

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

SEWAGE TREATMENT PLANT

WCMBR-50(U) Type Sewage Treatment Plant

ISO9001 Supplier

Class Certificate

Export Supply

Description: WCMBR-X(U) Type Sewage Treatment Plant adopts the principle of sequence-membrane to treat the pollutant. Sewage first enters into the buffer tank to adopt the biochemical treatment. Meantime the tank c...



Key Highlights

Category	Sewage Treatment Plant
Standard	DIN
Weight / Size	AC440V/50HZ Power (kw) 5 5 5 5 5 5 6 10 10 10 11 12 14 14 Outline dimens...
Certificate	CCS GL BV ABS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications			
Category	Sewage Treatment Plant	Model / SKU	WCMBR-50-U-Type-Sewage-Treatment-Plant
Standard	DIN	Weight / Size	AC440V/50HZ Power (kw) 5 5 5 5 5 5 6 10 10 10 11 12 14 14 Outline dimension 1750x 1400x 1600 2000x 1400x 1600 2000x 1600x 1700 2100 x1900 x1750 2100 x1900 x1850 2450x 1900x 1750 2600x 2100x 2035 2900x 2100x 2050 3000x 2300x 2100 3500x 2300x 2100 3650x 2950x 2300 3850x 3250x 2164 5000x 2900x 2450 5500x 3200x 2460 Dry weight(kg) 1200 1250 1420 1800 2000 2100 2550 3800 4350 4800 5000 6500 6950 7500 Wet weight(kg) 2000 2600 3370 4000 5100 5700 7500 9540 11000 12900 16200 19600 22500 27150 Effluent quality TTS≤35mg/l,BOD5≤25mg/l , COD≤125mg/l , Thermotolerant coliform≤100/100mg, PH6-8.5, Resdual Chlorine Cl2 < 0.5mg/l
Certificate	CCS GL BV ABS	Warranty	12 Months unless specified otherwise
Origin	China		

CONTENTS

- Description:
- Character:
- Technical data:

Description:

WCMBR-X(U) Type Sewage Treatment Plant adopts the principle of sequence-membrane to treat the pollutant. Sewage first enters into the buffer tank to adopt the biochemical treatment. Meantime the tank can contain the sewage peak load. When the liquid in the tank reaches the starting-level, the sewage is transferred into the sequence tank with soft stuffing, and treated with the way of sequence biological contacted oxidization treatment. Then the treated sewage is transferred into the clean water tank. When the liquid reaches the certain level, the clean water is transferred into the membrane assembly or discharged directly. The permeated effluent should be discharged to overboard after ozone disinfection or UV disinfection. The quality of the effluent meets with the requirements of IMO MEPC159(55) resolution. For this product, we have gained CCS type approval certificate, IMO certificate, USCG、ABS and EC certificate.

Character:

- 1 adopts sidestream membrane for more convenient change and maintenance;
- 2 adopts various measures to prolong thse service life of the membrane;

3 adopts the buffer tank and dormancy to meet with the requirement of peak load;

4 adopts the ozone disinfection or UV disinfection, avoids secondary pollution, decolors well;

5 adopts the PLC controlling procedure for more convenient operation and maintenance;

6 adopts sequencing batch reactors (SBR), the rate of sludge loading is high, the treatment is more effective, the quality of discharged sludge is less;

7 sets the automatic dormancy procedure to be acceptable the condition of zero loading sewage;

8 sets various treatment manners to meet with the requirements of different sea areas;

9 The plant can be used for treating vacuum collected condensate sewage, for hydraulic load is small, membrane is even more applicable.

Technical data:

Type	WCMBR-													
	10(U)	20(U)	30(U)	40(U)	50(U)	60(U)	80(U)	100(U)	120(U)	150(U)	200(U)	250(U)	300(U)	400(U)
Rated persons	10	20	30	40	50	60	80	100	120	150	200	250	300	400
Hydraulic Load	0.84	1.54	2.31	3.08	3.78	4.48	6.02	7.7	9.1	11.2	14.7	18.2	23.1	30.8
Organic Load	0.42	0.77	1.155	1.54	1.89	2.24	3.01	3.85	4.55	5.6	7.35	9.1	11.55	15.4
Power	AC380V/50HZ. AC415V/50V. AC440V/50HZ													
Power (kw)	5	5	5	5	5	5	6	10	10	10	11	12	14	14
Outline dimension	1750 x 1400 x 1600	2000 x 1400 x 1600	2000 x 1600 x 1700	2100 x190 0 x175 0	2100 x190 0 x185 0	2450 x 1900 x 1750	2600 x 2100 x 2035	2900 x 2100 x 2050	3000 x 2300 x 2100	3500 x 2300 x 2100	3650 x 2950 x 2300	3850 x 3250 x 2164	5000 x 2900 x 2450	5500 x 3200 x 2460
Dry weight(kg)	1200	1250	1420	1800	2000	2100	2550	3800	4350	4800	5000	6500	6950	7500
Wet weight(kg)	2000	2600	3370	4000	5100	5700	7500	9540	11000	12900	16200	19600	22500	27150
Effluent quality	TTS≤35mg/l, BOD5≤25mg/l, COD≤125mg/l, Thermotolerant coliform≤100/100mg, PH6-8.5, Residual Chlorine Cl2 < 0.5mg/l													