

# Salt Spray Cabinets 108-800 Liters

## BGD 880 Series

### Product Description

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BBG 880-Series Salt spray cabinets with working room capacity of 108~800 liters. Maximum sample capacity (15cmx7cm) of 28~120pcs.

The salt spray test is a standardized test method used to check corrosion resistance of coated samples. Coatings provide corrosion resistance to metallic parts such as steel, zamak or brass. Since coatings can provide a high corrosion resistance through the intended life of the part in use, it is necessary to check corrosion resistance by other means. Salt spray test is an accelerated corrosion test that produces a corrosive attack to the coated samples in order to predict its suitability in use as a protective finish. The appearance of corrosion products (oxides) is evaluated after a period of time. Test duration depends on the corrosion resistance of the coating; the more corrosion resistant the coating is, the longer the period in testing without showing signs of corrosion.



### Standards

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ISO 4611, ISO 7253, ISO 9227, ASTM B117, ASTM B368, ASTM B380, ASTM G85-11, ASTM D 1735, DIN 50021

### Technical Specification

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Please download technical datasheet for detailed information

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### Main Technical Parameters

#### Temperatures:

- Working Room Temperature Range: RT~50 °C
- Humidifying Tower Temperature Range: RT~63 °C
- Temperature Uniformity: =  $\pm 2$  °C (No-load)
- Temperature Stability: =  $\pm 0.5$  °C (No-load)
- Temperature Deviation of Working Room:  $\pm 1.0$  °C
- Temperature Increasing Rate: RT upto 55 °C: less than 60 minutes (working room); RT upto 63°C less than 60 minutes (saturated barrel)

Model	BGD 880/S	BGD 881/S	BGD 882/S	BGD 883/S
Working Room Size (WxHxD) mm	1150x1090x672	1450x2300x842	2080x1285x1240	2480x1520x1450
Working Room Capacity (excluding V shape cover)	108L	270L	480L	800L
Overall Size (WxDxH) mm	600x400x450	900x500x600	1200x500x800	1600x500x1000
Quantity of V shape sample holder/pole	4/6	6/12	8/16	10/11
Tank capacity for salt solution	15	25	40	45
Collectors	1	2	2	2
Max. sample capacity (15cm x 7 cm)	28 pcs	70 pcs	108 pcs	120 pcs
Method of opening cover	Manual	Manual	Pneumatic	Pneumatic
Total Power	2.2 kW	2.2 kW	3.8 kW	3.8 kW
Salt solution consumption	15 L/day	15 L/day	25 L/day	25 L/day
Water for heating consumption	30 L/day	30 L/day	40 L/day	40 L/day
Compressed Air Consumption	1m <sup>3</sup> /h	1m <sup>3</sup> /h	2m <sup>3</sup> /h	2m <sup>3</sup> /h

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Power Supply	220V; 50/60Hz
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### **Disclaimer**

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