SEWAGE TREATMENT PLANT

SWCM-15 Square Type Sewage Treatment Plant

ISO9001 Supplier

Class Certificate

Export Supply

Description: This equipment SWCM square is SWCM round modification, suitable for ships with small engine room size, or customers have special requirements of the ship, technical specifications and requirements a...



Key Highlights

Category	Sewage Treatment Plant
Standard	DIN
Weight / Size	This equipment SWCM square is SWCM round modification, suitable for ship...
Certificate	CCS, BV, DNV-GL, BV, ABS

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

Technical Specifications			
Category	Sewage Treatment Plant	**Model / SKU**	SWCM-15-Square-Type-Sewage-Treatment-Plant
Standard	DIN	**Weight / Size**	This equipment SWCM square is SWCM round modification, suitable for ships with small engine room size, or customers have special requirements of the ship, technical specifications and requirements and SWCM round the same, to meet the latest IMO 224 (67) standards.
Surface	5.The device is adopting the principle of“air-lifting”to transfer the sludge from sediment tank and membrane tank to aeration tank, meantimes the“pump stops and air never stopped”, so as the scale on the membrane surface comes down.	**Certificate**	CCS, BV, DNV-GL, BV, ABS
Warranty	12 Months unless specified otherwise	**Origin**	China

CONTENTS

- Description:
- Data Sheet:
- Technical Feature:
- Packing:

Description:

This equipment SWCM square is SWCM round modification, suitable for ships with small engine room size, or customers have special requirements of the ship, technical specifications and requirements and SWCM round the same, to meet the latest IMO 224 (67) standards. At the same time, we can refit according to customer's request.

Technical Feature:

1.Adopting horizontal circular design, ellipse closures on both ends, pressure resistance and compact structure.

2.The device is adopted auto-control, and compliance with the requirement of 24-hours unattended cabin.

3.Adopting the "MBR" technology, devices allow to the narrow size, and solve the conflict of small space of cabin, but big volume of device.

4.The intermittent aeration in bio-membrane tank and hollow fiber membrane tank, form the process of "aerobic - anoxic", and resolve the problem of "nitrogen and phosphorus removal".

5.The device is adopting the principle of“air-lifting”to transfer the sludge from sediment tank and membrane tank to aeration tank, meantimes the“pump stops and air never stopped”, so as the scale on the membrane surface comes down. Due to back flushing and clean the membrane“online”usd technology patent.

6."On-line" cleaning technology, making the dirt on membrane off automatically, recover membrane flux. It can be solved the problem of opening the cleaning or replacement of membrane difficultly caused by the small space in cabin.

7.The effluent after further treatment can be reached at the requirement of“water recovery”.

Data Sheet:

Model	LOAD			Rated capacity （men）	Max capacity （men）	External dimension （mm）L×W×H	weight	
	Average load（L/d）	Peak load （L/h）	Organic load(kgBOD5/d）				Dry weight （kg）	Wet weight （kg）
SWCM-10	840	105	0.42	10	12	1510×1200x1300	900	1775
SWCM-15	1190	149	0.595	15	17	1870x1200x1400	1000	2283
SWCM-20	1540	193	0.77	20	22	1745x1400x1525	1000	2640

Packing:

