worldwide corporate partners**



Global Partners