



Salt Fog Cabinets

FQY series products are salt spray corrosion test equipment for artificial simulation of marine climate, which can be used for accelerated corrosion performance change test after surface treatment of various materials such as electrical equipment, metal materials and products, including anti-corrosion treatment of coatings, electroplating, inorganic and organic coatings, anodic treatment and antirust oil.

Standard

- ISO11997-1:2005
- IEC6008-2-78-2001
- ISO 16701:2003
- ISO14993:2001
- ISO16151:2005



FQY-015/025

(Glass Fiber Reinforced Plastic)



FQY-075/100

(Glass Fiber Reinforced Plastic)



FQY-025-T

(Titanium Plate Material)

Technical Specification

Name		Salt Fog Cabinets (Glass Fiber Reinforced Plastic)			
Type		FQY-015	FQY-025	FQY-075	FQY-100
Internal dimension L*W*H (mm)		600×450×400	1000×640×500	1100×730×500	1320×960×600
Outline dimension L*W*H (mm)	including protrusions	1250×800×1000	1600×1050×1220	1760×1300×1550	2050×1500×1710
Top cover size L*W*D (mm)		670×530×265 (triangle)	1085×725×350 (triangle)	1100×730×570 (arc)	1320×935×730 (arc)
Volume (L) (including cover)		150L	450L	650L	1080L
Salt water tank volume		15L	32L	80L	200L
Sample frame		4 pieces	6 pieces	8 pieces	10 pieces
Number of templates		64	138	232	380
Brine consumption		15L/d		25L/d	40L/d
Saturated barrel heating water consumption		30L/d		40L/d	50L/d
Cover opening method		Manual		Pneumatic	Pneumatic
Temperature		RT ~60℃			
Tolerance		≤±2℃			
Fluctuation		≤±0.5℃			
Drain		1-2ml/80cm ² ·h			
Spray Frequency		Continuous, weekly schedule			
Power		3Kw		4Kw	6Kw
Voltage		220V, 50Hz			
Packing size (mm)		1350×850×1200	1700×1100×1270	1900×1500×1700	2200×1700×1860
Instrument water		Meet the secondary water standard stipulated in GB/T 6682-2008 water specification and test method standard for analytical laboratories.The water supply pressure is less than 0.5bar,and 1/4 "internal teeth of water supply interface are reserved for the equipment.(Note: distilled water or deionized water is required for the spray liquid, and the water consumption is 60L/24h for continuous spray.)			
Exhaust and drainage		The exhaust pipe of the equipment needs to extend to the outdoor designated position, and it needs to be opened in the wall near the installation of the equipment and led out of the room. The exhaust pipe can't condense water, so it needs to be kept unblocked, and the diameter of the exhaust pipe is ϕ 50 mm; The drainage pipe of the equipment shall be extended to the outdoor, and the drainage pipe shall be unblocked. The drainage outlet shall be lower than the drainage outlet of the equipment, and the drainage pipe diameter shall be ϕ12mm.			

Technical Specification

Name		Salt Fog Cabinets (Titanium)	
Type		FQY-025-T	FQY-060-T
Internal dimension L*W*H (mm)		800×600×500	1100×750×760
Outline dimension L*W*H (mm)	including protrusions	1550×820×1110	1850×970×1315
Top cover size L*W*D (mm)		780×590×220 (triangle)	1080×740×220 (triangle)
Volume (L) (including cover)		300L	700L
Salt water tank volume		35L	58L
Sample frame		6 pieces	8 pieces
Number of templates		132	232
Brine consumption		15L/d	25L/d
Saturated barrel heating water consumption		30L/d	40L/d
Cover opening method		Manual	Pneumatic
Temperature		RT ~80°C	
Tolerance		≤±2°C	
Fluctuation		≤±0.5°C	
Drain		1-2ml/80cm ² ·h	
Spray Frequency		Continuous, weekly schedule	
Power		3Kw	4Kw
Voltage		220V, 50Hz	
Packing size (mm)		1800×1250×1450	1800×1250×1450
Instrument water		Meet the secondary water standard stipulated in GB/T 6682-2008 water specification and test method standard for analytical laboratories. The water supply pressure is less than 0.5bar, and 1/4 "internal teeth of water supply interface are reserved for the equipment.(Note: distilled water or deionized water is required for the spray liquid, and the water consumption is 60L/24h for continuous spray.)	
Exhaust and drainage		The exhaust pipe of the equipment needs to extend to the outdoor designated position, and it needs to be opened in the wall near the installation of the equipment and led out of the room. The exhaust pipe can't condense water, so it needs to be kept unblocked, and the diameter of the exhaust pipe is ϕ 50 mm; The drainage pipe of the equipment shall be extended to the outdoor, and the drainage pipe shall be unblocked. The drainage outlet shall be lower than the drainage outlet of the equipment, and the drainage pipe diameter shall be ϕ12mm.	

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