SEWAGE TREATMENT PLANT

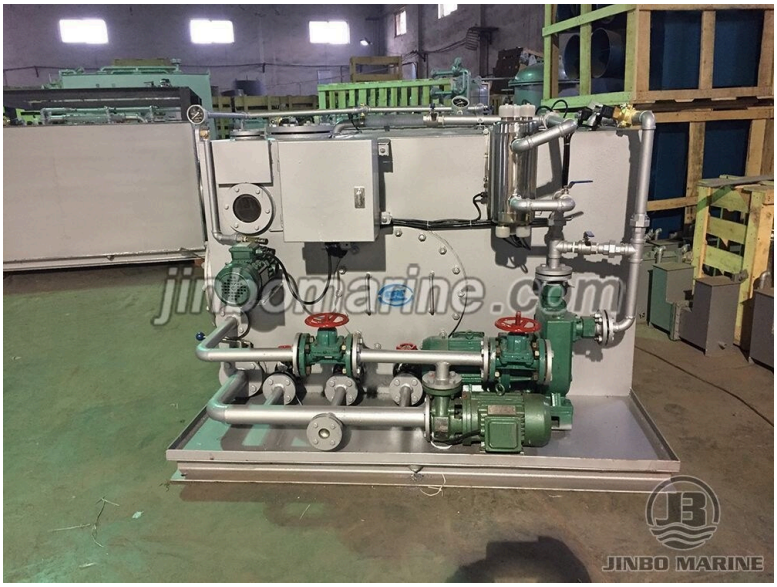
WCMBR-80 Marine Sewage Treatment Plant for Small Space

ISO9001 Supplier

Class Certificate

Export Supply

Description: This model is very suitable for ships with narrow space height, compact structure, easy installation, suitable for small space engine room ships. It combined biodegradation,membrane bio...



Key Highlights

Category	Sewage Treatment Plant
Standard	EN
Weight / Size	Model WCMBR6 WCMBR10 WCMBR15 WCMBR20 WCMBR25 WCMBR30 WCMBR40 WCMBR50 WCM...
Certificate	CCS

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

Technical Specifications			
Category	Sewage Treatment Plant	**Model / SKU**	WCMBR-80-Marine-Sewage-Treatment-Plant-for-Small-Space
Standard	EN	**Weight / Size**	Model WCMBR6 WCMBR10 WCMBR15 WCMBR20 WCMBR25 WCMBR30 WCMBR40 WCMBR50 WCMBR60 People allowed 6 10 15 20 25 30 40 50 60 Hydraulic Load 490 840 1190 1540 1890 2240 3080 3780 4480 L/d Peak Load L/h 62 105 149 193 237 280 385 470 560 Average Load L/d 20.5 33.8 49.6 64.2 78.8 93.4 128.4 157.5 186.7 Organic kg/d 0.245 0.42 0.595 0.77 0.945 1.12 1.54 1.89 2.24 Power Supply AC380V/50Hz Control Model Manual or Automatic Quality of TSS<35mg/l BOD5<25mg/l Coliform<100/100ml Phvalue:6-8.5 effluent Dry weight(kg) 950 1100 1200 1250 1300 1400 1550 1800 2000 6536 6536 6536 6536 6536 6536 6536 6536 6536 6536 6536 Model WCMBR WCMBR WCMBR WCMBR WCMBR WCMBR WCMBR WCMBR WCMBR 80 100 150 200 250 300 400 500 600 People allowed 80 100 150 200 250 300 400 500 600 Hydraulic Load 5880 7410 10920 14640 18240 21700 30800 38500 46200 L/d Peak Load L/h 735 928 1366 1830 2280 2712 3850 4813 5775 Average Load L/d 245 308.8 455 610 760 904.2 1283.4 1604.2 1925 Organic kg/d 2.94 3.71 5.46 7.35 9.1 10.9 15.4 19.25 23.1 Power Supply AC380V/50Hz Control Model Manual or Automatic Quality of TSS<35mg/l BOD5<25mg/l Coliform<100/100ml Phvalue:6-8.5 effluent Dry weight(kg) 2200 2950 3850 4100 5050 6050 6950 7980 8995 Wet weight(kg) 8150 10450 14730 18380 22100 28222 41316 59529 77323

Certificate	CCS	**Warranty**	12 Months unless specified otherwise
Origin	China		

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Description:



This model is very suitable for ships with narrow space height, compact structure, easy installation, suitable for small space engine room ships.

It combined biodegradation,membrane bioreactor filter,physical disinfection methods to treat the marine sewage from toilet,gallery and bathroom.

Due to adopt sequence batch reator(SBR),UV disinfection,and membrane bioreactor filter(MBR) technique. The equipment can change the growing environment of activated sludge by time sequencing and realize the aerobic,anaerobic mode,it can reduce the BOD,COD index rapidly and efficiently, and also has good denitrification and dephosphorization effects.Then achieve a super biochemical treatment performance. The equipment can also adapt to the vacuum system with higher concentration of sewage. It has good impact resistance of stream and organic dirt,compact conformatioin,and avert the secondary pollution. The equipment are controled by PLC program. High automatic,high reliability ,easy to operate.

The effluent of the sewage treatment plant can up to the standard of amended MAPOL 73/78 and resolution MEPC.159(55).

Teacnical data:

Model	WCMBR6	WCMBR10	WCMBR15	WCMBR20	WCMBR25	WCMBR30	WCMBR40	WCMBR50	WCMBR60
People allowed	6	10	15	20	25	30	40	50	60
Hydraulic Load L/d	490	840	1190	1540	1890	2240	3080	3780	4480

Peak Load L/h	62	105	149	193	237	280	385	470	560
Average Load L/d	20.5	33.8	49.6	64.2	78.8	93.4	128.4	157.5	186.7
Organic kg/d	0.245	0.42	0.595	0.77	0.945	1.12	1.54	1.89	2.24
Power Supply	AC380V/50Hz								
Control Model	Manual or Automatic								
Quality of effluent	TSS<35mg/l BOD5<25mg/l Coliform<100/100ml Phvalue:6-8.5								
Dry weight(kg)	950	1100	1200	1250	1300	1400	1550	1800	2000
6536	6536	6536	6536	6536	6536	6536	6536	6536	6536

Model	WCMBR	WCMBR	WCMBR	WCMBR	WCMBR	WCMBR	WCMBR	WCMBR	WCMBR
	80	100	150	200	250	300	400	500	600
People allowed	80	100	150	200	250	300	400	500	600
Hydraulic Load L/d	5880	7410	10920	14640	18240	21700	30800	38500	46200
Peak Load L/h	735	928	1366	1830	2280	2712	3850	4813	5775
Average Load L/d	245	308.8	455	610	760	904.2	1283.4	1604.2	1925
Organic kg/d	2.94	3.71	5.46	7.35	9.1	10.9	15.4	19.25	23.1
Power Supply	AC380V/50Hz								
Control Model	Manual or Automatic								
Quality of effluent	TSS<35mg/l BOD5<25mg/l Coliform<100/100ml Phvalue:6-8.5								
Dry weight(kg)	2200	2950	3850	4100	5050	6050	6950	7980	8995
Wet weight(kg)	8150	10450	14730	18380	22100	28222	41316	59529	77323