WATER TREATMENT EQUIPMENT

SASAKURA 25ton/day Marine Fresh Water Generator

ISO9001 Supplier

Class Certificate

Export Supply

Product Description This company produces the ZFS (HDZF) series products for tubular distillation type seawater desalination devices, is a low grade waste heat (such as diesel engine cylinder cooling water etc.)...



Key Highlights

Category	Water Treatment Equipment
Standard	GB
Material	Stainless steel
Weight / Size	℃ 30 Power kw 2.8 3.4 5.8 8.5 11.5 Dry kg 280 350 600 1000 1350 Dimensio...
Certificate	CCS

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

Technical Specifications

Category	Water Treatment Equipment	**Model / SKU**	SASAKURA-25ton-day-Marine-Fresh-Water-Generator
Standard	GB	**Material**	Stainless steel
Weight / Size	℃ 30 Power kw 2.8 3.4 5.8 8.5 11.5 Dry kg 280 350 600 1000 1350 Dimension L mm 740 840 1035 1860 2130 B mm 685 780 960 1070 1300 H mm 1195 1310 1450 1670 1900	**Surface**	With compact structure, reliable operation, easy maintenance and high degree of automation, finished product high waters (with salt content at below the water quality characteristics such as 10mg/l).
Certificate	CCS	**Warranty**	12 Months unless specified otherwise
Origin	China		

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Product Description

This company produces the ZFS (HDZF) series products for tubular distillation type seawater desalination devices, is a low grade waste heat (such as diesel engine cylinder cooling water etc.) as heat source. The principle of vacuum cryogenic distillation type system boiling pale device. With compact structure, reliable operation, easy maintenance and high degree of automation, finished product high waters (with salt content at below the water quality characteristics such as 10mg/l).

ZFS (HDZF) series seawater desalination devices of various performance indicators meet GB5749 "living and drinking water hygiene standards". Device has been widely used in ship, fishing boat, homework ship and the island.

Principles

This device is to use the water by heating the heat, using boiling distillation from seawater freshwater equipment preparation. Seawater in them through heat vaporization,separation and condensation process into fresh water.

Seawater desalination devices (body) bottom heaters circulation through heat of hot water, its heat transfer to straight through heater in sea water, sea water in straight after heated evaporation, and boiling, in part, the rest of the sea rising vaporization concentrated brine formed by vacuum pump discharge, vapor rising from both sides by separator separated into condensing cavity. steam condensation cavity in the internal flow by heat exchange tube condensing cooling water pump, the coagulation into distilled water out transported to fresh water tank, not frozen gases, through the smoke tracheal path is vacuum pump and go. The process is complete, under vacuum conditions by shoot water vacuum pump suction not condensate gas and concentrated brine, make the device maintain high vacuum.

Technical Data

Project		Model	ZFSG1.5	ZFSG2.5	ZFSG5	ZFSG15	ZFSG25
Finished water yield		m3/d	1.5	2.5	5	15	25
Finished water salining		mg/l	=10				
Heater	Hot water flow	m3/h	6	8	20	35	50
	Hot water inlet tem.	℃	65	65	65	75	75
Condernser	Seawater flow	m3/h	5	10	20	35	50
	Condernser seawater inlet tem.	℃	30				
Power		kw	2.8	3.4	5.8	8.5	11.5
Dry		kg	280	350	600	1000	1350
Dimension	L	mm	740	840	1035	1860	2130
	B	mm	685	780	960	1070	1300
	H	mm	1195	1310	1450	1670	1900


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