

BIOLOGICAL | COMPLETE PLANTS

TOTAL OXIDATION WWTP DIRECT INLET IOT



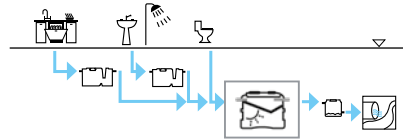
KEY

- ① Inlet pipe
- ② Active sludge oxidation chamber
- ③ Air diffuser
- ④ Secondary sedimentation
- ⑤ Clarified sludge upwelling
- ⑥ Compressor - air blower
- ⑦ Outlet pipe
- ⑧ Reinforced lid (with caps and vent)

WHERE TO USE IT



INSTALLATION SCHEME


















FUNCTION AND USE

The total oxidation plant is a product that has the function of treating in a complete way the wastewater through the biological removal of organic substances and ensuring a secondary sedimentation. Aerobic digestion of organic substances takes place in it thanks to aerobic flora suspended through air insufflation and subsequent clarification in the settling area. The total oxidation plant is used for the direct treatment (with a high inflow charge) of wastewater from residential buildings or similar wastewater.

STANDARDS AND CERTIFICATIONS

EN 12566-3

TECHNICAL TABLE - PRICE LIST

icon	model	volume liters	P.E. n.	Le x W x h cm	he / hu cm	Ø pipe in/out mm	caps Ø cm		
							20	40	60
							n.		
	IOT C 800 T3	840	2	130 x 130 x 97	78 / 76	125	1	1	-
	IOT C 1200 T3	1.180	3	130 x 130 x 128	108 / 106	125	1	1	-
	IOT C 1600 T3	1.680	4	130 x 130 x 172	153 / 151	125	1	1	-
	IOT C 2000 T3	1.920	5	130 x 130 x 194	175 / 173	125	1	1	-
	IOT CX 2100 T3	2.100	6	150 x 150 x 160	137 / 135	125	1	1	-
	IOT CX 2600 T3	2.600	7	150 x 150 x 182	159 / 157	125	1	1	-
	IOT CS 3000 T3	3.020	8	165 x 165 x 173	155 / 152	160	1	1	-
	IOT CS 3500 T3	3.500	9	165 x 165 x 196	175 / 172	160	1	1	-
	IOT CS 4000 T3	4.000	10	195 x 195 x 157	130 / 127	160	-	2	-
	IOT CS 4500 T3	4.500	12	195 x 195 x 178	153 / 150	160	-	2	-
	IOT CS 5100 T3	5.100	13	195 x 195 x 199	172 / 169	160	-	2	-
	IOT CR 5600 T3	5.600	14	230 x 230 x 188	155 / 153	160	-	2	-
	IOT CR 7000 T3	7.000	18	230 x 230 x 218	181 / 179	160	-	2	-
	IOT MM 8500 T3	7.990	22	415 x 176 x 186	157 / 154	160	-	-	2
	IOT MM 10000 T3	8.800	25	445 x 176 x 186	157 / 154	160	-	2	2

* command electric panel **excluded**