

# AERATION CIRCULATION 60 HZ

Water in AIR / AIR in Water



# FORCE7



FORCE7 is classified as a powerful high efficiency aspirator aerator. FORCE7 self-injects a large volume of air and micro bubbles are dissolved in a wide area, thus optimizing oxygen dissolution in water with the best oxygen transfer rate. The high RPM propeller also creates a powerful stream of water that enhances circulation. It can be installed at different depths and at different angles of incidence, in order to prevent thermal stratification and to make the ecosystem homogenized. When compared with other technologies, additional circulation helps improve and speed up the process of oxygen dissolution in water as a result of longer bubble retention time. This versatile aerator can achieve proper water aeration and destratification as well as removing harmful gases and keeping the soil clean.

## PLUS

- › Best oxygen transfer rate
- › Suitable for pure oxygen and ozone dissolution with great dissolution efficiency
- › Available in floating version, with static support or with dock mount support
- › Suitable for aquaculture application (fresh, brackish and marine water) in tanks (high density) or ponds
- › Different propellers for different applications and needs

## 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.

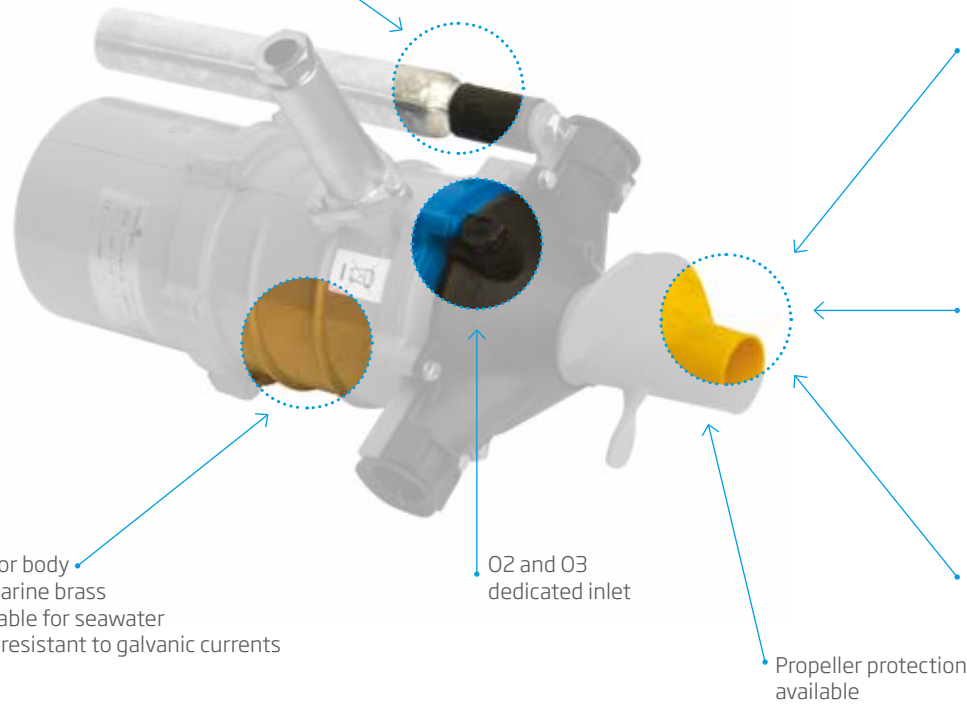


### DOCK MOUNT INSTALLATION

Usefull for lake de-icing, weeds/algae removal and destratification.

