

## SEWAGE TREATMENT PLANT

# WCBx-20C Seires Biochemical Domestic Sewage Treatment Plant

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ISO9001 Supplier

Class Certificate

Export Supply



## Key Highlights

Category	Sewage Treatment Plant
Standard	DIN
Weight / Size	Since filler is set in the aeration chamber, the chlorine adding sterilization is adopted, so compare with the products of the same kind, it has the characteristics of small cubage, light weight, compact structure and without secondary pollution.
Certificate	CCS

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

## Technical Specifications

Category	Sewage Treatment Plant	Model / SKU	WCBx-20C-Seires-Biochemical-Domestic-Sewage-Treatment-Plant
Standard	DIN	Weight / Size	Since filler is set in the aeration chamber, the chlorine adding sterilization is adopted, so compare with the products of the same kind, it has the characteristics of small cubage, light weight, compact structure and without secondary pollution.
Certificate	CCS	Warranty	12 Months unless specified otherwise
Origin	China		



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## WCBx-20C Seires Biochemical Domestic Sewage Treatment Plant

The method of combining catalytic oxidation, the MBR membrane biological treatment and physical disinfection sterilization is adopted in the WCBx-C series domestic sewage treatment device; it treats the domestic sewage of kitchens, W.C., and base room from ship. Since filler is set in the aeration chamber, the chlorine adding sterilization is adopted, so compare with the products of the same kind, it has the characteristics of small cubage, light weight, compact structure and without secondary pollution. The discharged water after the treatment of the device has reached the effluent standard stipulated internationally, and it accords with the requirement of Resolution MEPC.227(64) of International Marine Organization Environmental Protection Commission, and International waste fluid effluent standard.

Main technical parameter

### The water quality standard after the treatment:

1. geometric mean of no more than 100 thermotolerant coliforms/100ml;
2. geometric mean of total suspended solids is 35 Qi/Qe mg/L;
3. geometric mean of 5-day Biochemical Oxygen Demand (BOD5) of no more than 25 Qi/Qe mg/l;
4. geometric mean of Chemical Oxygen Demand of no more than 125 Qi/Qe mg/L;
5. PH of the effluent is between 6 and 8.5.
6. Total Nitrogen ≤ 20 Qi/Qe mg/l or at least 70% loss;
7. Total Phosphorus ≤ 1 Qi/Qe mg/l or at least 80% loss

### The technical parameters of the specification and model of the series

Model	WC Bx -10	WC Bx -15	WC Bx -20	WC Bx -25	WC Bx -30	WC Bx -40	WC Bx -50	WC Bx -60	WC Bx -80	WC Bx -100	WC Bx -150	WC Bx -200	WC Bx -300	WC Bx -400	WC Bx -500	WC Bx -600
t/d Treatment load	0.70	1.05	1.40	1.75	2.10	2.80	3.50	4.20	5.60	7.0	10.5	14	21	28	35	42
kg/d Organic load	0.35	0.53	0.70	0.88	1.05	1.40	1.75	2.10	2.80	3.50	5.25	7.0	10.5	14	17.5	21



Drain standard	BOD <sub>5</sub> ≤25Qi/Qe mg/L ; COD≤125Qi/Qe mg/L ; TSS≤35Qi/Qe mg/L ; Coli group≤100/100mL ; PH 6~8.5 ; Total nitrogen≤20Qi/Qe mg/l less70% ; Total phosphorus ≤1Qi/Qe mg/l less80% , No residual chlorine
Power supply	3ph/AC380/50Hz or 3ph/AC 440V/60Hz
Control mode	Automatic/manual