



ECOLAB SA2 SP Series Advanced Satellite Installation Guide

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ECOLAB SA2 SP Series Advanced Satellite



General information

For safety reasons it is important to read all of the enclosed information (Installation guide, Service manual, Spare parts, Operating instructions) before mounting this equipment.. In addition, the legislation in force at the time of purchase must always be considered in connection with the installation and mounting of this equipment, no matter the contents of this manual. If there are matters of dispute please contact your dealer. This equipment is produced and tested by specially qualified personnel, following approved instructions to ensure our high level of product quality. After the product is finished and tested it is manually inspected with the ultimate test carried out just before the product is released for shipping. To obtain our high level of quality and long life we use stainless steel parts. These parts, in defiance of our manual inspections, may still have some sharp edges, which can present a cut hazard. Therefore it is advised always to use protective gloves and show caution when installing the equipment.

Preparation

If the wall is made of bricks or concrete, the enclosed screws and rawl plugs are usable otherwise you have to make sure that the carrying capacity of the wall is sufficient.

Note: The pipeline must be rinsed through before the system is connected.

Note: See service manual The weight of the unit are listed in the Service manual under the section "Specifications"

Note: Remove cover before the system is mounted on the wall.

Placing/application

- Do not use the machine outdoors.
- The satellite must be placed in frost-free rooms only.
- Free space around the satellite: min 1000 mm.

Water supply

	SP-SA
Water volume	30 l/min.
Pressure	1,2 – 2,5 MPa
Max. temperature	70oC

The supply line must be sized so that it can supply the minimum indicated pressure and water volume when connected to this equipment. When dimensioning the water supply, It is recommended to increase the available volume with 15-20 % compared to the minimum requirements listed in the table.

Air supply

Air supply for the system is to meet the following specifications:

- Pressure 6 – 10 bar
- Consumption 200 NI/min.

Power supply

Service Switch: The unit must always be connected to the main supply through a separate service switch.

	SP	SA
Voltage:		1/N/PE 110/230V 85-0%...265 +0%
Frequenz:		50/60 Hz 48 -0%...62 +0%
Power:		3 W
Voltage:		24 VDC \pm 10 %

Piping

The pipe system should be made of stainless steel pipes. The pipe joints should be made in a way that makes separation possible in case of e.g. repairs, movement or similar.

All thread according to ISO 228

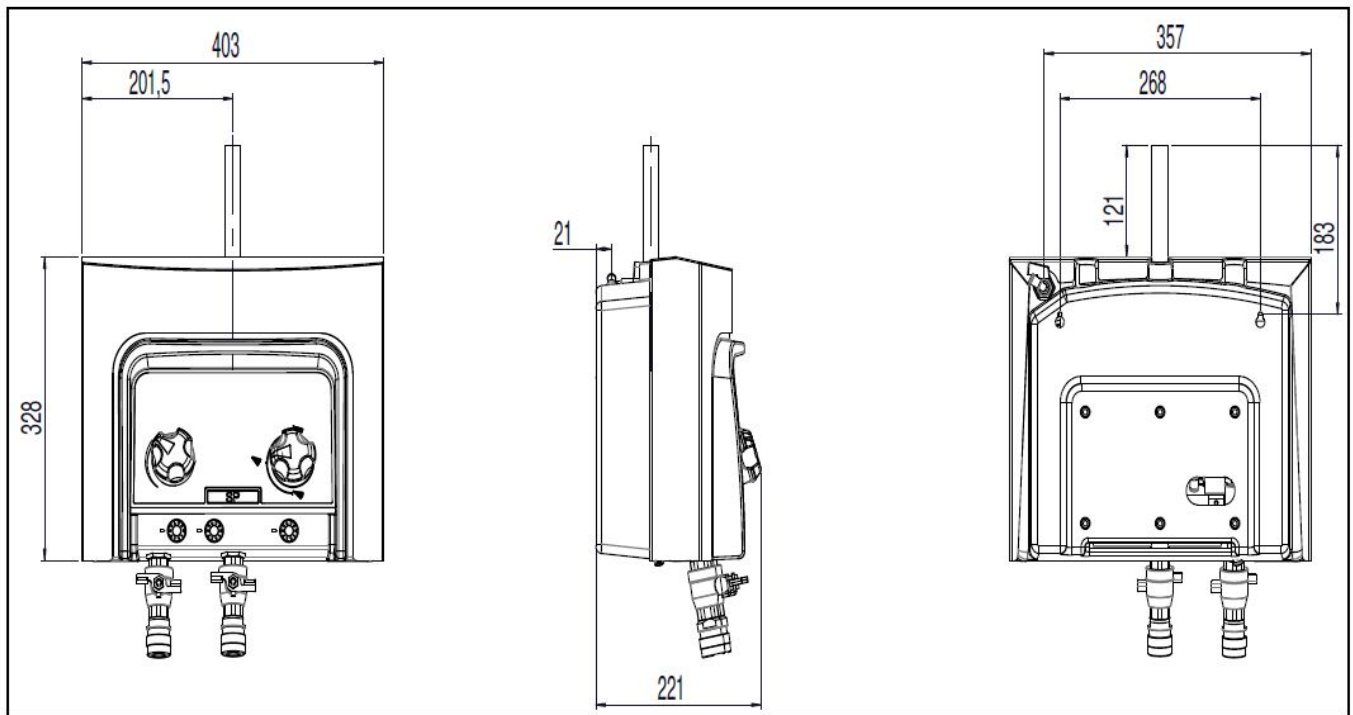
Pipe connections	SP-SA
Water	1/2"
Air	6 mm

Note: A 1/2" closing valve should be mounted on the water supply immediately before the satellite and dirt filter if any.

Assembly: Dimensions see fig.1


It is recommended to mount the system in an appropriate height (approx. 1, 25 m above the floor) on brick or concrete wall. Tighten the satellite with the enclosed screws and rawl plugs.

Type SP11 – SP33 / SA11 – SA33



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Documents / Resources

 <p>Advanced Satellite SP - SA Series</p> <p>Installation Guide Installationanleitung Manuel d'installation Guía de instalación Installationsvejledning</p>	<p>ECOLAB SA2 SP Series Advanced Satellite [pdf] Installation Guide SP Series, SA Series, SA2 SP Series Advanced Satellite, SA2, SP Series Advanced Satellite</p>
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References

- [ECOLAB Water, Hygiene and Infection Prevention Solutions and Services | Ecolab](#)