

NEW



NOVAIR 200/600

SUBMERSIBLE AERATOR

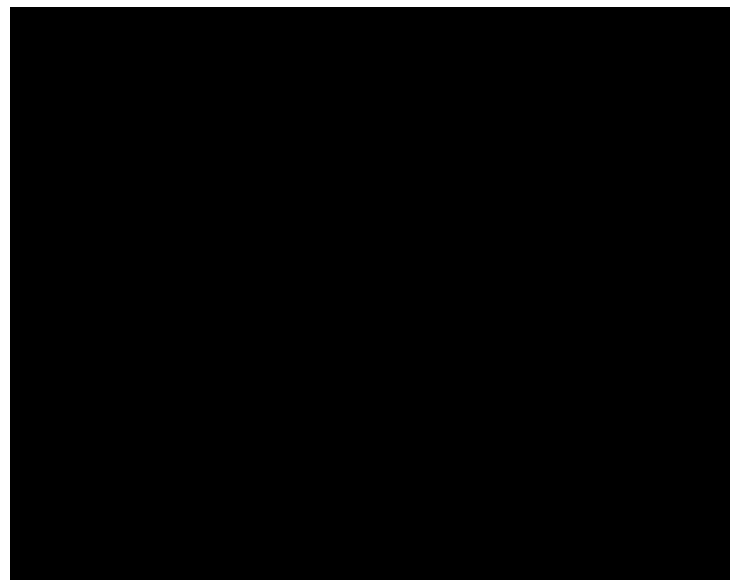
**FOR DOMESTIC WASTE WATER TREATMENT SYSTEMS
AND POND/FISH FARMING APPLICATIONS**

