

Extended Aeration Activated Sludge Treatment Plants

3 Primary Sedimentation, Denitrification

| PRIMARY SEDIMENTATION (Imhoff tank) | | | | | | | | | DENITRIFICATION | | | | | | |
|--|-------------------------------|-----------------|-----------------|-------------|--------------|--------------|--|---|-----------------|-------------|--------------|--------------|----------------|--|---|
| Code | P.E. Population equivalent | | | Width cm | Length cm | Height cm | Weight 100 kg | | Code | Width cm | Length cm | Height cm | KW Install. | Weight 100 kg | |
| | Water allocation per P.E. | | | | | | pedestrian cover 200 kg/m ² | vehicle cover 7,000 kg/m ² | | | | | | pedestrian cover 200 kg/m ² | vehicle cover 7,000 kg/m ² |
| | l/inhab. 160 | l/inhab. 200 | l/inhab. 250 | | | | | | | | | | | | |
| MBF-01 | 15 | 12 | 10 | 100 | 160 | 260/270 | 42 | 46 | MBD-01 | / | / | / | / | / | / |
| MBF-02 | 30 | 25 | 20 | 100 | 160 | 260/270 | 42 | 46 | MBD-02 | / | / | / | / | / | / |
| MBF-03 | 50 | 40 | 30 | 140 | 160 | 260/270 | 50 | 55 | MBD-03 | / | / | / | / | / | / |
| MBF-04 | 75 | 60 | 50 | 160 | 180 | 260/270 | 60 | 67 | MBD-04 | 140 | 160 | 260/270 | 1.00 | 50 | 55 |
| MBF-05 | 100 | 80 | 65 | 160 | 250 | 260/270 | 74 | 83 | MBD-05 | 160 | 180 | 260/270 | 1,00 | 60 | 67 |
| MBF-06 | 125 | 100 | 80 | 160 | 290 | 260/270 | 81 | 91 | MBD-06 | 160 | 250 | 260/270 | 1,00 | 74 | 83 |
| MBF-07 | 150 | 120 | 100 | 200 | 250 | 260/270 | 83 | 94 | MBD-07 | 160 | 290 | 260/270 | 1,00 | 81 | 91 |
| MBF-08 | 200 | 160 | 130 | 250 | 250 | 260/270 | 96 | 110 | MBD-08 | 200 | 250 | 260/270 | 1,00 | 83 | 94 |
| MBF-09 | 250 | 200 | 160 | 250 | 325 | 260/270 | 122 | 141 | MBD-09 | 250 | 250 | 260/270 | 1,00 | 95 | 109 |
| MBF-10 | 300 | 250 | 200 | 250 | 400 | 260/270 | 145 | 168 | MBD-10 | 250 | 325 | 260/270 | 1,00 | 120 | 139 |
| MBF-11 | 350 | 300 | 250 | 250 | 550 | 260/270 | 191 | 223 | MBD-11 | 250 | 400 | 260/270 | 1,00 | 143 | 166 |
| MBF-12 | 400 | 350 | 300 | 250 | 650 | 260/270 | 221 | 259 | MBD-12 | 250 | 450 | 260/270 | 1,00 | 159 | 185 |

Please contact our Sales Office if you require larger treatment plants.

The pedestrian covers are fitted with class B125 cast iron or galvanised steel sheet inspection covers.

The vehicle covers are fitted with class C250/D400 cast iron inspection covers.

The foundation slab must be at least 20 cm thick and be reinforced with a double electrically welded steel mesh, 8 mm diameter, 20x20 cm mesh.

A 3-5 cm layer of sand must be laid on the foundation slab where the prefabricated elements will be placed.

All dimensions of the prefabricated elements are indicative.

Gazebo S.p.A. allows a tolerance of a few centimetres.