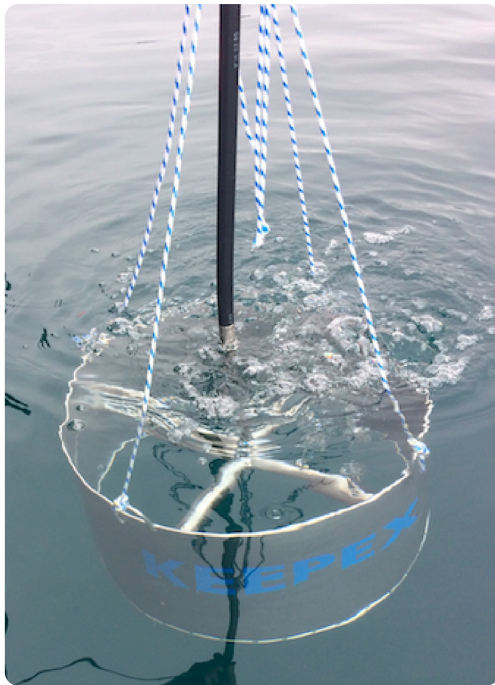


Surge DIFFUSER



The surge diffuser induces the generation of upward currents in the aquatic environment by injecting air bubbles at a depth of approximately 15 meters.



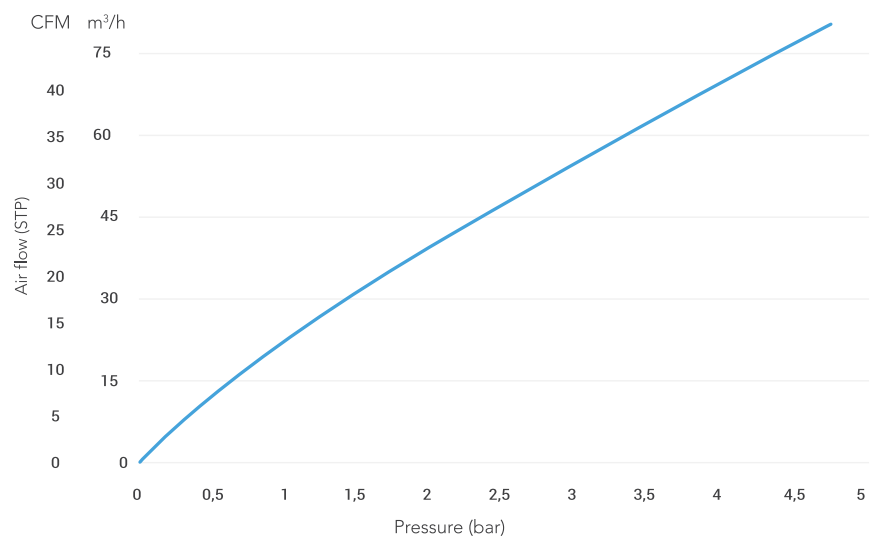
Main applications:

- » Mitigate the effects of Harmful Algal Blooms (HABs)
- » Dilute phytoplankton and zooplankton in the water
- » Improve water quality