SINGLE PHASE 220 V	THREE PHASE 380 V	PROP.	NOM. POW. HP	NOM. POW. KW	AMPERAGE SINGLE PHASE	AMPERAGE THREE PHASE	R.P.M./1"	WEIGHT KG
FORCE 7 0.5 M	FORCE 7 0.5 T	A	0.5	0.37	3.3	1.4	3350	16
FORCE 7 1 M	FORCE 7 1 T	A	1.0	0.75	6.0	2.3	3350	17
FORCE 7 2 M	FORCE 7 2 T	A	1.5	1.1	8.0	3.5	3350	17.5
	FORCE 7 2,5 T	A	2.0	1.5		3.8	3350	17.5
	FORCE 7 3 T	A	2.2	1.7	11.1	4.0	3350	17.5
FORCE 7 0.5 M	FORCE 7 0.5 T	C	0.5	0.37	3.3	1.4	3350	16
FORCE 7 1 M	FORCE 7 1 T	C	1.0	0.75	6.0	2.3	3350	17
FORCE 7 2 M	FORCE 7 2 T	C	1.5	1.1	8.0	3.5	3350	17.5
FORCE 7 0.5 M	FORCE 7 0.5 T	INT	0.5	0.37	3.3	1.4	3350	16
FORCE 7 1 M	FORCE 7 1 T	INT	1.0	0.75	6.0	2.3	3350	17
FORCE 7 2 M	FORCE 7 2 T	INT	1.5	1.1	8.0	3.5	3350	17.5
	FORCE 7 2,5 T	INT	2.0	1.5		3.8	3350	17.5
FORCE 7 PLUS M	FORCE 7 3 T	INT	2.2	1.7	11.1	4.0	3350	20/17.5
	FORCE 7 PLUS T	INT	3.0	2.2		4.6	3350	20

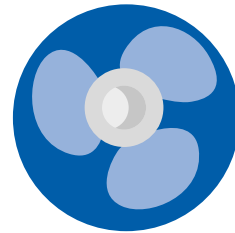
Anode in Al-Zn to avoid motor corrosion in the most demanding environment



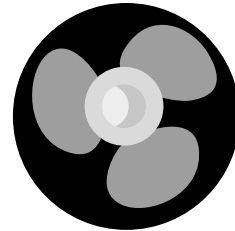
Motor body in marine brass suitable for seawater and resistant to galvanic currents

O2 and O3 dedicated inlet

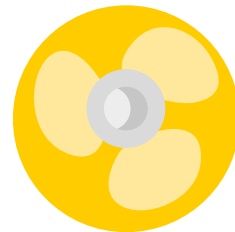
Propeller protection available



**BLUE PROPELLER**  
Great circulating effect. Suitable for air applications.

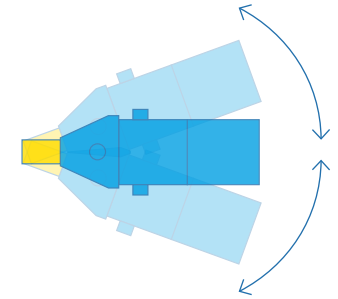


**BLACK PROPELLER**  
Best aeration efficiency. Pure oxygen and high density applications.

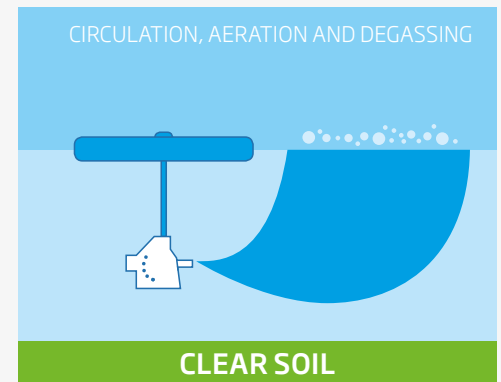
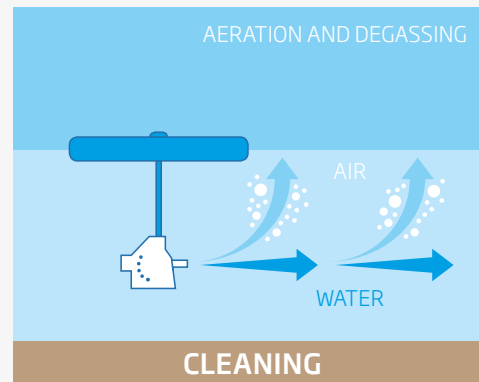
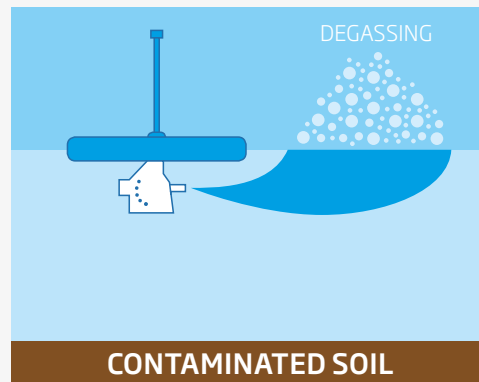
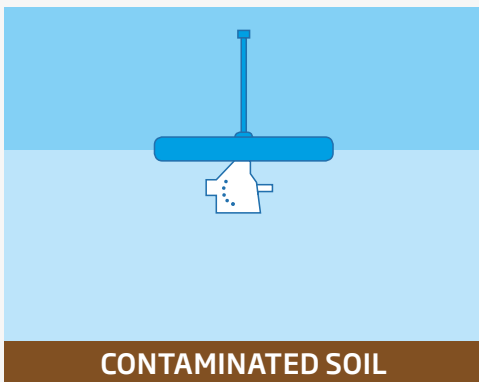
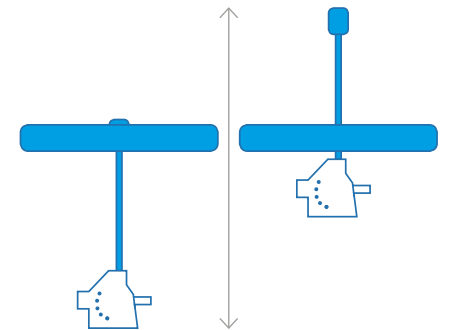


