

oneTANK

AN ERMA FIRST COMPANY

Ballast Water Treatment **SIMPLIFIED**

Smallest Footprint.
Lowest Cost.



Contact us:
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System description

With the smallest size, **oneTANK** is the best solution when space and available power are extremely limited. It is suitable for vessels, not highly depended on ballasting operations with one or few tanks.

Treatment

Ballasting procedure is conducted without any system integration. Disinfection takes place by injecting liquid bleach into the ballast tanks through a simple circulation loop and mixing nozzles. Once treatment is completed within holding time required, excessive chlorine is neutralized and ballast water is ready to be discharged overboard.

Installation - Operation

oneTANK has minimized footprint, weight and installation materials, leading into a timely retrofitting on board without any specialized workmanship requirement. Perfect match for newbuilding or existing vessels.

Systems are off-the-shelf while maintenance is simplified as no filter, complex UV lamps, electrolytic reactors or transformer rectifiers are incorporated.

Why oneTANK

- ✓ One-size fits all, units on stock
- ✓ Easy to ship due to small size
- ✓ Very low operational costs and simple maintenance
- ✓ Bulk chemicals are common substances, widely available on every market
- ✓ Standard spare part packages available
- ✓ Aftersales support by ERMA FIRST extended network worldwide

Operational Limitations:

Salinity: Not Applicable
Water Temperature: Not Applicable
Hold Time: >24 Hours
Min. Average Total Residual Oxidant (TRO): 5 mg/L
Min. Concentration-Time (CT): 120 mg-hr/L

Type Approved

DNV GL, IMO Revised BWM Code
US Coast Guard

Particulars

604mm x 559mm x 1,651mm, 216 kg
15 Amp 120 Volts, or 7.5 Amp 230 Volts
Fully automated controls to vessel alarm and monitoring system

Support Services

Applications engineering
Installation and commissioning
On-site service and spare parts

USCG & BWMS Code Approved



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