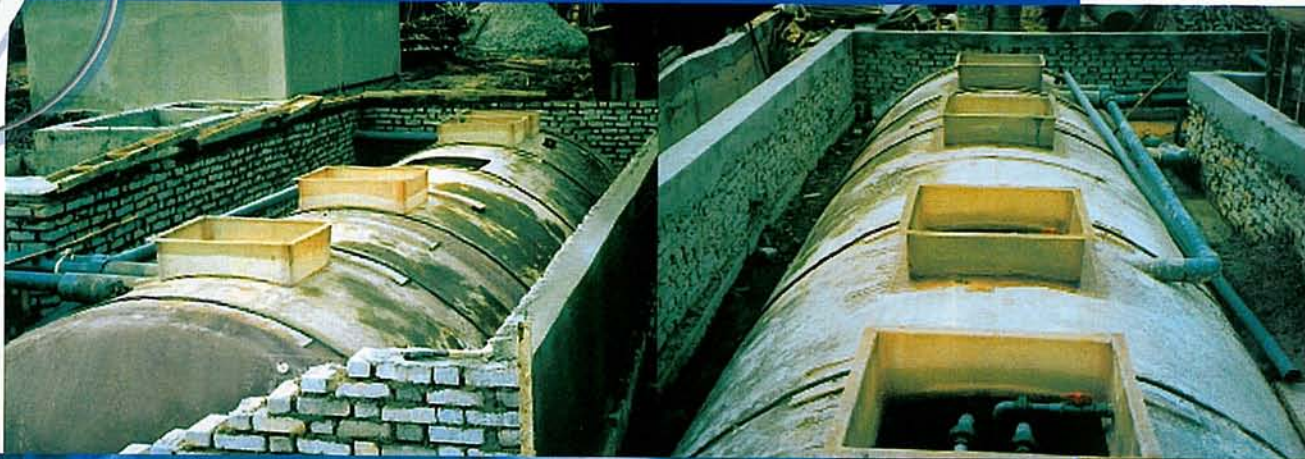


Durable. MADE TO LAST.



MF-BioEA *system*

Product Approved By:
Jabatan Perkhidmatan Pembetungan (JPP)
[File No: KPKT/JPP(03)/7/347(19)]

ADVANTAGES OF MF-BioEA SYSTEM (prefabricated wastewater treatment plant)

- ▶ Based on modern technology of extended aeration sludge principle.
- ▶ Highly suitable for developmental project that serves a population from 50 PE to 2,000 PE.
- ▶ Made from prefabricated fiberglass reinforced plastic (FRP) that are of superior quality yet at competitive pricing.
- ▶ High BOD and SS removal efficiencies in "Standard A" effluent limits.
- ▶ Comes in pre-determined system which allows simple planning designs and installations.
- ▶ Equip with scum skimmers in clarifier tank.
- ▶ Has low space requirements.
- ▶ Easy to transport.
- ▶ Simple to install.
- ▶ Versatile in operation.
- ▶ Requires low maintenance.
- ▶ Proven effective and specially design to meet the highest standards and guidelines.
- ▶ Suitable for development as follow:-
 - Residential;
 - Commercial includes shopping complex, offices, restaurants, entertainment centres, cafeteria, theatres;
 - Schools/ Educational Institutions;
 - Hospitals;
 - Hotels or Resorts;
 - Factories;
 - etc.



Pre-Fabricated Tank Module Configuration Combination of "MF-BioEA" Package Sewage Treatment System For 50-2,000 P.E.