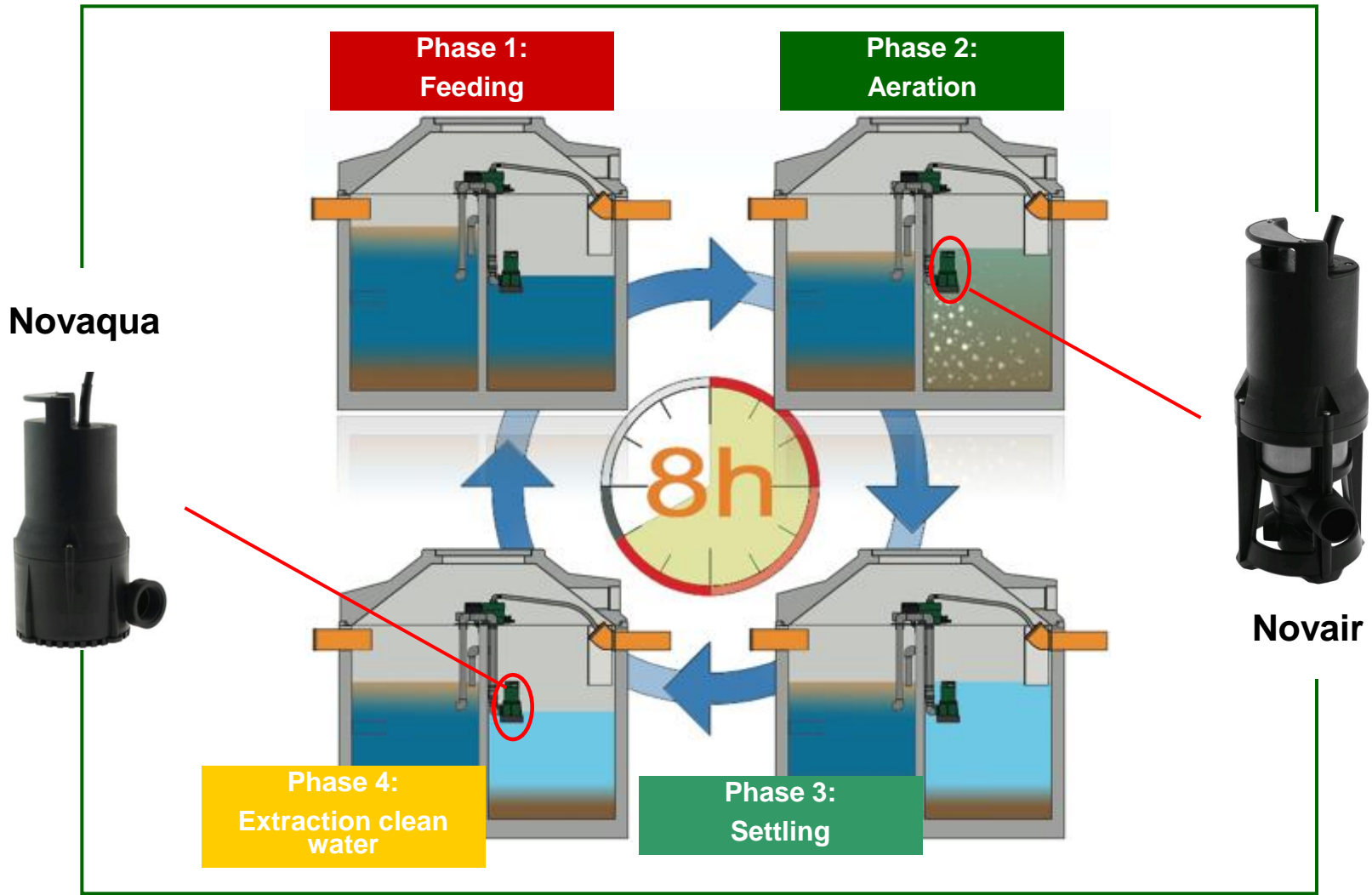
APPLICATIONS

The submerged aerator is designed for liquid waste aeration in small water treatment systems. Other fields of application include pond water oxygenation and fish farming

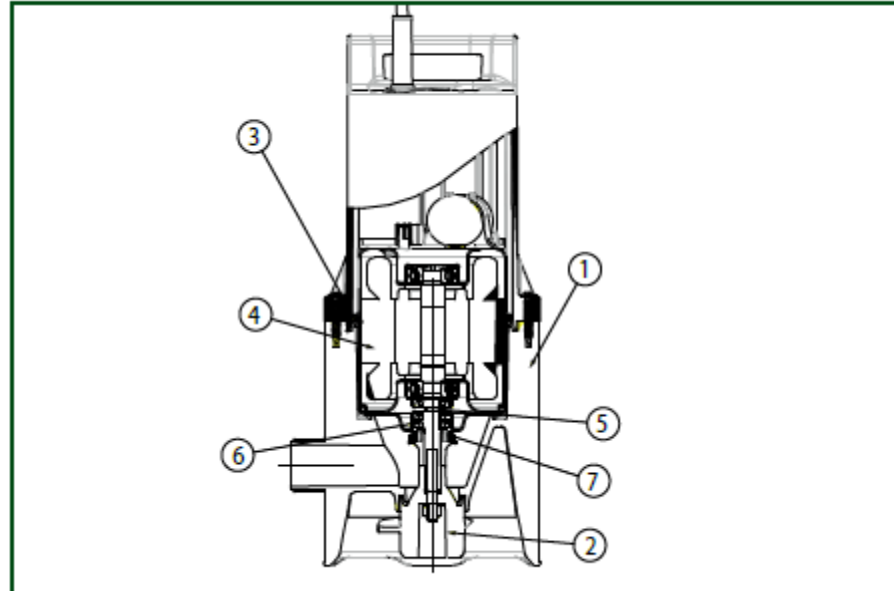


FUNCTIONING





N	DESCRIPTION		MATERIAL
1	PUMP BODY		TECHNOPOLYMER
2	GIRANTE		TECNOPOLIMERO
3	O-ring SEAL		NBR 70
4	MOTOR	CASING	AISI 304
		SHAFT	AISI 416
5	CERAMIC BUSH		AISI 303 + CERAMIC
6	RADIAL SEAL		NBR 70
7	V-RING		NBR 70 + GREASE



Motor: Two-pole asynchronous submersible type motor from 0.18 and 0.4 kW with built-in **thermal protection** and permanently connected capacitor installed in the cable compartment.

Mechanical seals: Triple interposed ring seal with oil pre-chamber.

Operating range: air delivery 2 - 17 m³/h for depths from 20 – 90 cm

Protection level: IP68

Insulating class: F

Liquid temperature range: from 0 °C to 35 °C according to EN 60335-2-41 standard for domestic use

