SEWAGE TREATMENT PLANT

WCBx-20C Seires Biochemical Domestic Sewage Treatment Plant

ISO9001 Supplier

Class Certificate

Export Supply

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 ...



Key Highlights

Category	Sewage Treatment Plant
Standard	DIN
Weight / Size	Since filler is set in the aeration chamber, the chlorine adding sterili...
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 o f small cubage, light weight, compact structure and without secondary pollution.
Certificate	CCS	**Warranty**	12 Months unless specified otherwise
Origin	China		

CONTENTS

- WCBx-20C Seires Biochemical Domestic Sewage Treatment Plant
- The technical parameters of the specification and model of the series
- The water quality standard after the treatment:

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 o f 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 Biochermical Oxygen Demand (BOD5) of no more than 25 Qi/Qe mg/l;

4. geometric mean ofChemical 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≤20Qi/Qe mg/l or at least 70% loss;

7.Total Phosphorus≤1Qi/Qe mg/l or at least 80% loss

The technical parameters of the specification and model of the series

Model Parameter	WCBx-10C	WCBx-15C	WCBx-20C	WCBx-25C	WCBx-30C	WCBx-40C	WCBx-50C	WCBx-60C	WCBx-80C	WCBx-100C	WCBx-150C	WCBx-200C	WCBx-300C	WCBx-400C	WCBx-500C	WCBx-600C
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	BOD5≤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