

call Kevin on 07891593870
www.aquatico.co.uk or email: roanfish@blueyonder.co.uk

force7
FORCE SEVEN

By creating horizontal currents of water and vertical streams of air, Force 7 prevents all forms of stratification, making the ecosystem uniform. Temperature and oxygen will be balanced at every level from the bottom to the surface, the constant flow generated by Force 7 will prevent gas pockets from forming.



air
water

Force 7 ensures circulation that prevents or reduces organic and inorganic sedimentation on the bottom **WITHOUT CAUSING EROSION OR TURBIDITY**. The speed of circulation can be controlled by adjusting the position and angle of the motor; a careful arrangement of Force 7 circulates well oxygenated water throughout the pond. Indirectly, circulation contributes to making the dissolution process faster and increasing the oxygen content of the water.



The circulation, dispersion of bubbles and turbulence caused by Force 7 make the particles in suspension (carbon dioxide, ammonia, dissolved protein, decomposing substances, etc.) get dragged up to the surface. This phenomenon takes the name of "flotation" (foam fractionation). The foam coming up to the surface is simple to remove.



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Height adjustable float to optimize the working depth of the motor

FOR THE ENVIROMENT PROTECTION MUCH MORE THAN AERATION.

- AERATION
- OXIGENATION
- DEGASSING
- CIRCULATION
- DESTRATIFICATION
- FOAM FRACTIONATION
- WATER AND BOTTOM DEPURATION

Support pipes with standard section height 1 m, on request up to 6 m.

Electric cable connection box

Power supply cable

Force 7 blows huge volumes of AIR into the water at an adjustable depth from 0.5 to 2 metres in the form of micronized bubbles. It mixes with turbulence optimizing the dissolution of air and oxygen in the water; efficient aeration in depth neutralizes the polluting elements.

Force 7 ensures superior performance in transferring oxygen into the water. With salty or charged water the results are incomparable. It can deliver and dissolve pure oxygen as well without dispersion from 0.5 to 8 metres.

Force 7 promotes the transfer of harmful gases from the water to the air.

Propeller

Propeller guard

Motor support to avoid sinking if the water level lowers

Motor adjustable ±35° upwards and downwards

suction and mixing body

Water adjustment holes

motor angle

Operating characteristics at sea level with an ambient temperature of 25° C.

Models		kW absorbed		Nominal power		rpm/1'	Weight Kg
Single - phase 220 V - 50 Hz	Three - phase 380 V - 50 Hz	Single - phase kW	Three - phase HP	Single - phase kW	Three - phase HP		
FORCE 7.1M	FORCE 7.1T	1	1	1	1	2800	11
FORCE 7.2M	FORCE 7.2T	1,6	1,6	1,5	1,5	2800	13,5

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