

CONTROL CENTER

6338

1 Technical definition

The SIMOP control center integrates and protects the electrical components allowing the proper functioning of Bioxymop wastewater treatment plants. It includes the blower(s) necessary for the aeration basin.

It is insulated to reduce the noise generated by the blower(s). It will fit perfectly into the landscape with its simple and modern design.

It is suitable for Bioxymop Max from 60 to 980 population equivalent.

2 Operation

1-year warranty

3 Maintenance

The control center requires no special maintenance. It is fitted with a flashing light to warn of any faults. However, a visual inspection of the interior is recommended at least every 6 months.

We also recommend checking the blower. We recommend subscribing to a maintenance contract to ensure the longevity of your installation.

4 Technical and dimensional characteristics

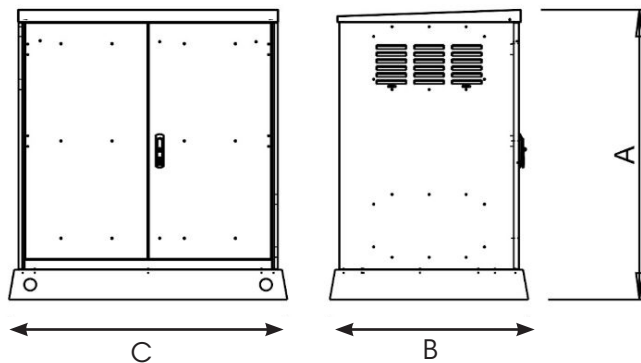
- Materials: Painted sheet metal cabinet
- Color: beige powder coating Ral 1015
- Concrete ballast
- Equipped with lifting hands for easy handling and installation
- 0.9m top and bottom ventilation grids².
- Factory-fitted red and green rotating beacon.



WASTEWATER TREATMENT

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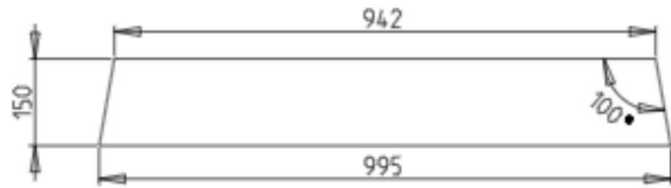
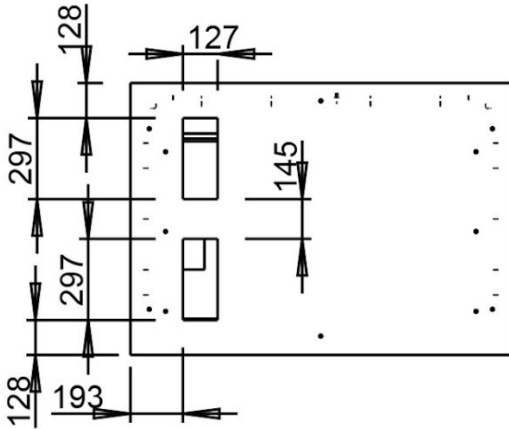
Main dimensions



Part N°	A (mm)	B (mm)	C (mm)
Type 1 (6346/1/1.25p)	1453	995	1395
Type 2 (6346/2/1.25p)	2054		

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Concrete ballast detail



Length (L)	Width (l)	Thickness (E)
1342	995	150

Weight of ballast alone: 441 Kg

WASTEWATER TREATMENT

Control center selection table according to EH

Art.N°	Components		Compatibility Bioxymop MAX units	Weight in kg
	Blower 	Electrical cabinet		
CCAL--DV2300-1	ASP0065-2ST111-6	Type 1	60 to 80 PE	571
CCAL--DV2300-2	ASP0085-2ST151-6		100 PE	576
CCAL--DV2300-3	ASP0120-2ST221-6		130 to 160 PE	594
CCAL--DV2300-4	ASP0165-2ST331-6		200-250 P.E	591
CCAL--DV2300-5	ASP0120-2ST221-6 (x2)	Type 2	320 PE	667
CCAL--DV2300-6	ASP0165-2ST331-6 (x2)		400 - 500 P.E	661
CCAL--DV3000-1	ASP0165-3ST751-7	Type 1	300-360 P.E	631
CCAL--DV3000-2	ASC0315-2ST551-7	Type 2	420- 490 EH	627
CCAL--DV3000-3	ASC0315-2ST551-7 (x2)		600- 720 EH	693
CCAL--DV3000-4	ASC0315-2ST551-7(x2)		840 - 980 P.E	693

Electrical constraints :

Art.N°	Power requirements
CCAL-DV2300-1	400 V -25 A
CCAL-DV2300-2	
CCAL-DV2300-3	
CCAL-DV2300-4	
CCAL-DV2300-5	
CCAL-DV2300-6	400V- 40A
CCAL-DV3000-1	
CCAL-DV3000-2	
CCAL-DV3000-3	
CCAL-DV3000-4	
Neutral system not IT-compatible	

5 Installation

The control center should be placed on stabilized ground at a maximum distance of 10 meters from the micro station. We strongly recommend that you read the installation instructions, to ensure that you have all the information you need for a smooth installation.

6 Guarantee

A maintenance contract must be signed with a specialist approved by SIMOP as soon as the unit is commissioned.

The guarantee of performance, operation and electromechanical parts is subject to the following condition: compatibility with bioxymop max stations.

5 Accessories and options

The control center can be fitted with an alarm forward (please consult us).

The control center can also integrate other electrical cabinets in order to centralize all the equipment, such as a lifting station, an automatic screen.