

## WCMBR type marine membrane sewage treatment plant



International maritime organization concerning the marine environment protection committee conferred upon it by international conventions for the resolution IMO.MEPC.158 (55) adopted on 13th October 2006. The resolution made the fully new explanation referring to requirements of marine sewage treatment in Annex IV of "MARPOL 73/78 international convention for the prevention of pollution from ship". All sewage treatment plants installed on board or after 1st January 2010 should comply with the effluent requirements.



## 产品主要性能参数表Table of main performance parameters

WCMBR型号(Model)	WCMBR6	WCMBR10	WCMBR15	WCMBR20	WCMBR25	WCMBR30	WCMBR40	WCMBR50	WCMBR60
适应人数People allowed	6	10	15	20	25	30	40	50	60
Hydraulic load水力负荷l/d	490	840	1190	1540	1890	2240	3080	3780	4480
Peak load高峰负荷l/h	62	105	149	193	237	280	385	470	560
Average load平均负荷l/h	20.5	33.8	49.6	64.2	78.8	93.4	128.4	157.5	186.7
Organic load有机负荷kg/d	0.245	0.42	0.595	0.77	0.945	1.12	1.54	1.89	2.24
Power supply电源	AC380V/50Hz								
控制方式Control mode	Manual手动/Automatic自动								
Quality of effluent排水水质	Total suspended solids总悬浮固体 (TSS) $\geq 35\text{mg/l}$ Biochemical oxygen demand生化需氧量 (BOD5) $\geq 25\text{mg/l}$ Chemical oxygen demand化学需氧量 $\geq 125\text{mg/l}$ Thermotolerant Coliform耐热大肠杆菌 $\geq 100\text{个}/100\text{ml}$ PH value PH值 6—8.5								
Weight重量(kg) Dry weight干重	950	1100	1200	1250	1300	1400	1550	1800	2000
Wet weight湿重	1630	2150	2650	2983	3260	3978	4739	5715	6536

WCMBR型号(Model)	WCMBR80	WCMBR100	WCMBR150	WCMBR200	WCMBR250	WCMBR300	WCMBR400	WCMBR500	WCMBR600
适应人数People allowed	80	100	150	200	250	300	400	500	600
Hydraulic load水力负荷l/d	5880	7410	10920	14640	18240	21700	30800	38500	46200
Peak load高峰负荷l/h	735	928	1366	1830	2280	2712	3850	4813	5775
Average load平均负荷l/h	245	308.8	455	610	760	904.2	1283.4	1604.2	1925
Organic load有机负荷kg/d	2.94	3.71	5.46	7.35	9.1	10.9	15.4	19.25	23.1
Power supply电源	AC380V/50Hz								
控制方式Control mode	Manual手动/Automatic自动								
Quality of effluent排水水质	Total suspended solids总悬浮固体 (TSS) $\geq 35\text{mg/l}$ Biochemical oxygen demand生化需氧量 (BOD5) $\geq 25\text{mg/l}$ Chemical oxygen demand化学需氧量 $\geq 125\text{mg/l}$ Thermotolerant Coliform耐热大肠杆菌 $\geq 100\text{个}/100\text{ml}$ PH value PH值 6—8.5								
Weight重量(kg) Dry weight干重	2200	2950	3850	4100	5050	6050	6950	7980	8995
Wet weight湿重	8150	10450	14730	18380	22100	28222	41316	59529	77323