

## Disinfection instruction for Soldos and Soldos SL



The Soldos sprays pulverized brine solution into steam or brine rooms in order to develop a saline maritime climate.

The used brine solution – with 5 % salinity – in 1 l or 5 l container – is disinfected by H<sub>2</sub>O<sub>2</sub>. The so treated brine solution is germfree. The canister are locked up until they will be used, in order to subsequently avoid germs.

Before drawing up a new germfree canister, the Soldos has to be completely disinfected. (connection of the suction hose, dosing pump & spray nozzle)

### **The disinfection of the Soldos has only to be done by trained staff**

A chlorine solution (with chlorine concentration of 10 mg/l) is used. The dosing / flushing is effected by the disinfection programme of the Soldos:

# Description of the disinfection for SOLDOS (03/09)

## Disinfection:

### Step 1:

Wash out the empty politainer by drinking water, fill up the measuring bottle (200 ml) by cleaned water und add one tablet. Lock up the measuring bottle and shake it until the tablet is solubilized.



### Step 2:

Fill in the brine solution into the empty, cleaned politainer and draw up the politainer again.

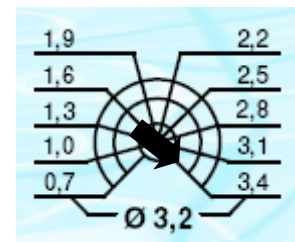
### Step 3:

Draw up the nozzle adaptor on the nozzle in the room (PVC compact with PE downpipe hose) in order to receive the disinfection and brine solution. By using the downpipe hose, pipe the solution directly into the gully if possible. This is to avoid that the solutions are atomized within the room.



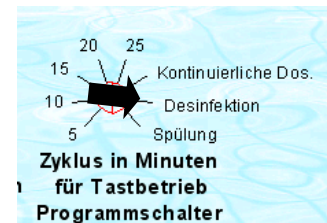
### Step 3.1 (only for Soldos SL)

Before starting the disinfection, the dosing performance of the hose pump has to be upgraded to the highest performance in order to assure a complete filling of the hose pipe.



### Step 4:

Switch on the programme „**disinfection**“. The pump is dosing the solution for 4 minutes now. Within this time, all parts are filled with disinfection solution. Afterwards, the Soldos is disabled for 11 minutes, in order to provide the disinfection solution enough residence time. Meanwhile, the LED for both disinfection and flushing is lighting.

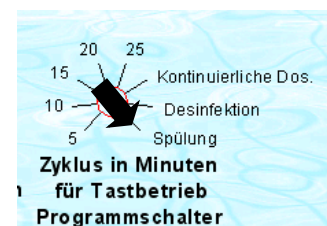


***This procedure complies with the Ö-Norm 6222 part 1. The Soldos is securely disinfected.***

## Flushing:

### Step 5:

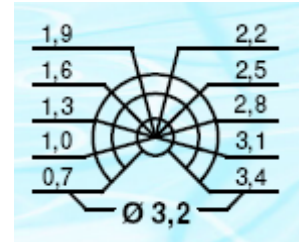
Remove the canister (with disinfection solution) and draw the new brine canister with germfree brine solution. Turn the programme switch to „**flushing**“. Now, the brine solution is dosing for 4 minutes in order to completely flush out the disinfection concentration.



## Description of the disinfection for SOLDOS (03/09)

### Step 5.1 (only for Soldos SL)

After the rinsing process, the dosing performance of the hose pump has to be reseted to the performance before the disinfection process.



### Step 6:

Remove the PVC compact (with the PE downpipe hose) from the nozzle.  
The Soldos is ready for operation again, when the programme switch is turned back to the initial position.

### Step 7:

Every disinfection has to be written down in the following protocol.

## Instruction protocol for the disinfection of the Soldos

Installation address:

Name: \_\_\_\_\_

Street: \_\_\_\_\_

Postcode: \_\_\_\_\_

City: \_\_\_\_\_

Country: \_\_\_\_\_

Date of instruction: \_\_\_\_\_

Instructed by the company: \_\_\_\_\_

Instructed by the person: \_\_\_\_\_

