

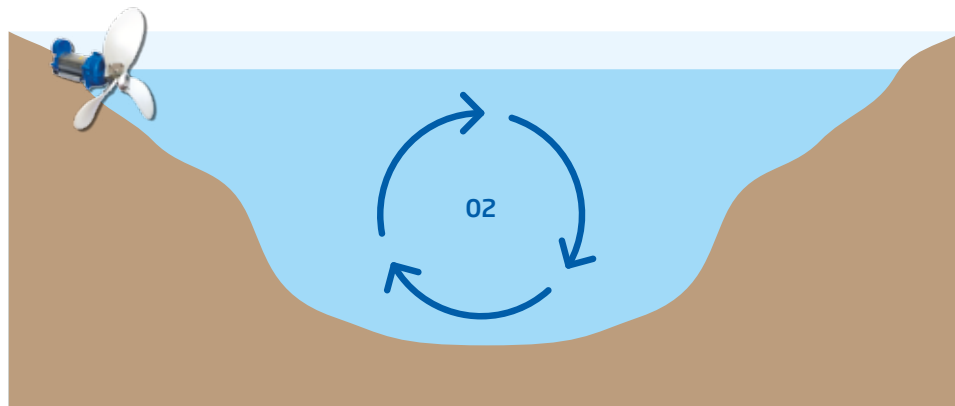
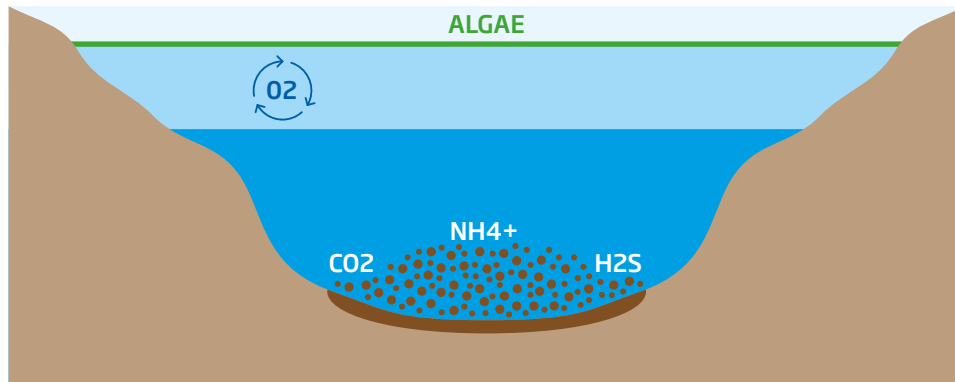
# CIRCULATION

## 50 HZ

Water in AIR / AIR in Water



# CIRCULATION



Homogenization of the water column is fundamental for the health of the aquatic ecosystems as it allows for proper concentration of nutrients, oxygen, and temperature is usually blocked or stratified in the first water layer depending on the particular shape of the reservoir.

Sometimes the natural effect of wind contributes to partial mixing of the upper water layers, but often this is not sufficient for complete homogenization. Circulators are required in these cases as they have a deeper, more effective and continuous action on the entire water column, especially for aquaculture activities. Good circulation can help avoid bottom sanitation operations, which results in money saving.

The circulator creates water currents that are oxygenated and naturally rich in nutrients, which enhances the growth and production of farmed species as well as quality and at the same time reduces the mortality of plankton.

Good circulation reactivates contaminated and unhealthy water, revitalizes the bottom soil and thus eliminates the risk of pollution and the formation of gases resulting from organic decomposition. Circulation is also a solution for limiting algal blooms without causing turbidity or erosion.

The position and angle of the device can be adjusted so as to control the flow.



