



Bilge Concentrator, Waste oil and sludge Incinerator system

Engine room bilge processing system

Bilge concentrator "Bilcon X"



Overview

This system concentrates the bilge water efficiently using humidification and evaporation (low temperature humidification). It significantly reduces the unloading costs and hassles related to bilge water processing, making it a labor saving system. In addition, the humidification and evaporation method uses a completely closed system and does not discharge any processed bilge water from the vessel, also helping reduce the vessel's impact on the environment.

Features

- The highly efficient evaporation mechanism only emits moisture containing bilge water at a low temperature.
- The evaporation is continuous, making it highly efficient and able to concentrate the bilge water up to 1/10 of its volume in a 24 hour period.
- The heat source supply uses any residual vapors, heat-transfer oil and engine coolant (low temperature waste heat) to making energy saving operation possible.
- It is fully automatic, making operation easy and helping reduce the labor involved with bilge water processing.
- The amount of bilge water that is unloaded is significantly reduced, helping cut transportation costs.