JOWA AG-S
SILVER ION STERILIZER

WATER HANDLING SYSTEMS

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JOWA

FOR FRESH WATER DISINFECTION

Treatment of drinking water with silver is a very old method and is used in many parts of the world. This method goes back to the ancient Egyptians and

Dosing water with Silver ions kills off bacteria, germs and algae, and controls their regrowth within the water storage and distribution system

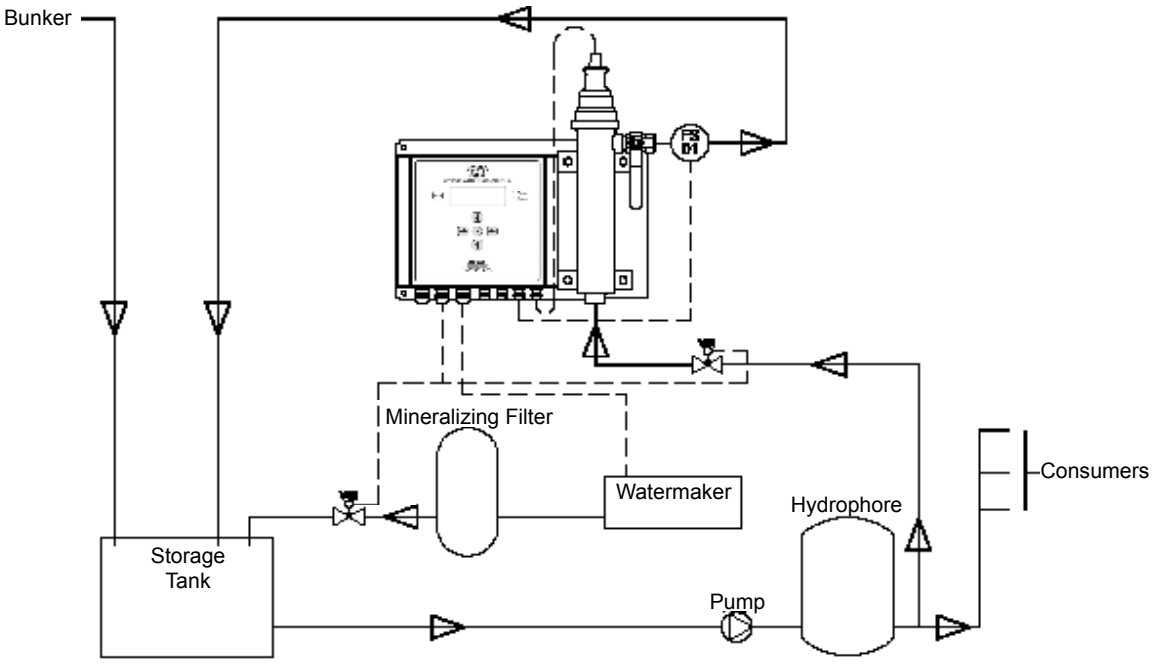
Main features

- Treatment capacity max. 15 m³/h
- Operates on 100 to 240VAC 50/60Hz
- Automatically adjusts for water conductivity
- Compact design
- Continuously monitors Electrode condition
- Long lasting residual treatment
- Inputs for two optional flow meters
- Optional Remote Panel (Slave or Master)
- Remote Start interconnect for watermaker

Silver ions do not effect the physical and chemical properties of the water and does not change the taste, smell or color. The amount of silver ions in the treated water is well below the maximum amounts stated in the directives issued by the World Health Organization (WHO).

The JOWA Ag-S is well-known in the shipping industry with thousands of installations since its introduction in 1970. Due to its simple design and high quality, many of the early units are still in operation and only need periodic replacement of the electrode.

The JOWA Ag-S comes as one unit ready to be fitted onto the bulkhead. It consists of an electronic cabinet, an electrode chamber with two shut-off valves, a flow setting valve and a flow switch. All these parts are mounted on a common electro-polished stainless steel base plate.

An optional flow meter can automate the dosage of silver based on the volume of water generated or bunkered.

Typical Installation