

Features and Advantages

- Modular concept allows phased construction of wastewater treatment plants and makes it adaptable to a wide range of size and flow rates.
- Compact design
- Factory installed and tested
- No construction works on-site
- Short delivery period
- Easy to relocate
- Web-based monitoring and control system
- Low-cost wastewater treatment system
- Minimal operator attention



DMBR-C effluent comparison against alternative standards

	HK Standard for discharge to Grade A+ inland water	HK Standard for discharge to Grade B++ inland water	HK Standard for discharge to Grade C+++ inland water	HK Standard for Water Reuse	Discharge from DMBR
Coliform bacteria (n/100ml)	< 1	100	1,000	< 1	<1 (with UV or Chlorine)
Total Suspended Solids (mg/l)	10	30	20	10	<10
BOD ₅ (mg/l)	10	20	20	10	<5
COD (mg/l)	50	80	80	N/A	<30
pH	6.5 - 8.5	6.5 - 8.5	6.5 - 8.5	6.5 - 8.5	6.5 - 8.5
Chlorine (mg/l)	N/A	N/A	N/A	>1	Depends on application

+ Abstraction for potable water supply

++ Irrigation

+++ Pond fish culture

DMBR-C is manufactured in UPVC or AISI 316 stainless steel

Model	Average Design Flow (m³/day)	Overall Dimension (including Maintenance Space)		
		Length [mm]	Width [mm]	Height [mm]
DMBR-C5	5	3000	2100	2100
DMBR-C10	10	3000	2100	2100
DMBR-C50	50	6000	2100	2100
DMBR-C100	100	12000	2100	2100

*Wastewater Collection Tank not included