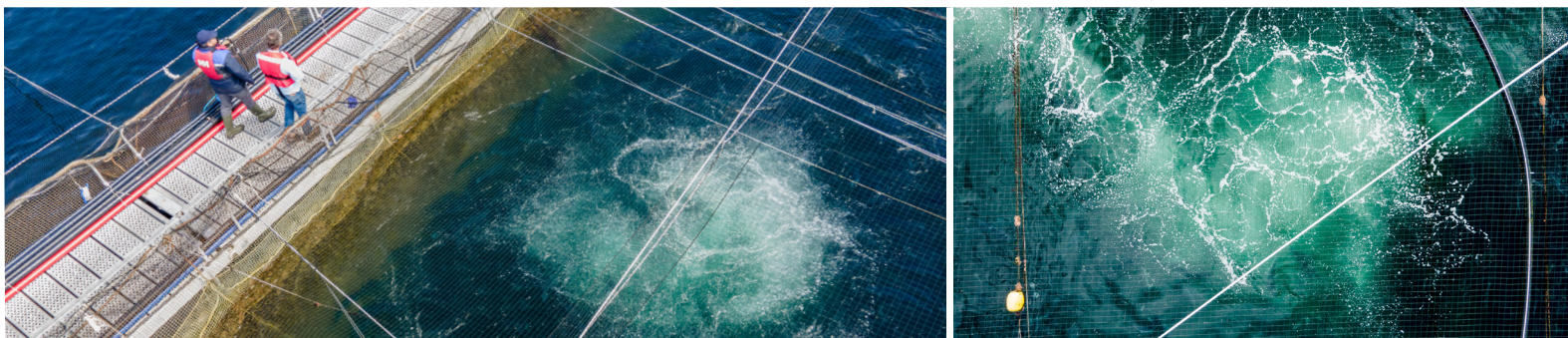
Technical Specifications

Water upwelling	1 m ³ /s
Nominal capacity	60 m ³ /h air (STP)
Surface current velocity	50 cm/s
Weight (without hose or anode)	5 kg
Supply hose	25 m, 1/2"
Operating depth	15 m

Air flow curve as a function of pressure

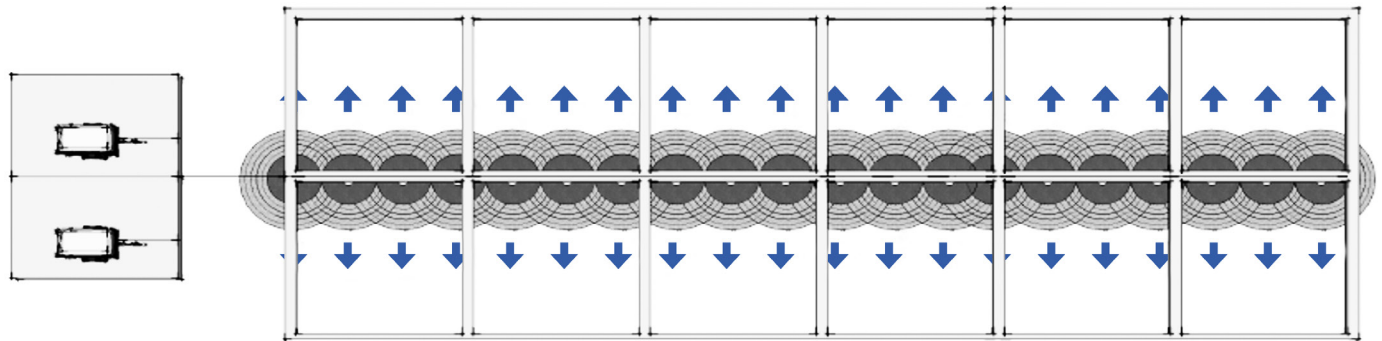


Recommended operating pressure: 3.5 bar





Installation diagram of the upwelling system

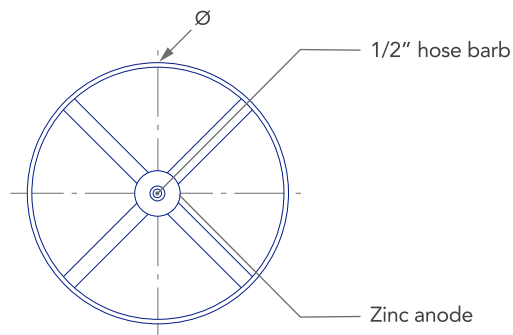


One surge diffuser is installed every 10 linear meters.

It is recommended to have one individual flowmeter for every two diffusers.

Surge diffuser

- » Diameter: 480 mm Ø
- » Height: 98 mm
- » Material: 316L stainless steel
- » One-year warranty



Accessories

- » Zinc anode (800 g).
- » Supply hose.

Warning: If any damage or wear is detected on the anode, please contact us to request a replacement.

