

# AERATION CIRCULATION 60 HZ

Water in AIR / AIR in Water

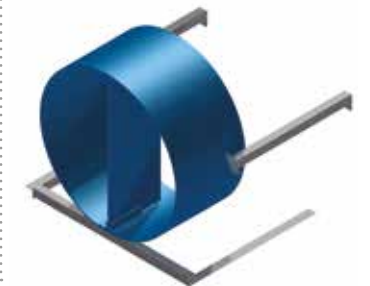


RIO is a compact and powerful circulator, with very high flow and minimum energy consumption. The motor angle can be adjusted up or down by 15° so as to direct the water flow to the target. RIO moves up to 3000 m<sup>3</sup> of water per hour, which ensures destratification in basins with a surface area of up to 10,000 m<sup>2</sup>. RIO low level of Revolutions Per Minute ensures very quiet operation in order to prevent disturbance to aquatic animals in the water basins, tanks or ponds while minimizing the environmental impact on the aquatic ecosystem. Useful to control and equalize many parameters such as temperature, oxygen and nutrients in the water column, essential to keep the bottom clean in big water basins, thus avoiding problems in connection with sedimentation, helpful to avoid de-icing in winter.

### PLUS

- › Great water flow with very low consumption
- › Best circulator for heavy-duty applications
- › Conveyor available
- › Inverter to adjust the RPM according to the needs available
- › Suitable for biofilter application (moving bed)

### OPTIONAL CONVEYOR



### SUPPORTS



#### FLOATING INSTALLATION

Light weight and easy to install, for standard aquaculture applications.

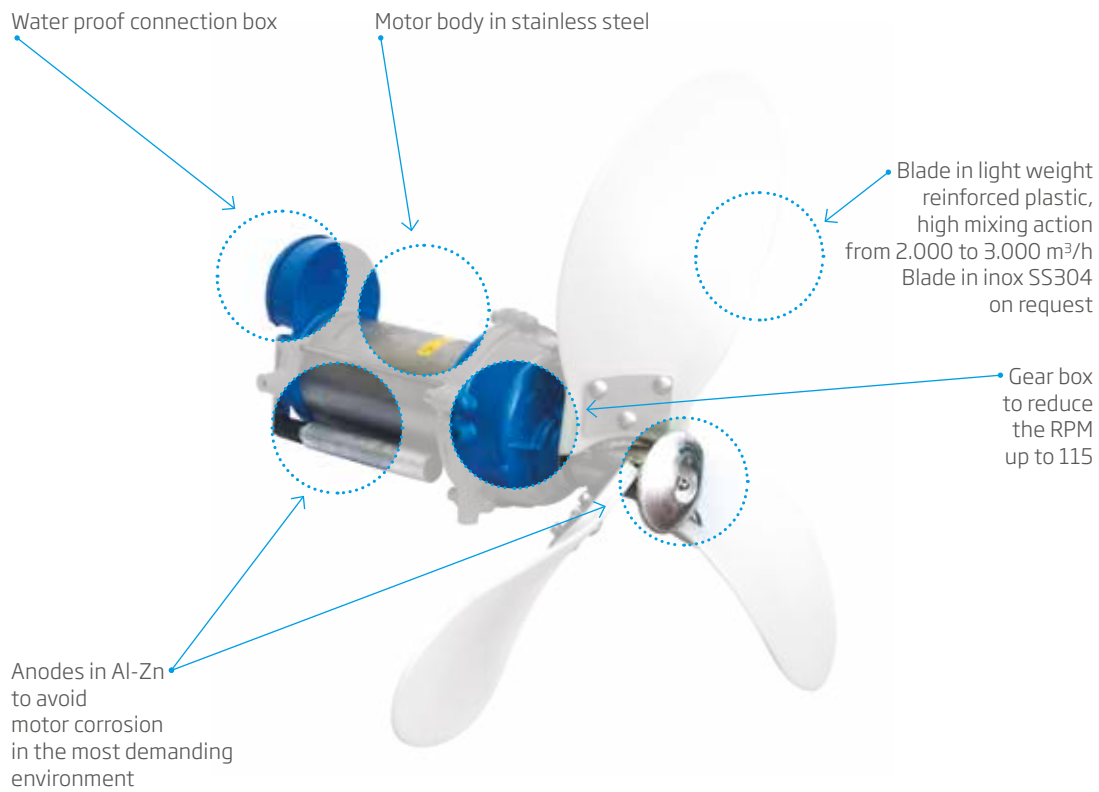


#### STATIC INSTALLATION

Guiding pole system solution, easy to remove. Suitable for deep tank application.

