

WCX-B series sewage treatment plant



WCX-B series sewage treatment plant adopts physical and chemical method to treat ship's domestic sewage. The structure type and technical performance of this device is designed and manufactured according to GJB 2957-97 marine sewage treatment system general specification, while satisfies the requirement of IMO. resolution MEPC.159 (55). This device has features of small size, light weight and compact structure, especially suitable for small installation space room or smaller ships.

WCX-B series sewage treatment is operated in a fully automatic control way and set up with alarm device. When the sewage load in the tank is to show anomalous high water, the alarm device will have alarm signal. This device is passive contact and can provide remote alarm signal. The water discharging for this device meets the IMO standard.

The water discharging meets the international stipulated discharging standard, and accords with the request of MEPC 159 (55) resolution of international maritime organization environmental committee and international waste liquid discharging standard. The device flushing water is applicable to clean seawater and fresh water.

主要技术参数 Main Technical Parameter

参数 Parameter	型号 Model	WCX-6B	WCX-12B	WCX-25B	WCX-36B	WCX-50B	WCX-72B
适用人数 The number of suitable personnel		6	12	25	36	50	72
液力负荷(m ³ /d) Treatment load		0.67	1.35	2.8	4.0	5.5	8.0
有机负荷(kg/d) Organic treatment		0.3	0.6	1.25	1.8	2.5	3.6
排放标准 Discharging standard		大肠杆菌菌群Coli group (MPN)≤100/100ml; BOD ₅ ≤25mg/L; SS≤35mg/L; PH:6~8.5					
粉碎泵 Crushing pump	型号 Model	0.5CWF-10				1CWF-11	
	压力(MPa) Pressure	0.1				0.11	
	流量(m ³ /h) Capacity	5				10	
	功率(kw) Power	1.1				1.5	
流程泵 Process pump	型号 Model	20CQ-12				20CQ-12	
	压力(MPa) Pressure	0.12				0.12	
	流量(m ³ /h) Capacity	3				3	
	功率(kw) Power	0.37				0.37	
返送泵 Foldback pump	型号 Model	20CQ-12				20CQ-12	
	压力(MPa) Pressure	0.12				0.12	
	流量(m ³ /h) Capacity	3				3	
	功率(kw) Power	0.37				0.37	
输送泵 Transport pump	型号 Model	20CQ-12				20CQ-12	
	压力(MPa) Pressure	0.12				0.12	
	流量(m ³ /h) Capacity	3				3	
	功率(kw) Power	0.37				0.37	
排放泵 Discharging pump	型号 Model	20CQ-12				25CQ-15	
	压力(MPa) Pressure	0.12				0.15	
	流量(m ³ /h) Capacity	3				6.6	
	功率(kw) Power	0.37				1.1	
紫外线 消毒器 UV sterilizer	型号 Model	DY-UV-GL-C					
	流量(m ³ /h) Capacity	1.5					
	功率(kw) Power	0.27					
反冲洗水压力 Back flushing water pressure		0.1~0.25MPa					
电源 Power supply		3Ph AC380 50Hz or 3Ph Ac440 60Hz					
控制方式 Control mode		自动/手动 Automatic/manual					