

SEWAGE TREATMENT PLANT

Taiko Ship Clean SBH-15 SBH-25 SBH-40 SBH-65 Series arecompact sized sewage trea

ISO9001 Supplier

Class Certificate

Export Supply

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Key Highlights

Category	Sewage Treatment Plant
Standard	EN
Weight / Size	1.Summary The Taiko Ship Clean "SBH Series" arecompact sized sewage trea...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

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

Technical Specifications			
Category	Sewage Treatment Plant	Model / SKU	Taiko-Ship-Clean-SBH-15-SBH-25-SBH-40-SBH-65-Series-arecompact-sized-sewage-treatment
Standard	EN	Weight / Size	1.Summary The Taiko Ship Clean "SBH Series" arecompact sized sewage treatment systemswith superior performance capabilities.designed exclusively for marine installations.They are the result of considerableresearch and include the latest technology toprevent water pollution.Reviewing the bio-filter method from thestart and pursuing the method treatmentefficiency to the limit have realized a newsewage treatment plant which meets the newstandard,MEPC.159(55)regula ted values,though it is a small device.
Surface	The sewage contacts the biological filmcausing growth of bacteria on the surface ofpacking media and organic matter(BODsource)is treated by biochemical oxidation.	Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	Origin	China

China Taiko Ship Clean SBH-15 SBH-25 SBH-40 SBH-65 Series arecompact sized sewage trea:

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Also, in the SBH series, the use of acombination of UV Sterilizer and chlorineallows achievement of more propersterilization and, at the same time, the effectof neutralization of residual chlorine by UVSterilizer reduces the concentration of theresidual chlorine in the treated water to a verylow level.

Purification performance of this plant is asfollows.

BOD₅<25 mg/L

TSS<35 mg/L

Thermotolerant coliforms<100 cfu/100mL

COD<125 mg/L

PH6~8.5

Residual Chlorine< 0.5 mg/L:

2. Construction (Refer to Fig 1..2.1 General of "Bio-Filter Method") The Bio-Filter Method is a method of processing sewage by utilizing a biological film. Packing media are placed in the tank and liquid sewage is circulated around it by means of aeration.

The sewage contacts the biological film causing growth of bacteria on the surface of packing media and organic matter (BOD source) is treated by biochemical oxidation.

2.2 Construction
2.2.1 Bio Filter Tank Sewage from toilets in the ship flows into the Bio-filter Tank. Foreign objects which could obstruct operation of the plant are held by a screen. Air from a blower causes circulation of the liquid and breaks up the solids. It also supplies oxygen to the microorganisms attached to the packing media.

2.2.2 Separation Tank This tank allows static deposition of the Suspended Solid (SS) content included in the treated water after organic matter has been resolved in the bio-filter tank: a floating scum is also resolved.
2.2.3 Treated Water Tank The treated water from which SS constituents have been removed in the separation tank overflows, is mixed with the chlorine which has been dissolved out of the sterilizer, and then accumulates in the treated water tank, where it is sufficiently sterilized by chlorine and the UV sterilizer (by circulation). And then it is automatically discharged outboard by means of a level control.