

AQUA TURBO®



SCREWPELLER™

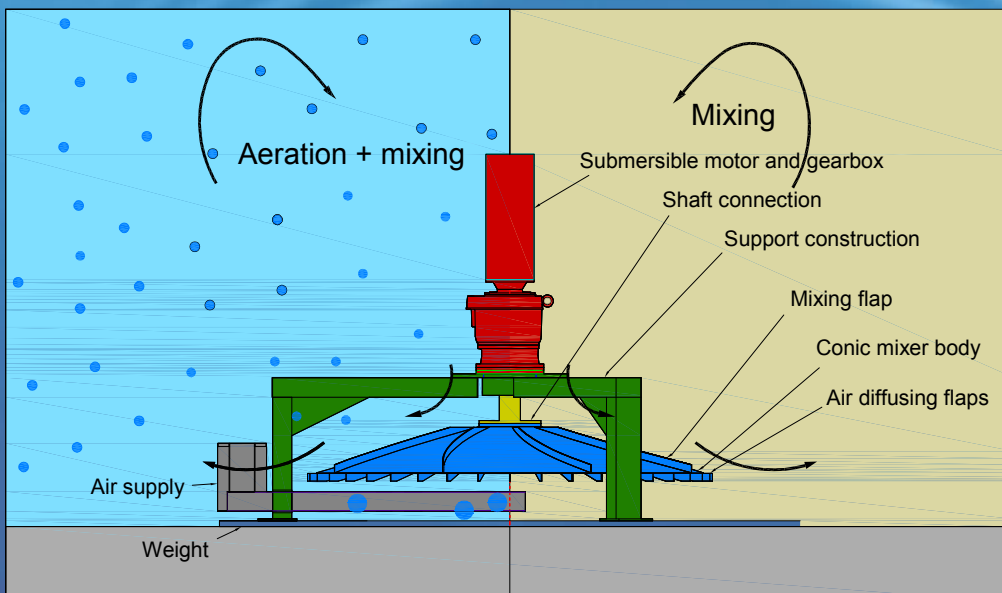
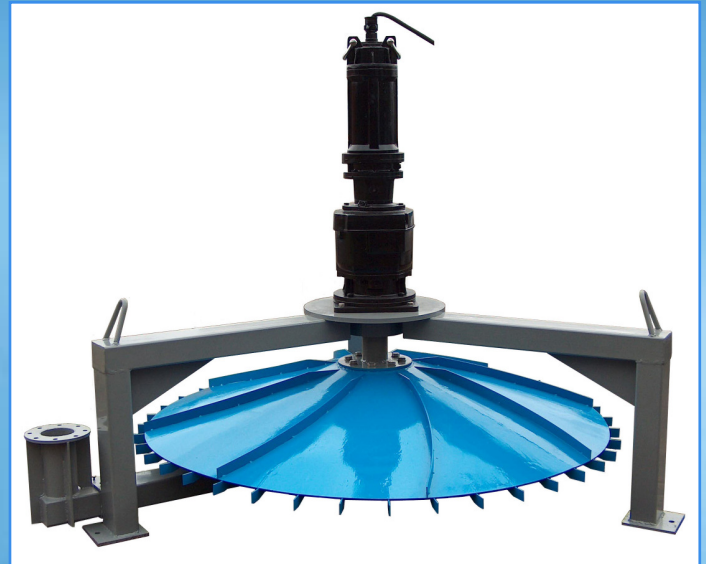
AQUASYSTEMS INTERNATIONAL NV

