

# JOWA AG-S

## SILVER ION STERILIZER FOR FRESH WATER DISINFECTION



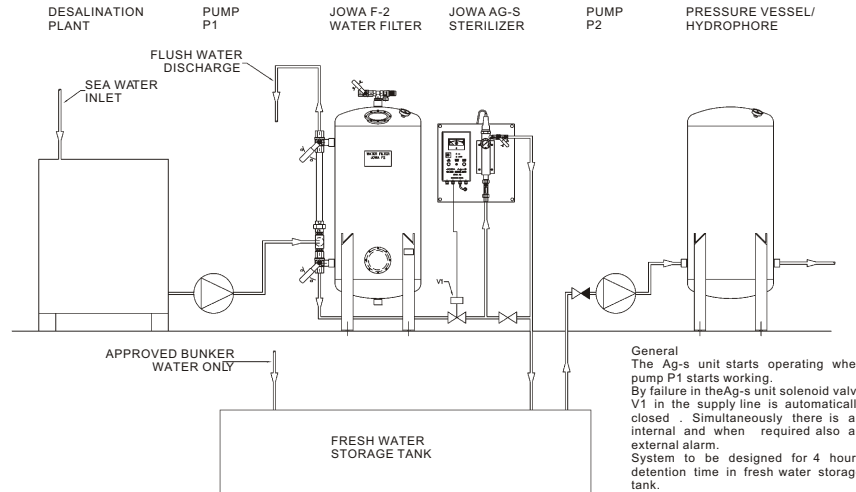
Sterilizing drinking water with silver is a very old method and has been adopted frequently in many parts of the world. As a matter of fact, this method goes back to antiquity. Disinfection of water by dosing silver ions into water is completely harmless to human as well as animals. The amount of silver ions in the disinfected water is well below the maximum amount stated e.g. in the directives issued by the WHO.

Silver ions do not change the taste, smell or colour of the water. Nor do they affect the physical and chemical properties of the water or the aggressiveness of the water. The silver ions only kill off bacteria, germs, algae etc.

The JOWA Ag-S is well known to the shipping industry. Many thousands of ships have had it installed onboard since its introduction in 1970. Due to its simple design and high quality, the first installed units are still in use, only periodical replacement of the electrode is needed.

In this newer version the Ag-S provides a second running mode called Auto. When using Auto mode the module calculates the flow of water automatically, and further more it sets the desired current.

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 pressure gauge. All these parts are mounted on a common electro polished stainless steel base plate. A flow sensor is also installed.



## MAIN FEATURES

- STERILIZING CAPACITY 15 M<sup>3</sup>/H
- COMPACT DESIGN
- AUTOMATIC CALCULATION OF WATER FLOW AND APPROPRIATE CURRENT WHEN USING AUTO MODE
- LONG LASTING RESIDUAL DISINFECTION
- NO CHANGE TO TASTE, SMELL OR COLOUR OF WATER
- NO CHANGE TO PHYSICAL OR CHEMICAL PROPERTIES OF WATER
- EASY TO CHANGE ELECTRODES
- DIFFERENT LANGUAGES AVAILABLE

### The JOWA Group

*JOWA has for many decades been a reliable supplier to the shipping industry of environmentally related equipment. We have oily water treatment series such as Oily Water Separator, Emulsion Breaking Unit, ODMCS; the water equipment series include Fresh Water Generator, Filter, AgS/UV Sterilizer, Sewage Treatment Plant, etc. Services are provided for Installation, Maintenance, Supervision and Commissioning of JOWA equipment either by our own staff or by our trained representatives worldwide.*

We reserve the right to make changes without prior notice.

# JOWA AB

[www.jowa.se](http://www.jowa.se)

JOWA AB, Tulebo 865, S-428 34 Källered, Gothenburg, SWEDEN

tel. +46-31 726 54 00, fax. +46-31 795 45 40, e-mail: [info@jowa.se](mailto:info@jowa.se)

#### Germany

**JOWA GERMANY GmbH**  
 Bützower Str, 1A  
 18239 Hohen Luckow  
 tel. +49-38295-74 115  
 fax. +49-38295-74 141  
 e-mail: [jowa@ibz-hl.de](mailto:jowa@ibz-hl.de)

#### Norway

**JOWA NORGE A/S**  
 Braatan 2A  
 3053 Steinberg  
 tel. +47-32 23 67 00  
 fax. +47-32 23 67 01  
 e-mail: [post@jowa.no](mailto:post@jowa.no)

#### Netherlands

**JOWA MARINE B.V.**  
 Ringdijk 510B  
 NL-2987 VZ RIDDERKERK  
 tel. +31-180416067  
 fax. +31-180466250  
 e-mail: [jowa-marine@wxs.nl](mailto:jowa-marine@wxs.nl)

#### Singapore

**JOWA (S) PTE., LTD.**  
 26, Lorong G Telok Kurau  
 Singapore 426195  
 tel. +65-6872 8802  
 fax. +65-6872 8896  
 e-mail: [jowaspdk@singnet.com.sg](mailto:jowaspdk@singnet.com.sg)

#### U.S.A.

**JOWA CONSILIUM US, INC.**  
 59 Porter Road  
 Littleton, MA 01460  
 tel. +1-978 48698 00  
 fax. +1-978 48601 70  
[www.jowa-consilium.com](http://www.jowa-consilium.com)  
 e-mail: [info@jowa-consilium.com](mailto:info@jowa-consilium.com)

#### China

**JOWA (SHA) MARINE EQUIPMENT CO., LTD.**  
 5111 Luo Shan Road, Pudong New Area  
 SHANGHAI 201204  
 tel. +86-21 6894 4890  
 fax. +86-21 6892 7550  
[www.jowa.com.cn](http://www.jowa.com.cn)  
 e-mail: [jowasha@jowa.com.cn](mailto:jowasha@jowa.com.cn)