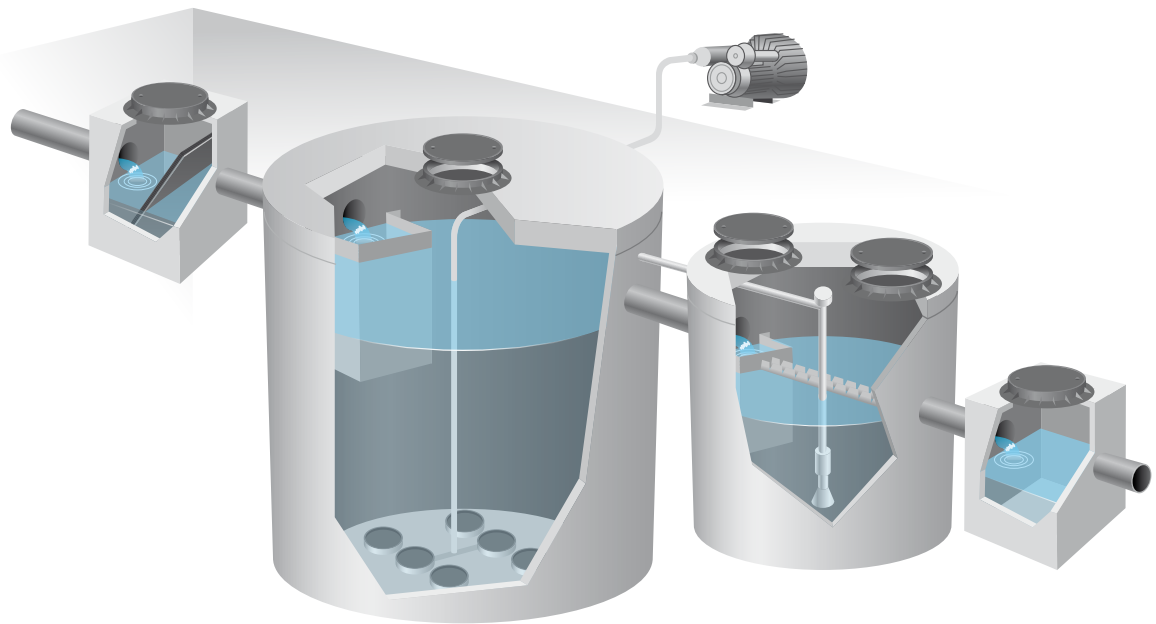


## Series OXI/C

### Modular rings total oxidation plants for 15 to 250 equivalent people.

#### Technical specifications

Supply of a reinforced concrete total oxidation plant type EMS WATER TECHNOLOGY series OXI/C, composed of modular rings vertical axis tanks to be sealed on site respectively for biological oxidation and final sedimentation, complete with outlets for the incoming and outgoing sewage, concrete inspection manholes, self-cleaning membrane diffusers electrical control and protection panel and all the electromechanical devices needed to guarantee a correct functioning.



OXI/C series total oxidation with modular rings for discharge in surface water - leg decree n. 152 dated 03/04/06

DESCRIPTION	MEASURE UNIT	MODEL													
		OXI/C 15	OXI/C 20	OXI/C 30	OXI/C 40	OXI/C 50	OXI/C 60	OXI/C 80	OXI/C 100	OXI/C 125	OXI/C 150	OXI/C 175	OXI/C 200	OXI/C 225	OXI/C 250
Equivalent people	n.	15	20	30	40	50	60	80	100	125	150	175	200	225	250
Daily flow	mc/g	2,25	3,00	4,50	6,00	7,50	9,00	12,00	15,00	18,75	22,50	26,25	30,00	33,75	37,5
Organic load (BOD)	Kg/g	0,90	1,20	1,80	2,40	3,00	3,60	4,80	6,00	7,50	9,00	10,50	12,00	13,50	15
Installed power	kW	0,55	0,55	1,10	1,10	1,10	1,10	2,20	1,50	2,20	2,20	3,00	3,00	4,00	4,00
Air diffusers	n.	2	2	4	4	4	4	6	8	8	8	12	12	12	12
Screening	width	cm	50	50	50	50	50	50	50	80	80	80	80	80	80
	height	cm	66	66	66	66	66	66	66	96	96	96	96	96	96
Oxidation	width	cm	150	150	200	200	200	200	300	300	300	300	300	300	300
	height	cm	168	218	229	229	329	379	429	260	335	410	410	485	485
Sediment.	width	cm	100	100	100	100	100	125	150	150	200	200	200	200	200
	height	cm	108	108	162	212	262	262	262	218	268	229	229	279	279
Inlet height	cm	-20	-20	-20	-20	-20	-20	-20	-20	-25	-25	-25	-25	-25	-25
Outlet height	cm	-35	-40	-40	-40	-40	-45	-45	-45	-45	-45	-45	-45	-45	-45
Weight	q.li	30	35	45	55	58	75	85	135	165	175	175	210	210	230

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