

ROTURI®

THE „NEW NORMAL“ FOR OXYGENATION IN AQUACULTURE

Oxygen in Aquaculture

Good oxygen saturation levels are the key factor in aquaculture. If supplementary oxygenation is applied correctly, it not only allows for economically viable stocking density but also positively affects the overall water quality.

In recirculating aquaculture systems water quality is of the utmost importance as it has a strong impact on health, appetite and stress resistance. Water quality is one of the main key drivers to economic success in this very important industry.

ADDED VALUE OF OXYGENATION

- ✓ Better health of fish -> lower mortality
- ✓ Higher stocking density yet high growth rate
- ✓ Better feed conversion ratio
- ✓ Better overall economics

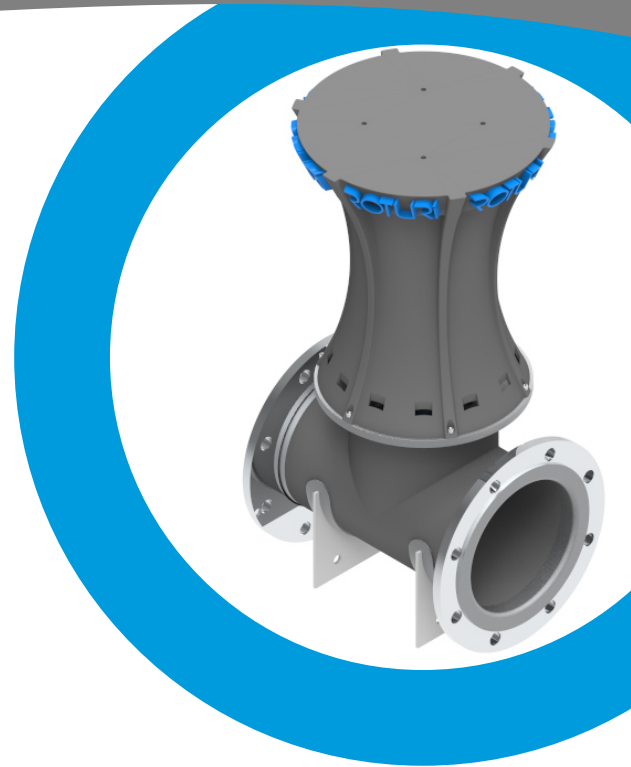
ROTURI® - the better solution

up2e!'s Roturi® is specially designed for instant and efficient oxygen dissolution. It is applicable regardless of the water body, so freshwater as well as salt water aquaculture facilities can benefit from its unique features.

Flow rates and oxygen amounts can easily be adjusted to the changing needs of different fish species and their individual growth phase.

SAVING OXYGEN MEANS REDUCED OPEX!

HIGH QUALITY OR EVEN PREMIUM PRODUCTS RELY ON DEPENDABLE EQUIPMENT WITH HIGH FLEXIBILITY AND HIGH OPERATIONAL AVAILABILITY



ROTURI® - why it is the better solution?

Not only bubble size but also bubble behaviour are both influenced by the pressure conditions of the dissolution process.

Ambient pressure gas-mass-transfer, alongside with fine bubble (micro bubble) generation, allows bubbles to stay in solution longer. The diminished tendency of the bubbles to rise to the surface reduces surface losses and enhances the supplementary oxygenation process.

The Roturi takes oxygenation to another level. It is applied inline in the main stream and can be added as a retrofit component for already existing facilities as well as being part of newly designed and built aquaculture sites.

KEY ADVANTAGES:

- ✓ Inline system (ambient pressure)
- ✓ Negligible pressure drop
- ✓ Easy to operate & control
- ✓ Reliable (high quality)
- ✓ Fixed within 30 minutes
- ✓ Reduces OPEX