

CarBiLoop water recycling plants are compact, prefabricated units that treat the wastewater generated by Car-wash plants. The treated water can be safely recycled and reused by the carwash for countless number of cars. CarBiLoop design is based on an advance biological treatment process the Moving Bed Biofilm Reactor (MBBR™) which is ultimate solution for treating heavily polluted wastewater.

CarBiLoop CAR WASH WATER RECYCLING UNITS



Disclaimer: The information contained on this data sheet is intended for general information only and should not be considered to be complete or definitive. S.K. Euromarket Ltd reserves the right to make changes at any time, without notice, to any element of the equipment presented.

KEY FEATURES

- Biological treatment process environmentally friendly
- Removal of particulate and dissolve organic pollutants
- Compact skid-mounted construction
- Fully automatic operation
- Fully automatic operation

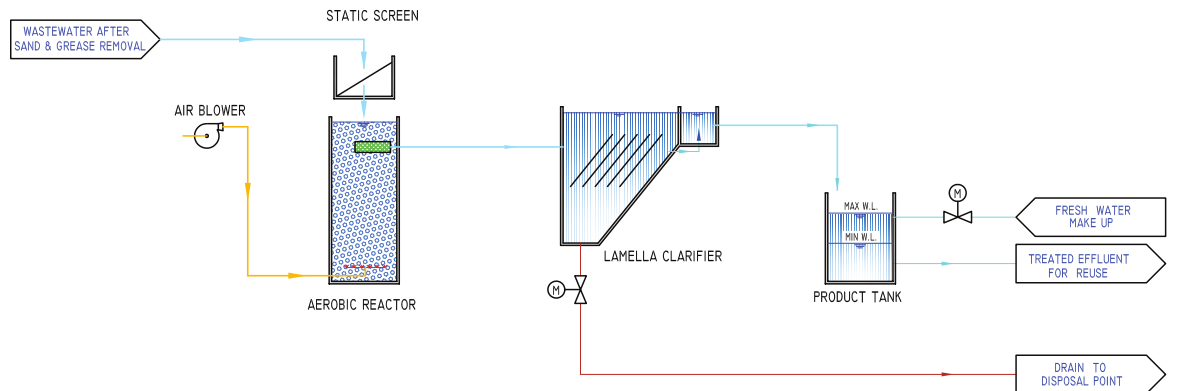
BENEFITS

- Small footprint
- Simple and fast installation
- Up to 90% water recovery
- Excellent effluent quality (96% reduction of organic load and suspended)
- No need for expensive consumables (material, filters cartridge, filter media)
- Low operation and maintenance cost
- Odourless effluent
- Bacteria-free effluent that can safely be recycle and reused by the carwash facilities
- Robust on load variation

TECHNICAL INFORMATION

	CarBiLoop-1	CarBiLoop-3	CarBiLoop-5	CarBiLoop-10
Hourly flow (m ³ /h)	1	3	5	10
Dimensions (m)	1.9 (L) x 0.8 (W) x 2.5 (H)	2.6 (L) x 1.4 (W) x 2.5 (H)	3.0 (L) x 1.5 (W) x 3.0 (H)	5.9 (L) x 1.5 (W) x 3.0 (H)
Installed power (Kw)	0.5	0.75	1.5	2.2
Construction material	AISI 304	AISI 304	AISI 304	AISI304

• Robust • Effective • Efficient • Economic



CarBiLoop process stage: (flow chart)

- Primary Sedimentation, grease and grit removal
- Biodegradation of organic pollutants
- Post sedimentation

For further details please request the technical specifications and drawings

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