

ISS 6 to 20 E.I.

Aerobic Biological Filter – secondary treatment



Polyethylene

Wastewater treatment with sludge regulation system

❖ APPLICATION

Tank system with anaerobic and aerobic treatment and with special trickling filters with large active surface that help aggregate the attached biomass of the wastewater. Biological treatment is carried with the help of oxygen.

❖ Equivalent Inhabitants

E.I. 6 to 20

❖ ADVANTAGES

- ✓ According to EN 12566-3
- ✓ CE certified
- ✓ Lightweight, easy to transfer



TECHNICAL DATA

- ❖ Made from H.D polyethylene
- ❖ Biomass activation with the help of trickling filters
- ❖ Secondary wastewater treatment
- ❖ Access covers Ø 200mm to Ø 400mm (depending on the model)

OPERATION

- ❖ Wastewater cleaning effectiveness is 85% (BOD5)
- ❖ Aeration through air pump
- ❖ Includes sludge recirculation system

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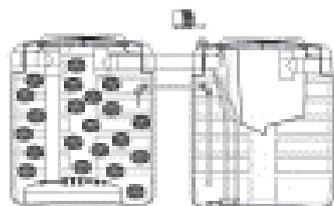
Polyethylene

DIMENSIONING

CODE	E.I.	Volume (L)	L (mm)	W (mm)	H (mm)	DN (mm)	Inlet height he	Outlet height hu	Covers
ISS C 1680 RI	6	1.680	3.100	1.300	970	125	780	760	4
ISS C 2020 RI	8	2.020	3.100	1.300	1.280	125	1.080	1.060	4
ISS C 2360 RI	9	2.360	3.100	1.300	1.280	125	1.080	1.060	4
ISS C 2860 RI	11	2.860	3.100	1.300	1.720	125	1.530	1.510	4
ISS C 3360 RI	13	3.360	3.100	1.300	1.720	125	1.530	1.510	4
ISS C 3600 RI	14	3.600	3.100	1.300	1.940	125	1.750	1.730	4
ISS C 3840 RI	15	3.840	3.100	1.300	1.940	125	1.750	1.730	4
ISS CX 4020 RI	16	4.020	3.300	1.500	1.600	125	1.370	1.350	4
ISS CX 4700 RI	18	4.700	3.500	1.500	1.820	125	1.590	1.570	4
ISS CX 5200 RI	20	5.200	3.500	1.500	1.820	125	1.590	1.570	4

INSTALLATION

See manual



MAINTENANCE:

Sludge removal at least once per year.

Power source required.