

Water jet aerator for strong directional current



aerator for aquaculture, fisheries, canals and ornamental lakes

become established in stagnant and oxygen-deficient areas. This can result in the death of many different organisms (including fish), bad smells and the acceleration of silt deposition.

AQUA-JET draws water from deep, and consequently draws up and circulates stagnant water.

AQUA-JET comes with a one-year warranty.

AQUA-JET with submersible motor gives good flow and high oxygen enrichment.



Advantages:

- *directional water output*
- *excellent oxygen enrichment*
- *low power consumption*
- *excellent circulation*
- *robust and readily portable*

AQUA-JET has a directable jet fountain, and creates a strong flow in the pond.

AQUA-JET is very easy to deploy and install. A fixed installation is not necessary, as it is only required to anchor the aerator (using ropes or chains) to stop it drifting away (against the directional outlet).

The robust submersible pump generates a powerful flow with excellent oxygen transfer. This water circulation strips waste gases from the water, including carbon dioxide, and thus discourages algae. The angle of discharge (trajectory) of the water jet is adjustable according to the desired flow, size of the pond and stock of fish.

The robust submersible motor has a uniquely designed mechanism that gives very high efficiency; low electrical consumption but high power output.

The motor shaft is made of high-grade stainless steel, and twin impellers are directly mounted onto it. The arrangement of the axial flow impellers is virtually clog-free.

A narrow screen option is available for use in fry ponds.

The stainless submersible motor is always in the water and constantly cooled during use. This guarantees a long life and

maintenance-free operation.

AQUA-JET is suitable for almost every relatively long pond (whether a canal or raceway) or large and square ponds.

With the aerator suitably positioned, a good flow and thorough circulation of the water can soon be achieved. This is especially important to distribute the oxygen-enriched water throughout the whole pond or lake. Otherwise, putrefaction can

Technical

Motor rating	kW	0.25	0.40	0.55	0.75
Power take-up	W	460	590	850	1100
Voltage	V	230/400	230/400	230/400	230/400*
Motor	rpm	1400	1400	1400	1400
Fountain height	m	0.50	0.60	0.65	0.80
Fountain width	m	0.90	1.10	1.30	1.60
Minimum water depth	m	0.60	0.60	0.65	0.65
Suction depth	m	1.40	1.50	2.00	3.00
Active zone	m	25	30	50	80
Water del	m ³ /h	80	100	140	185
Weight	kg	30			
Dimensions Ø / Height	cm	Ø 80/70			

* 110 V on request