**YELLOW PROPELLER**  
Circulation and aeration. High water stream. Pure oxygen or air applications.

### ADJUSTABLE MOTOR ANGLE

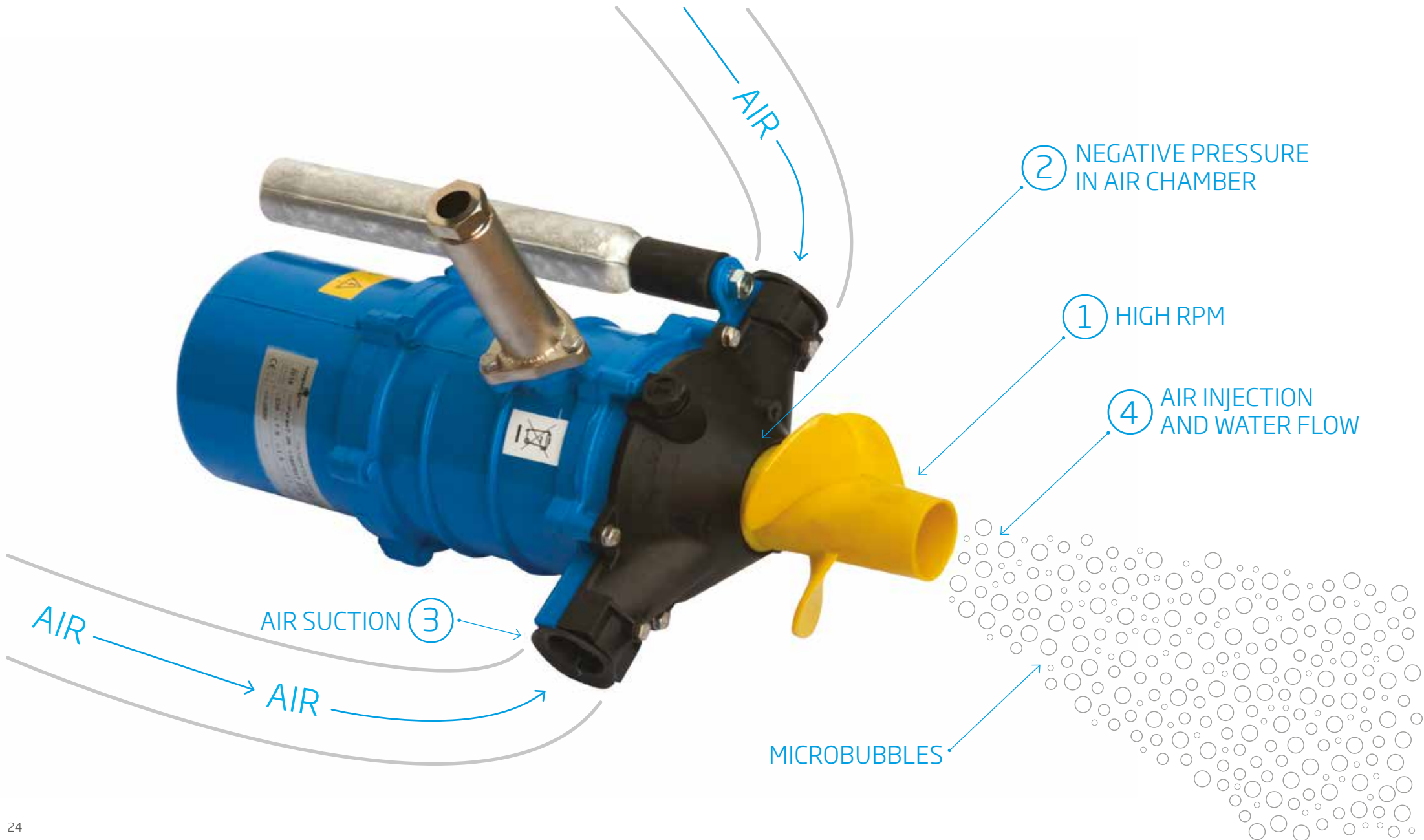


### ADJUSTABLE DEPTH



# FORCE7

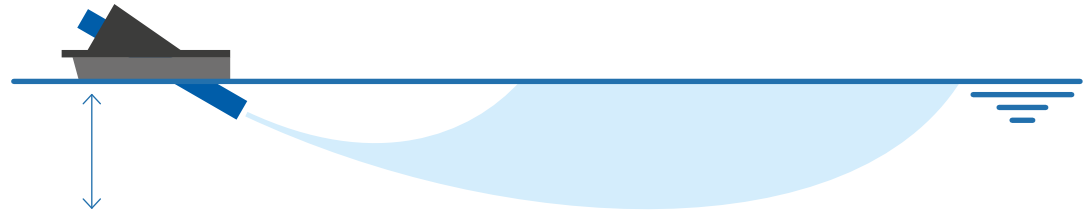
## HOW IT WORKS



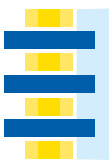
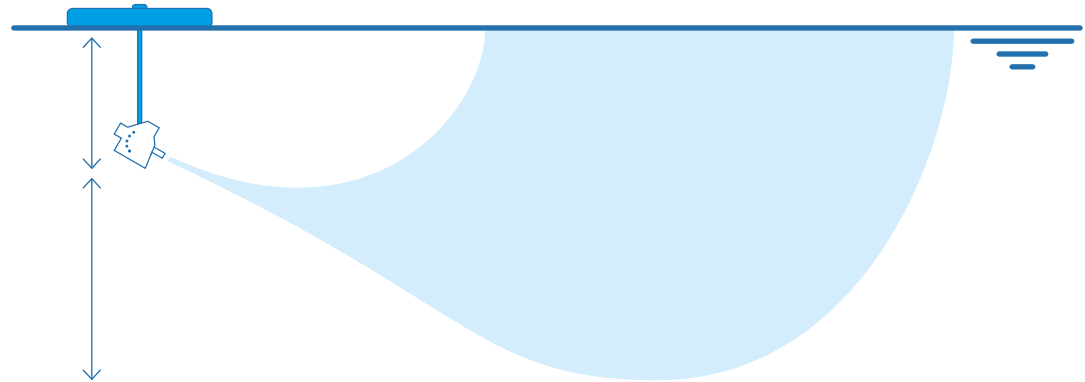
# TECHNOLOGY COMPARISON



Fixed depth and working angle  
Can cause soil erosion in earthen ponds  
Air-cooled motor likely to be exposed to higher corrosion when out of water.



Adjustable depth and angle to hit the target and to better aerate the whole water column  
Deep Horizontal flow in earthen pond to avoid soil erosion  
Lightweight submersible motor for better cooling and very easy maintenance.



The action of this aerator only affects the most superficial layer of water.  
No oxygen on the bottom helps the soil remain anoxic.  
Heavy duty maintenance.





FRESH WATER



FRESH WATER



SHRIMP FARMS



SALT WATER



SALT WATER



AIR



FISH FARMS



FISH FARMS



PURE OXYGEN



SHRIMP FARMS



HYDROPONICS



HYDROPONICS



AIR



ENVIRONMENT



ENVIRONMENT



PURE OXYGEN



FLOATING CAGES



FLOATING CAGES



MADE IN ITALY



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