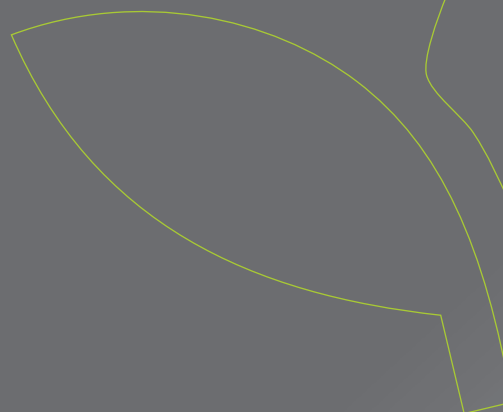




ecodepur[®]
tecnologias de protecção ambiental


grupohenriques



WASTEWATER TREATMENT PLANT ECODEPUR[®] **PACKAGE PLANT MBBR OXYBIO[®]**

[Quality, Innovation, Performance!]





W.W.T.P. Package Plant MBBR OXYBIO[®]

The **MBBR technology** constitutes a State-of-the-art technology in the field of sanitary and environmental engineering, currently being widely tested and validated. Incorporates the main benefits of the two most publicized treatment techniques: activated sludge and trickling filters.

Constitutes a biological treatment process for continuous flow that incorporates synthetic biofilm carriers in suspension in the mixed liquor, which allows higher biomass density per volume of reactor, conducting to more compact and reliable treatment units, as well as better performance.

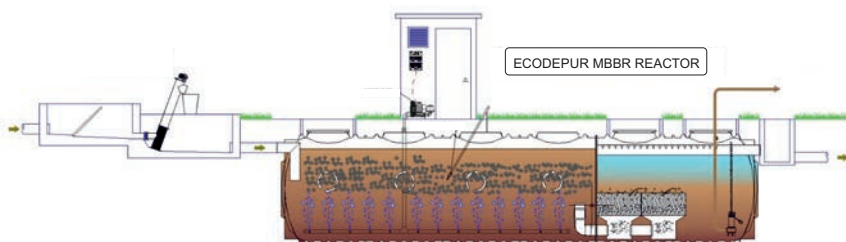
The **MBBR technology** is very versatile, and allows the upgrade of the system, by raising the treatment capacity, this is possible by adding more fillers to the reactor (till a 2/3 capacity limit).

FEATURES

- Hibrid Technology of Activated Sludge and Trickling Filters;
- Less Surface and Volume occupied when compared with traditional treatment systems Compact and Underground Solution;
- Watertight;
- Easy and Fast to install;
- High mechanical resistance and corrosion protection;
- Simple functioning (automatic) and low maintenance;
- Aeration and mixing secured by a only component in high performance conditions;
- Aerations controlled by a Dissolved Oxygen Probe;
- Easy UP GRADE.

APPLICATIONS

- Small population clusters;
- Condominiums;
- Tourist complexes;
- Service Stations;
- Restaurants;
- Construction sites;
- Schools;
- Athletic complexes;
- Campings;
- Military facilities;
- Petroleum and gas exploration field;
- Component maid of wastewater produced in industrial unities, among others.



Model	Total Volume (m ³)	Dimensions (ØxLxH)
MBBR OXYBIO [®] 20.CE	20	2.190 x 6.520 x 2.265
MBBR OXYBIO [®] 25.CE	25	2.190 x 8.060 x 2.265
MBBR OXYBIO [®] 30.CE	30	2.190 x 9.600 x 2.265
MBBR OXYBIO [®] 35.CE	35	2.190 x 11.140 x 2.265
MBBR OXYBIO [®] 40.CE	40	2.190 x 12.680 x 2.265
MBBR OXYBIO [®] 50.CE	50	2.980 x 8.420 x 3.050
MBBR OXYBIO [®] 60.CE	60	2.980 x 9.990 x 3.050
MBBR OXYBIO [®] 70.CE	70	2.980 x 11.560 x 3.050
MBBR OXYBIO [®] 80.CE	80	2.980 x 13.130 x 3.050
MBBR OXYBIO [®] 90.CE	90	2.980 x 14.700 x 3.050
MBBR OXYBIO [®] 100.CE	100	2.980 x 16.270 x 3.050
MBBR OXYBIO [®] 110.CE	110	2.980 x 17.840 x 3.050
MBBR OXYBIO [®] 120.CE	120	2.980 x 19.410 x 3.050

Legend

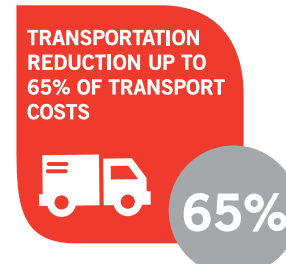
L - Length | H - Height | Ø - Diameter

The dimensions (in mm) are given as an indication and can be changed without notice. For further information contact our technical service / business.

INSTALLATION



TRANSPORTATION



THE TREATMENT CAPACITY CAN BE INCREASED UP TO 80% MORE, JUST WITH THE ADDITION OF SYNTHETIC BIOFILM SUPPORT OXYBIO[®]-GS

80%