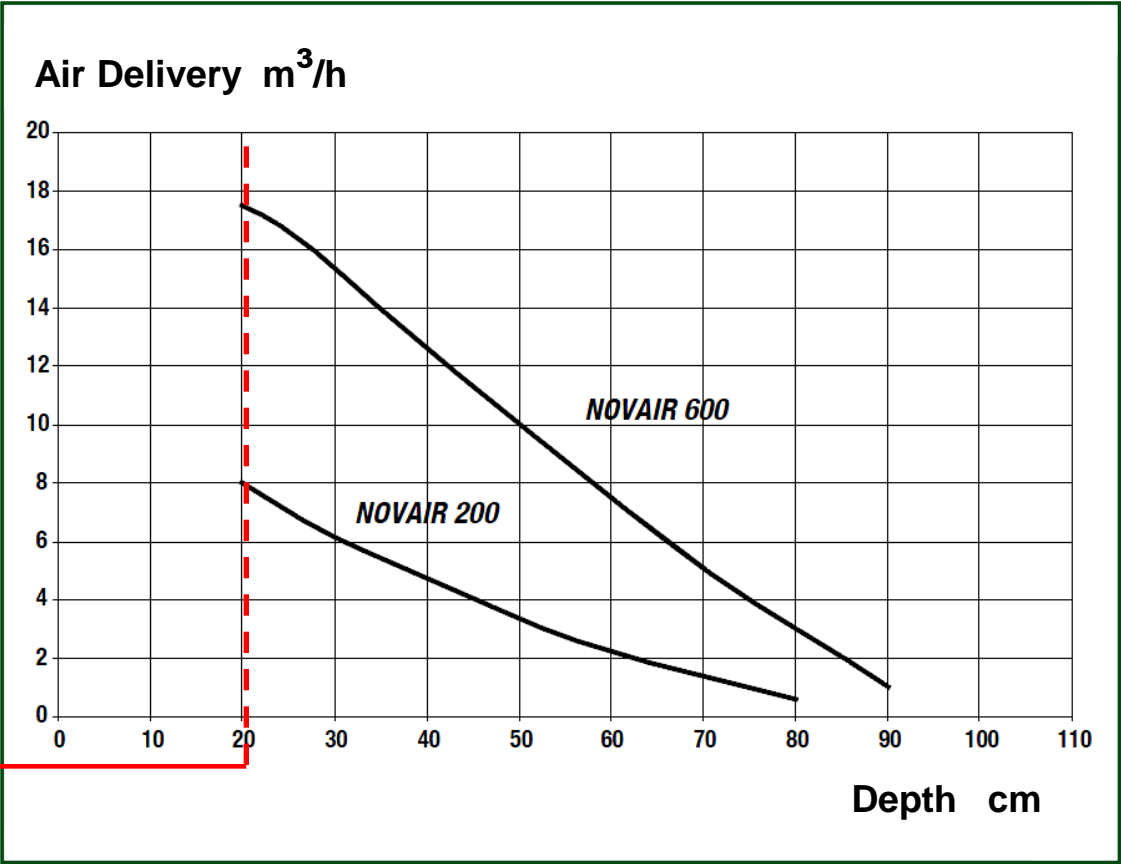
Liquid quality requirements: sewage from septic tank fibre-less and free from solids, and clear water.

Standard voltage: single-phase: 220 – 240 V/ 50 Hz

Power cable: H07RNF8-F of 2mt, 5mt e 10 mt and SCHUKO plug available



20 cm Minimum submersible depth



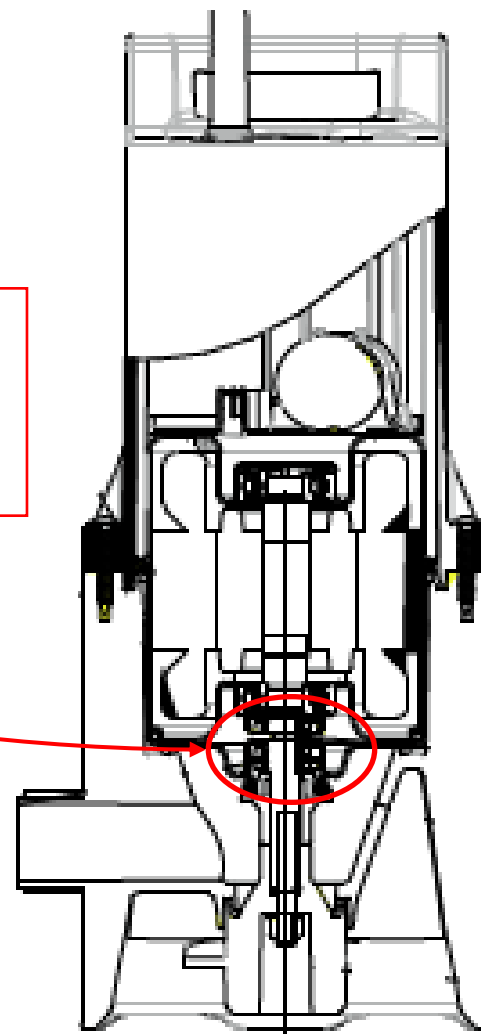
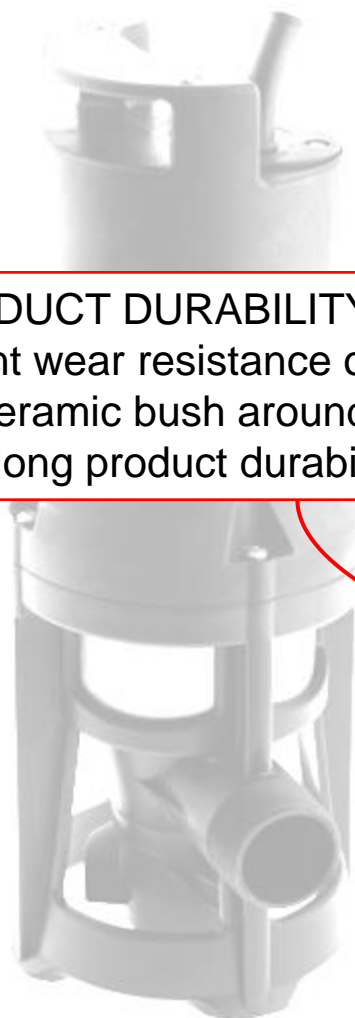
MAXIMUM RELIABILITY :

