

## Extended Aeration Activated Sludge Treatment Plants

### 4 Sludge Accumulation, Disinfection

SLUDGE ACCUMULATION									DISINFECTION						
Code	P.E. Population equivalent			Width cm	Length cm	Height cm	Weight 100 kg		Code	Width cm	Length cm	Height cm	kw. inst	Weight 100 kg	
	Water allocation per P.E.						pedestrian cover 200 kg/m <sup>2</sup>	vehicle cover 7,000 kg/m <sup>2</sup>						pedestrian cover 200 kg/m <sup>2</sup>	vehicle cover 7,000 kg/m <sup>2</sup>
	l/inhab. 160	l/inhab. 200	l/inhab. 250												
MBA-01	15	12	10	/	/	/	/	/	MBC-01	100	160	260/270	0,10	44	48
MBA-02	30	25	20	/	/	/	/	/	MBC-02	100	160	260/270	0,10	44	48
MBA-03	50	40	30	/	/	/	/	/	MBC-03	100	160	260/270	0,10	44	48
MBA-04	75	60	50	/	/	/	/	/	MBC-04	100	160	260/270	0,10	44	48
MBA-05	100	80	65	/	/	/	/	/	MBC-05	100	160	260/270	0,10	44	48
MBA-06	125	100	80	160	250	260/270	74	83	MBC-06	100	160	260/270	0,10	44	48
MBA-07	150	120	100	160	290	260/270	81	91	MBC-07	100	160	260/270	0,10	44	48
MBA-08	200	160	130	200	250	260/270	83	94	MBC-08	100	160	260/270	0,10	44	48
MBA-09	250	200	160	250	250	260/270	95	109	MBC-09	100	160	260/270	0,10	44	48
MBA-10	300	250	200	250	325	260/270	120	139	MBC-10	100	160	260/270	0,10	44	48
MBA-11	350	300	250	250	400	260/270	143	166	MBC-11	140	160	260/270	0,10	52	57
MBA-12	400	350	300	250	450	260/270	159	185	MBC-12	160	180	260/270	0,10	62	70

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.