AQUA
DECANT™

AQUA TURBO® AER-GS

Low speed submersible aerator/mixer

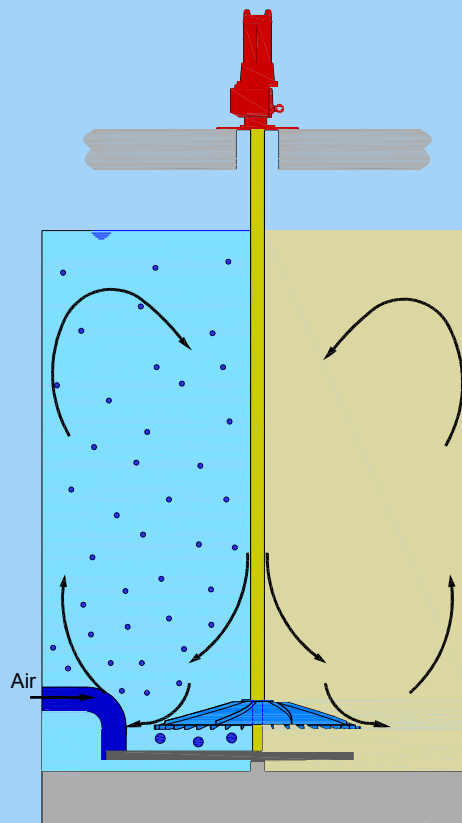
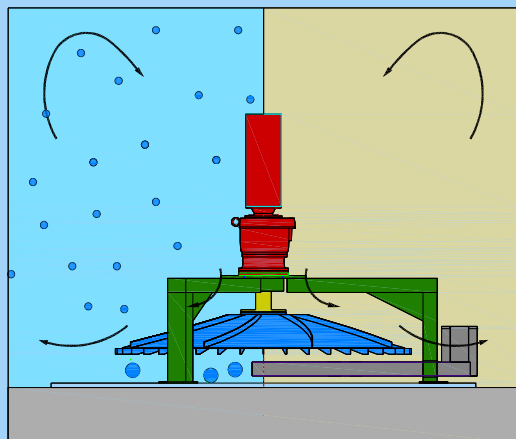
- Combined aerator mixer
- Same mixing capacity if blower is shut off
- Low noise
- Robust construction
- Range from 7,5 up to 37kW
- High mixing capacity, no dead zones
- High oxygen transfer, also in moderate and high activated sludge concentrations
- Separate mixing and aeration modes are efficient for oxygen regulation, and also for SBR/MBR-reactors.
- Over 360° evenly balanced air distribution via cone shaped mixer body
- Same mixing capacity and same fine bubble distribution if frequency convertor is used for the blower
- No clogging possible, due to the cone shaped mixer, and central air distributor
- Heavy duty gearbox
- Easy installation : Basin does not need to be emptied.
- Rental possible.
- Connection possible to existent blowers
- Aerator can be fitted with extended legs, so that it stands above eventual obstructions like piping, diffusers.
- Execution possible as mixer only



The AER-GS is the ideal combination of an aerator and a mixer. It can be used as an aerator and a mixer together, or it can be used as a mixer only.

Typical executions

The AER-GS is available with submersible motor/gearbox or with gearbox on top of a walkway, an extended shaft and bottom bearing.



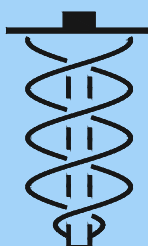
Basic Data

<i>Motor power</i>	<i>Impeller diameter</i>	<i>R.P.M.</i>	<i>Maximum Airflow</i>
30 kW	2400 mm	42	2500 m ³ /h
22 kW	2400 mm	37.6	2000 m ³ /h
18.5 kW	2400 mm	35	1600 m ³ /h
15 kW	2400 mm	32.8	1400 m ³ /h
11 kW	2400 mm	28	1200 m ³ /h
7.5 kW	2000 mm	32.8	1000 m ³ /h
5.5 kW	2000 mm	28.5	900 m ³ /h
4 kW	2000 mm	23.6	750 m ³ /h
3 kW	1500 mm	34.48	600 m ³ /h
2,2 kW	1500 mm	30.5	500 m ³ /h
1,5 kW	1500 mm	25.3	400 m ³ /h
1,1 kW	1500 mm	22.3	350 m ³ /h

All values are indicative. Aquasystems International NV reserves the right to adjust these values at any time.

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 Sales offices
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World-wide network of distributors and agents