



Ceramic Membrane Technology With The Potential To Make A World of Difference

Aqua Nu Filtration Systems Ltd. (Ireland) has selected Aquatech Amsterdam 2011 for the global launch of its patented **Ultra High Flow Rate Ceramic Membrane**. Aqua Nu's evolutionary ceramic technology sets new performance standards for gravity flow rates, pore value and unit cost.

The Aqua-Nu **Ultra High Flow Rate Ceramic Membrane** achieves flow rates, for domestic and industry usage of up to **1.2 litres per minute over 19.6 sq centimetres at 100 millibar** which is up to **700 times faster than the closest rival in the ceramics market**.

The membrane is designed for both business-to-business (**B2B**) and business-to-consumer (**B2C**) **Applications** with far-reaching commercial and humanitarian value and performance in both the home and the local community of the developed and developing worlds.

The Aqua-Nu **Ultra High Flow Rate Ceramic** which has an adjustable flow-rate and pore value is capable of being manufactured to **ANY SIZE**.

This unique point-of-use filtration technology is the result of six years research and development, testing and evaluation by Aqua-Nu scientists into non-chemical based '**Ultra High Flow Rate Ceramic**' and original anti-microbial treatment systems.

In tests conducted with independent laboratories, notably CAL Laboratories and City Analysts (IRL) and South East Water (UK), this unique, efficient, flexible water filtration technology has performed substantially beyond industry standards and leading market competitors.

See test results below:

Cryptosporidium > 99.9999%

Giardia > 99.9999%

Legionella > 99.99%

Also removes by occlusion/pore value:

- Shistosoma causing Shistosomiasis (the second most socioeconomically devastating parasitic disease after malaria).
- Echinococcus Vogeli causes Echinococcosis (a serious disease that not only has a significantly high fatality rate, but also has the potential to become an emerging disease in many countries).
- Dracunculus (Guinea Worm)
- Trypanosoma (Sleeping Sickness)
- Fasciola Hepatica/Liver fluke (Causes liver rot)
- Onchocerca Volvulus (River Blindness)
- Spirochetes (Most well-known of which is Leptospira causes weils disease)
- Threadworm
- Hookworm
- Pinworm (causes enterobiasis in children in developed world)
- Tapeworm
- Roundworm
- Ascaris
- Taenia Solium
- Hymenolepis Nana
- Cyclospora Cayetanensis (Protozoan Cysts)

The Aqua-Nu **Ultra High Flow Rate Ceramic** is capable of being fitted or retrofitted to new and existing systems. Enquiries already received from Waste Water Management Companies, Rain Water Harvesting Companies, Water Aeration and Treatment Companies, Environmental Protection Agencies and Consumer POU Manufacturers. Aqua Nu are now looking to identify additional Licensing and JV partners to further assist with the worldwide adoption and distribution of their technology.

Aqua Nu Filtration Systems Ltd. will be exhibiting at **Stand No. 05.127** at Aquatech Amsterdam trade show from Nov 1st to Nov 4th. All Pre-Show and Stand enquiries welcome.

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