

VORBOX 2

AUTOMATIC PUMPING STATION WITH 2 VORTEX PUMP



Automatic lifting station for clear and dark water, consisting of a 500L tank designed to be buried underground in reinforced polyethylene.

The station is complete with:

- Two submersible electric pumps in Stainless Steel AISI304 with Vortex impeller and motors with Single-phase power supply $V=1 \times 230V$ 50Hz.
- Control panel for exchange and insertion of electric pumps controlled by three floats positioned inside the station second level of insertion and start-up pump.
- Electronic polycarbonate panel for protection, control and management of two electric pumps Single-phase $V=1 \times 230V$ 50Hz, IP55 complete with door lock and three level floats for direct control in the tank.
- Each electropump is hydraulically connected independently with autonomous way with PVC piping; 3 pieces fitting for the release of the pump in case of maintenance or replacement of electric pump. Wall pass Male PVC outlet.
- Shut-off valves and ball checkvalves are to be provided by the installer according to the development of the plant.



PUMP PERFORMANCE

Type	kW	HP	1 ~ 50Hz Amp. 230 V	Q (lt/m) Flow												
				40	100	200	300	400	500	600	700	800	900	1000	1100	1200
				Total Hm in CA												
VORBOX2Q08500	0,6	0,8	7,0	7	6,2	5	3,7	2	0	-	-	-	-	-	-	
VORBOX2Q12500	0,9	1,2	10,4	10,4	9	7,4	6,5	5,4	3	0,4	-	-	-	-	-	
VORBOX2Q15500	1,1	1,5	14,4	11,5	11	10	9,5	9	8	7	6,5	5,5	4	3	2	1

HIDRAULIC PERFORMANCE see the IVOR models curve

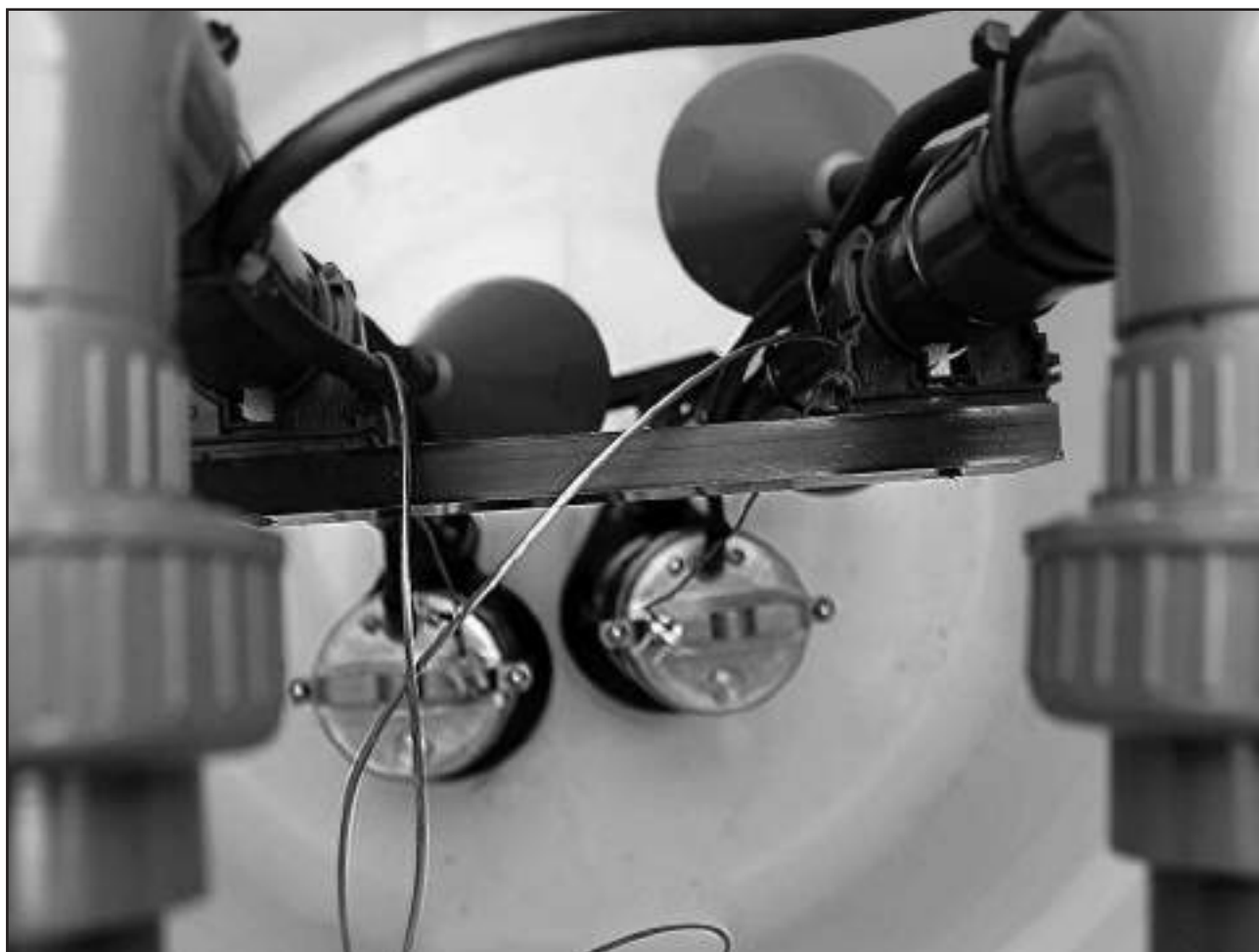


TABLE OF SIZES AND WEIGHTS

Type	Dimensions cm			DNM	Weight Kg
	H	Ø	Sugested discharge Ø		
VORBOX2Q08500	116	80	10	1"¼ M	44
VORBOX2Q12500	116	80	10	1"¼ M	48
VORBOX2Q15500	116	80	10	2"	54

