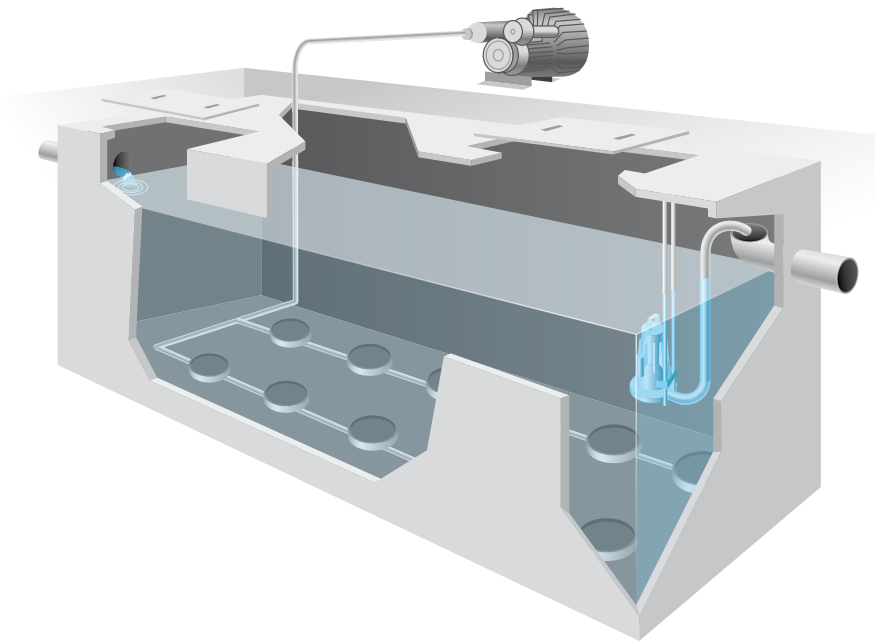


Prefabricated plants for sewage water purification

Series OXI/SBR Monobloc parallelepiped total oxidation plants for 30 to 200 equivalent people with SBR reactor.

Technical specifications

Supply of a reinforced concrete prefabricated total oxidation plant type EMS WATER TECHNOLOGY series OXI/SBR, composed of a concrete monobloc parallelepiped horizontal axis tank working according to the "S.B.R." technology, complete with outlets for the incoming and outgoing sewage, concrete inspection manholes, lateral channels electrical blower, self cleaning membrane air diffusers, submersible electrical pump for treated water discharge, level adjusters, electrical control and protection panel equipped with programming clock and all the electromechanical parts needed for a correct functioning.



OXI/SBR oxidation series for discharge in surface water - leg decree n. 152 dated 03/04/06

DESCRIPTION	MEASURE UNIT	MODEL										
		OXI/SBR 30	OXI/SBR 40	OXI/SBR 50	OXI/SBR 60	OXI/SBR 80	OXI/SBR 100	OXI/SBR 125	OXI/SBR 150	OXI/SBR 175	OXI/SBR 200	
People	n.	30	40	50	60	80	100	125	150	175	200	
Daily flow	mc/g	4,50	6	7,50	9	12	15	18,75	22,50	26,25	30	
Organic load (BOD)	Kg/g	1,80	2,40	3	3,60	4,80	6	7,50	9	10,50	12	
Oxidation/sedimentation volume	mc	5,65	7,75	9,50	11,20	16,20	19,60	24,40	28,60	33,90	36,25	
Air demand	mc/h	24	24	40	40	40	70	70	70	115	115	
Water head	mm	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	
Installed power	kW	0,55	0,55	1,10	1,10	1,10	1,50	1,50	2,20	2,20	2,20	
Diffusers	n.	4	4	8	8	8	12	12	12	16	16	
DIMENSIONS	length	cm	230	300	360	420	500	500	600	700	750	800
	width	cm	200	200	200	200	220	250	250	250	250	250
	height	cm	220	220	220	220	220	250	250	250	250	250
Total weight	q.li	60	110	130	150	170	180	230	260	280	300	

The values stated are just for information. EMS WATER TECHNOLOGY retains the right to change them at any time.

The plants may be supplied with different hydraulic flow rates and organic loads than those indicated in the table, which are 150 l/ab. day. and di 60 g BOD5/ab.day