| SINGLE PHASE<br>230 V | THREE PHASE<br>400 V | NOM. POW.<br>HP | NOM. POW.<br>KW | AMPERAGE<br>SINGLE PHASE | AMPERAGE<br>THREE PHASE | R.P.M.<br>PROP. | REDUCTION<br>RATIO | R.P.M./1" | WEIGHT<br>KG |
|-----------------------|----------------------|-----------------|-----------------|--------------------------|-------------------------|-----------------|--------------------|-----------|--------------|
| RIO AG 10 M           | RIO AG 10 T          | 1               | 0.75            | 6.5                      | 3.0                     | 123             | 1/13.40            | 1650      | 38           |
| RIO AG 20 M           | RIO AG 20 T          | 2               | 1.50            | 12.5                     | 5.3                     | 115             | 1/14.35            | 1650      | 42           |

Customized solutions on request



**AG 10**

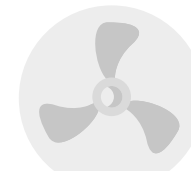
740 mm



1.0 HP

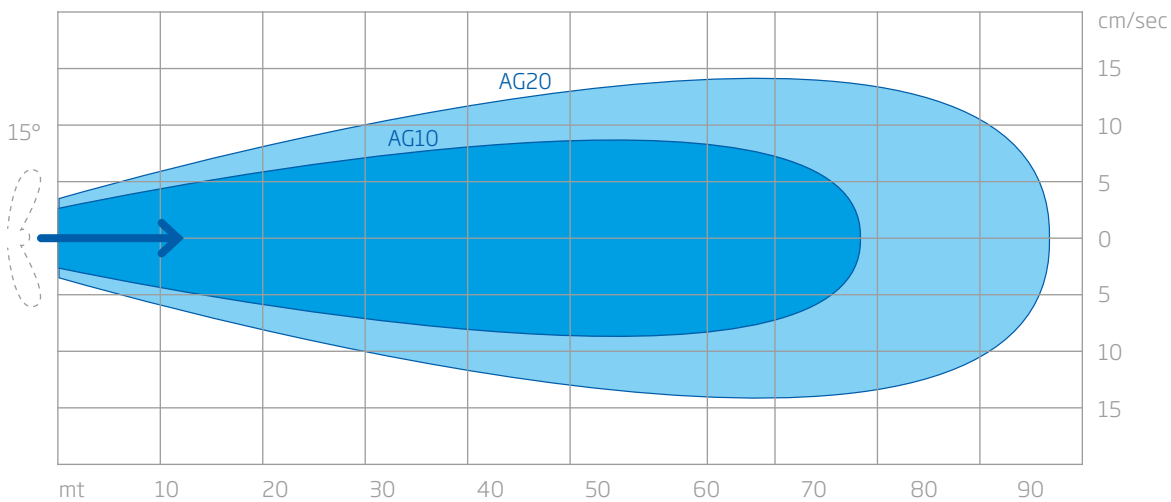
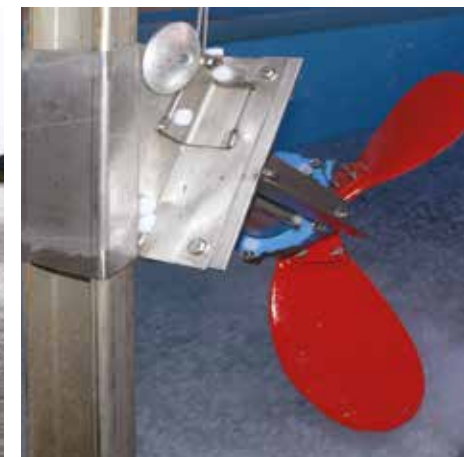
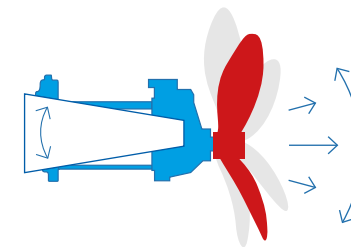
**AG 20**

860 mm



2.0 HP

**ADJUSTABLE MOTOR ANGLE**







MADE IN ITALY



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