NANOBUBBLE SOLUTIONS USED IN THE AQUACULTURE INDUSTRY

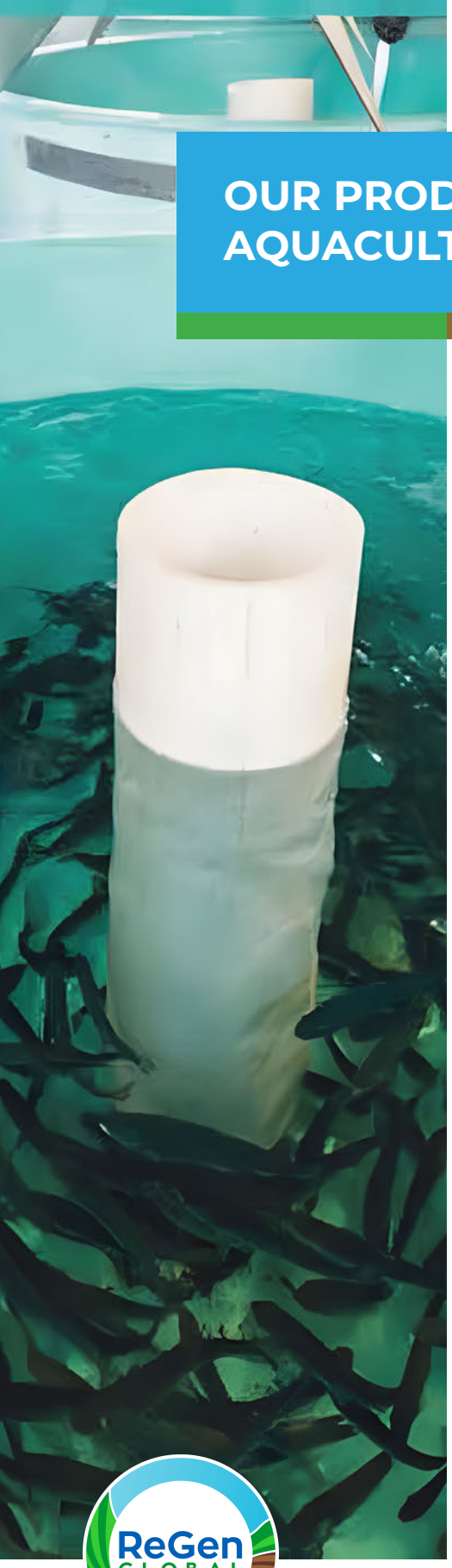
At ReGen Global, we specialise in engineering solutions that utilise the extraordinary potential of controlled hydrodynamic cavitation.

We are proud to offer our revolutionary multi-chamber hydrodynamic cavitation devices for use in the agriculture industry. Our devices have the capability to improve and accelerate the process of gas infusion into soil. By utilising hydrodynamic cavitation, our devices are able to produce nano- sized bubbles that allow for higher gas transfer rates and retention time in liquid.

Adding a ReGen Global infusion device with oxygen to your operation allows for greater absorption of infused gases by fish, which translates to lower mortality rate, higher growth potential and the ability to increase the density of fish per m3 whilst remaining healthy.

With a patented flow-through design and no moving parts, our nanobubble gas infuser is a scalable solution that is easy to install and retrofit into existing systems.

Flexible, Direct Infusion for Various Sized Water Bodies



OUR PRODUCT RANGE USED IN THE AQUACULTURE INDUSTRY

FEATURES

- 100% gas infusion in a single pass at 0.5% of gas to water flow
- Infuse virtually any gas into virtually any liquid
- Infusion Capabilities below 10 nano sized bubbles
- 10 nano produces beyond 1 trillion nanobubbles per ml
- Component integration into existing systems and solutions
- Exceptional product lifespan
- No moving parts
- Flow-through design limiting the potential for blockage

BENEFITS

- Exceptional gas retention time in fluid
- Supersaturation of gases in a single pass
- Higher dissolution rate
- Increased gas absorption rate by organisms
- Reduced mortality rate*
- Increased growth*
- Reduced overhead costs
- Filters water

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*Based on hydrogen and oxygen nanobubble gas infusion figures.