

# ROTURI®

## THE „NEW NORMAL“ FOR OZONATION IN AQUACULTURE

### Ozone in Aquaculture

Ozone is a smart and chemical free natural oxidizer, widely used in aquaculture applications. If applied correctly, it achieves not only disinfection but also improves 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 and pathogen control is one of the main key drivers to economic success in this very important industry.

#### ADDED VALUE OF OZONE

- ✓ Pathogen inactivation
- ✓ Improving taste & odour & colour
- ✓ Oxidation of organics incl. nitrates
- ✓ Supplementing existing water treatment

### ROTURI® - the better solution

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

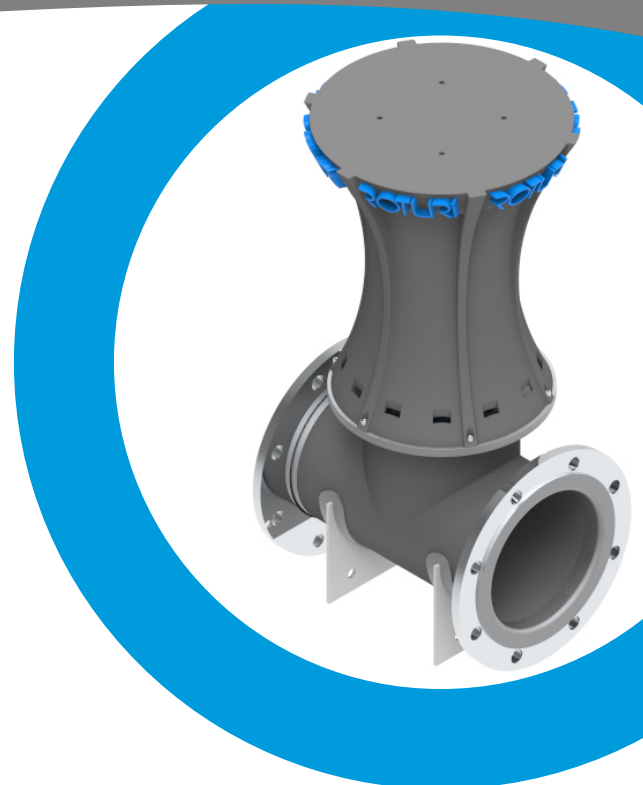
Flow rates and ozone amounts can easily be adjusted to the changing needs of different fish species and their individual growth phase.

#### SAVING OZONE MEANS REDUCED OPEX!

Save 1 kg ozone = save 10,0kW energy

Save 1 kg ozone = save 9,5kg oxygen

Save 1 kg ozone = save 0,5kW cooling energy



### 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 dissolution, 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 further optimizes what ozone already does.

Ozone has proven to help enhancing taste and odor control. This prevents off-flavours, induced by geosmin, responsible for an earthy taste and smell. The Roturi takes this to another level and improves the elimination of those organic bicyclic alcohols even further.

#### KEY ADVANTAGES:

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

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