

Protection for dockside seawater cooling systems

Features

- **Small footprint for dockside applications.**
- **Free-standing.**
- **Designed for automatic operation in conjunction with Model 8850 Mk II Dockside Chlorinator.**

General Description

The Model 8930 Mk I dechlorinator is designed to prevent the discharge of chlorinated water to the environment by neutralizing the residual oxidant content.

The 8930 Mk I is easily installed dockside near the discharge of any water cooling system where chlorine is used to prevent bio-fouling of the cooling water. Typical applications for the 8930 Mk I include heat exchangers, ship seawater systems, engine cooling systems, and component skids for electronic systems. The 8930 Mk I is ideal for temporary maintenance applications, but is also designed for continuous operation in permanent installations.

The 8930 Mk I incorporates more than 45 years of Howell Laboratories, Inc. experience designing and building shipboard fluid processing equipment for the US Navy. With proven capabilities for producing equipment to meet the most demanding US Navy shock, vibration, EMI and welding requirements, all HLI equipment is designed for reliability and low maintenance.

Specifications

Capacity:

- Tank contains up to 120 gallons (454 liters) dechlorination solution.
- Flow rate: 0 to 0.66 gph (0 to 2.5 liters per hour)

Electrical Requirements:

- 240 VAC, 1-phase, 60-Hz, 15 A

Seawater conditions:

- Seawater temperature: 28 to 105° F (-2° to 40° C)
- Pressure: 20 to 80 psig (138 to 552 kPa)

Environmental conditions:

- Ambient temperature: 0° to 122° F (-18° to 50° C)
- Ambient relative humidity: 0% - 90%

Dimensions and weight (approx):

Chlorinator Unit:

- Dimensions: 36-3/4" (93.3 cm) W x 43-1/2" (110.5 cm) H x 50" (127 cm) D
- Weight: 535 lb (243 kg) est.



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