System	P.E.	EQUALIZATION TANK MODULE				(SLUDGE HOLDING TANK + AERATION TANK) MODULE				CLARIFIER TANK MODULE			
		Model	Unit	Length L (m)	Diameter D (m)	Model	Total Length L (m) (SHT + AT)	Diameter D (m)	Unit	Model	Unit	Total Height H (m)	Diameter D (m)
MF50EA	50	-	-	-	-	SA23-1025	(1.0 + 2.5)	2.30	1	C3-05	1	3.192	3.0
MF60EA	60	-	-	-	-	SA23-1030	(1.0 + 3.0)	2.30	1	C3-05	1	3.192	3.0
MF70EA	70	-	-	-	-	SA23-1035	(1.0 + 3.5)	2.30	1	C3-05	1	3.192	3.0
MF80EA	80	-	-	-	-	SA23-1540	(1.5 + 4.0)	2.30	1	C3-05	1	3.192	3.0
MF90EA	90	-	-	-	-	SA23-1545	(1.5 + 4.5)	2.30	1	C3-10	1	3.692	3.0
MF100EA	100	-	-	-	-	SA23-1545	(1.5 + 4.5)	2.30	1	C3-10	1	3.692	3.0
MF125EA	125	-	-	-	-	SA30-1030	(1.0 + 3.0)	3.00	1	C3-15	1	4.192	3.0
MF150EA	150	-	-	-	-	SA30-1040	(1.0 + 4.0)	3.00	1	C3-15	1	4.192	3.0
MF175EA	175	-	-	-	-	SA30-1545	(1.5 + 4.5)	3.00	1	C4-05	1	4.268	4.0
MF200EA	200	-	-	-	-	SA30-1550	(1.5 + 5.0)	3.00	1	C4-10	1	4.768	4.0
MF225EA	225	-	-	-	-	SA30-2060	(2.0 + 6.0)	3.00	1	C4-10	1	4.768	4.0
MF250EA	250	E3-25	1	2.5	3.0	SA40-1035	(1.0 + 3.5)	4.00	1	C3-05	1	3.192	3.0
MF275EA	275	E3-30	1	3.0	3.0	SA40-1035	(1.0 + 3.5)	4.00	1	C3-05	1	3.192	3.0
MF300EA	300	E3-30	1	3.0	3.0	SA40-1040	(1.0 + 4.0)	4.00	1	C3-05	1	3.192	3.0
MF350EA	350	E3-35	1	3.5	3.0	SA40-1550	(1.5 + 5.0)	4.00	1	C4-05	1	4.268	4.0
MF400EA	400	E3-40	1	4.0	3.0	SA40-1555	(1.5 + 5.5)	4.00	1	C4-05	1	4.268	4.0
MF450EA	450	E3-45	1	4.5	3.0	SA40-2060	(2.0 + 6.0)	4.00	1	C4-05	1	4.268	4.0
MF500EA	500	E3-50	1	5.0	3.0	SA40-2070	(2.0 + 7.0)	4.00	1	C4-05	1	4.268	4.0
MF550EA	550	E3-55	1	5.5	3.0	SA40-2575	(2.5 + 7.5)	4.00	1	C4-05	1	4.268	4.0
MF600EA	600	E3-60	1	6.0	3.0	SA40-2585	(2.5 + 8.5)	4.00	1	C4-05	1	4.268	4.0
MF650EA	650	E3-65	1	6.5	3.0	SA40-1545	(1.5 + 4.5)	4.00	2	C3-05	2	3.192	3.0
MF700EA	700	E3-70	1	7.0	3.0	SA40-1550	(1.5 + 5.0)	4.00	2	C3-05	2	3.192	3.0
MF750EA	750	E3-75	1	7.5	3.0	SA40-1550	(1.5 + 5.0)	4.00	2	C3-05	2	3.192	3.0
MF800EA	800	E3-80	1	8.0	3.0	SA40-1555	(1.5 + 5.5)	4.00	2	C4-05	2	4.268	4.0
MF850EA	850	E3-85	1	8.5	3.0	SA40-2060	(2.0 + 6.0)	4.00	2	C4-05	2	4.268	4.0
MF900EA	900	E4-45	1	4.5	4.0	SA40-2060	(2.0 + 6.0)	4.00	2	C4-05	2	4.268	4.0
MF950EA	950	E4-45	1	4.5	4.0	SA40-2065	(2.0 + 6.5)	4.00	2	C4-05	2	4.268	4.0
MF1000EA	1000	E4-50	1	5.0	4.0	SA40-2070	(2.0 + 7.0)	4.00	2	C4-05	2	4.268	4.0
MF1100EA	1100	E4-55	1	5.5	4.0	SA40-2575	(2.5 + 7.5)	4.00	2	C4-05	2	4.268	4.0
MF1200EA	1200	E4-60	1	6.0	4.0	SA40-2585	(2.5 + 8.5)	4.00	2	C4-05	2	4.268	4.0
MF1300EA	1300	E4-65	1	6.5	4.0	SA40-2060	(2.0 + 6.0)	4.00	3	C4-05	3	4.268	4.0
MF1400EA	1400	E4-70	1	7.0	4.0	SA40-2065	(2.0 + 6.5)	4.00	3	C4-05	3	4.268	4.0
MF1500EA	1500	E4-75	1	7.5	4.0	SA40-2070	(2.0 + 7.0)	4.00	3	C4-05	3	4.268	4.0
MF1600EA	1600	E4-80	1	8.0	4.0	SA40-2575	(2.5 + 7.5)	4.00	3	C4-05	3	4.268	4.0
MF1700EA	1700	E4-85	1	8.5	4.0	SA40-2580	(2.5 + 8.0)	4.00	3	C4-05	3	4.268	4.0
MF1800EA	1800	E4-90	1	9.0	4.0	SA40-2585	(2.5 + 8.5)	4.00	3	C4-05	3	4.268	4.0
MF1900EA	1900	E4-90	1	9.0	4.0	SA40-3090	(3.0 + 9.0)	4.00	3	C4-05	3	4.268	4.0
MF2000EA	2000	E4-95	1	9.5	4.0	SA40-3095	(3.0 + 9.5)	4.00	3	C4-05	3	4.268	4.0