

SURFACE  
AERATORS

# AQUAEROMIX<sup>®</sup>

INCLINED SHAFT AERATOR



 **SFA**  
enviro

DIRECTIONAL AERATOR SELF  
ASPIRATING OR BLOWER ASSISTED

 Enviroline

## PRODUCT DESCRIPTION

The Aquaeromix provides a dual function of directional flow and mixing of oxygen into the wastewater. The Self Aspirating Aerator has a unique impeller and hollow shaft design to draw air below the water surface.

The Aquaeromix mixes the air into the water and produces fine to medium sized bubbles. The pumping effect of the impeller provides a directional flow. The rotating impeller generates an underpressure, which creates a vacuum in the tube and draws in air from outside.

The mixing flow of the impeller drives the bubbles towards the base of the lagoon.

The aerator is inclined in relation to the water level and its axial thrust generates a flow that favors circulation and prevents dead zones plus ensures effective treatment.



## OPTIONS

- The entire range exists in two types: self aspirating and with a blower added to increase performance
- The units exist in both floating and fixed execution
- Housing mounted vortex shield

## APPLICATIONS

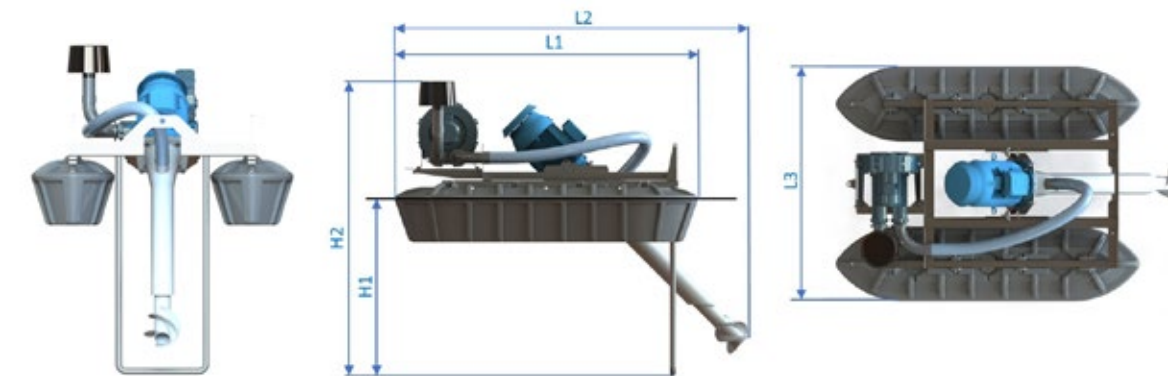
- Designed for both industrial and municipal applications
- Ideal for use in lagoons and equalization basins

## FEATURES AND BENEFITS

- Surface mounted Motor IP 56 protection
- Direct drive motor mounted on the framework between two floats
- Materials of construction: AISI 304/316 or special stainless steel
- Non-clogging impeller with protective housing
- Robust and compact design
- Floats manufactured in polyethylene filled with pur foam

- Directional aeration + mixing
- No aerosol
- Minimal maintenance: greased for life electrical surface motors and no mechanical seal and few moving parts
- Floating, wall, bridge mount assembly
- Can operate in fixed or variable water levels
- Ergonomic floats design with minimal hydraulic resistance
- Minimal vibration of the ScrewPELLER® as fully balanced
- Easy to install & remove from any tank or lagoon
- Simple with minimal maintenance
- Compact solution keeps solids in suspension and reduces any dead zones
- Installation possible in full basin without interrupting the treatment process
- Floats filled with pur foam improving reliability and security
- From 5.5 to 22 kW

- Available in one rental fleet



Product range **with blower** available with diverse powers:

Type	L1	L2	L3	H1	H2	Weight (kg)
<b>5,5 kW</b>	1690	2200	1650	1067	1835	315 kg
<b>7,5 kW</b>	1690	2200	1650	1067	1835	325 kg
<b>11 kW</b>	2300	2225	1776	1335	2300	460 kg
<b>15 kW</b>	2300	2225	1776	1335	2300	480 kg
<b>18,5 kW</b>	2300	2225	1776	1335	2300	500 kg
<b>22 kW</b>	2300	2225	1776	1335	2300	525 kg



Product range **without blower** available with diverse powers:

Type	L1	L2	L3	H1	H2	Weight (kg)
<b>5,5 kW</b>	1690	2125	1650	1067	1670	280Kg
<b>7,5 kW</b>	1690	2125	1650	1067	1670	290Kg
<b>11 kW</b>	2300	2125	1776	1335	2125	425kg
<b>15 kW</b>	2300	2225	1776	1335	2125	405kg
<b>18,5 kW</b>	2300	2225	1776	1335	2125	425kg
<b>22 kW</b>	2300	2225	1776	1335	2125	450Kg



## A STEP AHEAD IN WATER TECHNOLOGY

SFA enviro is born from the merger of Europelec (France), Aquasystems International (Belgium) and Aquaturbo Systems (USA), consolidating their expertise to form the environmental division of the SFA Group.

Operating under the Aquaturbo and Europelec brands, SFA enviro designs and manufactures a wide range of equipment for industrial and municipal wastewater treatment. Alongside our products, we offer a range of services including on-site installation, commissioning, equipment rental and the spare parts supply.

### For more information, contact us:

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### or visit our website:

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