- Every single aerator is tested with pressurized air to properly assure that no leakages could get into top housing.
- The body is supplied with a supporting basement
- Motor cooling is guaranteed by large contact surfaces between motor casing and the liquid
- SPECIALLY IMPELLER DESIGN : blade profiles avoid damaging to microorganisms present in the water when starting operation.
- COATED RESIN CABLING : against humidity and leaks
- EASY PLUG: cable gland favours the aerator's maintenance operations and its replacement without unplugging power cable from control panel



LONG PRODUCT DURABILITY :

- The excellent wear resistance of the stainless steel motor shaft, with ceramic bush around the sealing rings, guarantees long product durability.



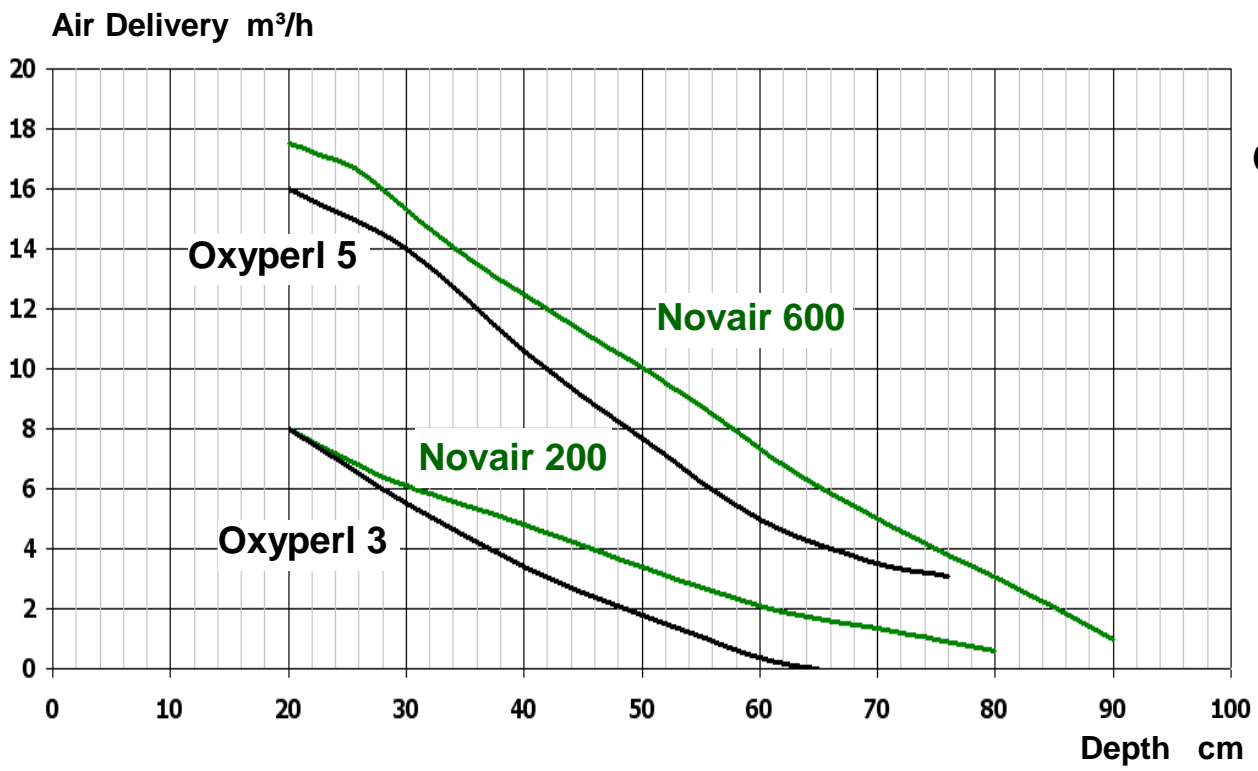
Oxyperl

Cable-gland system

Novair



Performances



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THANKS FOR YOUR ATTENTION