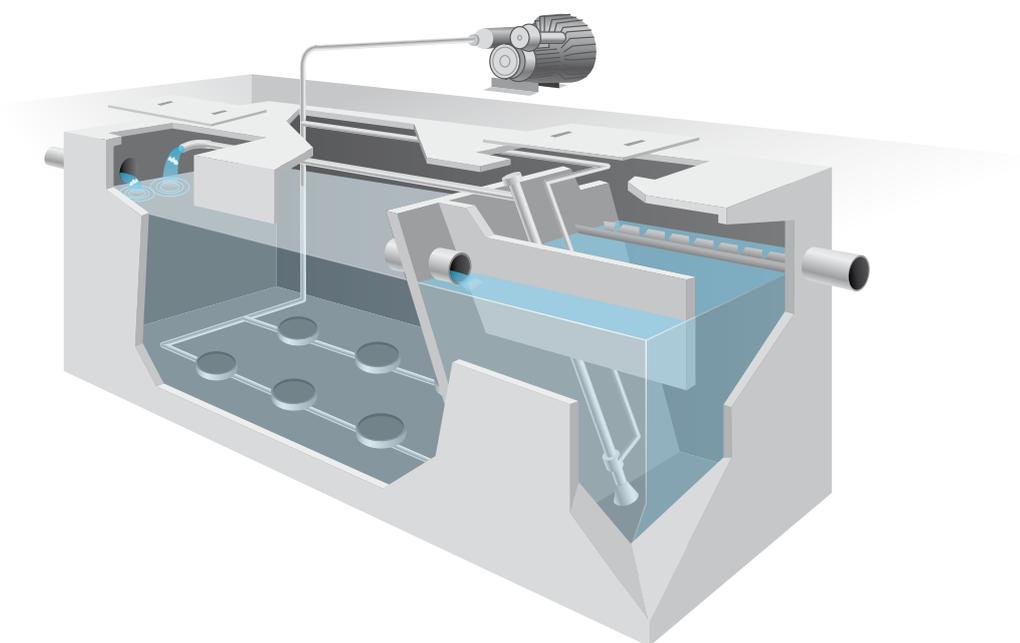


Series OXI/P

Monobloc parallelepiped total oxidation plants for 30 to 200 equivalent people.

Technical specifications

Supply of a reinforced concrete prefabricated treatment plant type EMS WATER TECHNOLOGY series OXI/P, composed of a monolithic parallelepiped vertical axis tank divided into a biological oxidation section and a final sedimentation section, complete with outlets for the incoming and outgoing sewage, concrete inspection manholes, self-cleaning membrane diffusers, electrical control and protection panel complete with programming clock and all the electromechanical devices needed to guarantee a correct functioning.



OXI/P series total oxidation monobloc parallelepiped for discharge in surface water - leg decree n. 152 dated 03/04/06

DESCRIPTION	MEASURE UNIT	MODEL									
		OXI/P 30	OXI/P 40	OXI/P 50	OXI/P 60	OXI/P 80	OXI/P 100	OXI/P 125	OXI/P 150	OXI/P 175	OXI/P 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 (BOD5)	Kg/g	1,80	2,40	3	3,60	4,80	6	7,50	9	10,50	12
Oxidation volume	mc	4,50	6	7,50	9	12	15	18,80	22	26	28
Sedimentation volume	mc	1,15	1,75	2	2,20	4,20	4,60	5,60	6,60	7,90	8,25
Sedimentation surface	mq	0,94	1,45	1,62	1,80	3,20	3,50	3,90	6,60	5,52	5,75
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	1,50	2,20	2,20
Diffusers	n.	4	4	8	8	8	12	12	12	16	16
	length	cm	230	300	360	420	500	500	600	700	800
DIMENSIONS	width	cm	200	200	200	200	220	250	250	250	250
	height	cm	220	220	220	220	220	250	250	250	250
Total weight	q.li	85	105	120	135	165	185	225	250	270	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