

WWTP BY LOW-LOAD ACTIVATED SLUDGE (EXTENDED AERATION) WITH INVERTED CONICAL SETTLING TANK

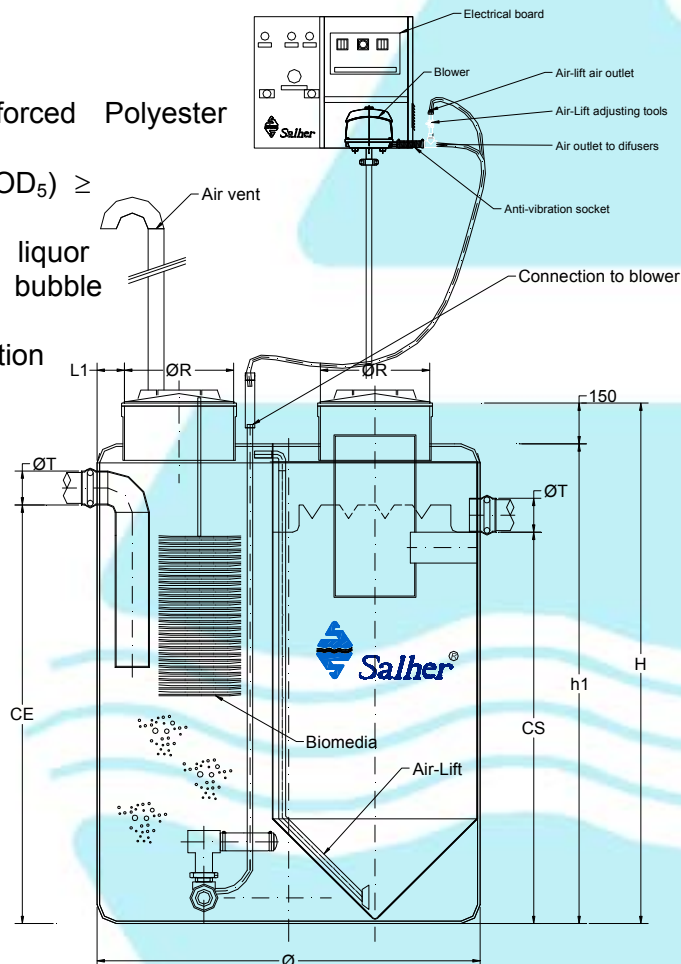
REF: CVC – OXI-DEP - TC

Application:

- Organic matter removal (BOD₅).

Characteristics:

- Salher brand, model CVC-OXIDEP-TC.
- Manufactured in Glass Fiber Reinforced Polyester (GFRP).
- Organic matter removal efficiency (BOD₅) ≥ 95%.
- Oxygen feeding and mixed liquor homogenization via blower and fine bubble diffusers grid in EPDM.
- Fixed plastic matter for biomass fixation and growth.
- Activated sludge return system.
- Incorporated conical settling tank with a central supply and Thompson canal.
- PVC inlet and outlet pipes.
- Access via manholes with PP cover.
- Outlet in the manhole to install a ventilation pipe.



PE	CAPACITY [liters]	Ø [mm]	H [mm]	INLET [mm]	OUTLET [mm]	Ø PIPES [mm]	Blower (W) II	Noise Level (dB)	DIFFUSERS
≤ 10	3.100	1.400	2.175	1.800	1.700	125	100	39	2DBF500
20	6.300	2.000	2.175	1.800	1.700	125	150	44	3DBF500
30	9.600	2.250	2.575	2.200	2.100	125	150	44	3DBF500
40	11.900	2.500	2.575	2.200	2.100	125	200	45	4DBF500
50	13.800	2.500	2.975	2.600	2.500	125	200	45	4DBF500

PANEL BOARD FOR CVC-OXIDEP-TC

Characteristics:

- Panel board with dimensions 500 x 400 x 300 mm compartment for the blower(s).
- Indicator lights.
- On-Off-Automatic mode switch.
- Thermal protectors and timer for blower control.
- Air vent grate for the blower.
- Aeration tube outlet with regulating valve for the Air-Lift and an anti-vibration sleeve.



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PANEL BOARD

50 HZ 220V

PANEL BOARD

60 HZ 220V

PANEL BOARD

50 HZ 120 V (WITH 120-220V TRANSFORMER)