

HEM Silver Ion Steriliser SIS B40

The treatment and purification of water plays an essential role in maintaining a healthy environment. Water not only has to be purified, but it also requires to be disinfected before consumption and preferably, before storage in tanks.

For water stored in tanks, the disinfectant should have a long lasting residual capability to effectively prevent the growth of bacteria and algae during the storage period.

Modern methods and technology enable the disinfection of water by the dosing of silver ions under controlled conditions; a process which is completely harmless to humans as well as animals. Silver ions have no effect on the taste, smell, or colour of the water, nor do they change physical or chemical properties such as the pH value of the water.

The HEM SIS B40 Silver Steriliser

The new updated HEM SIS B40 Steriliser is a significant improvement on earlier SIS versions that are well known in the shipping world, with hundreds of installation on ships.



- Very compact and flexible design - can be mounted together or with separate electrode chamber
- Fully automatic silver ion discharge, proportional to measured flow or predefined volume
- Fail-safe with remotely mounted safety shut-off valve in case of malfunction (MCA regulation)
- Alarm indication and signalling of malfunction
- Two individually configurable inputs for flow meters
- Automatic current reversal on silver electrodes ensuring even wear and cleaning of electrodes
- Manual or automatic sterilisation of bunkered water
- Connections to shut down RO systems to prevent high back pressure on the membranes in case of alarm/shutdown
- Sterilisation capacity:
0-10 m³/h @ 0.1 ppm silver ion concentration
0-25 m³/h @ 0.04 ppm silver ion concentration

Dimensions

