



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-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-025	FQY-075	FQY-100
Internal dimension (mm)		1000×640×500	1100×730×500	1320×960×600
Outline dimension W*D*H (mm)	No bulge	1590×830×1210	1760×1070×1550	2030×1265×1800
	including protrusions	1590×1060×1210	1760×1180×1550	2030×1420×1800
Top cover size L*W*D (mm)		1085×725×350 (triangle)	1100×730×570 (arc)	1320×935×730 (arc)
Volume (L) (including cover)		450L	650L	1080L
Salt water tank volume		30L	200L	200L
Sample frame		6 pieces	8 pieces	10 pieces
Number of templates		138 pieces	232 pieces	380 pieces
Salt water consumption		15L/d	15L/d	25L/d
Consumption of heating water in saturated barrel		10L/d	10L/d	20L/d
Cover opening method		Manual	Pneumatic	Pneumatic
Temperature		RT ~60°C		
Tolerance		≤±2°C		
Fluctuation		≤±0.5°C		
Drain		1-2ml/80cm ² ·h		
Spray Frequency		Continuous, weekly schedule		
Power		3Kw	4Kw	6Kw
Voltage		220V, 50Hz		
Packing size (mm)		1700×1100×1270	1900×1500×1700	2200×1700×1860

Technical Specification

Name		Salt Fog Cabinets (Titanium)	
Type		FQY-025-T	FQY-060-T
Internal dimension (mm)		800×600×500	1100×750×660
Outline dimension W*D*H (mm)	No bulge	1550×700×1110	1850×850×1215
	including protrusions	1550×1050×1110	1850×1200×1215
Top cover size	L*W*D (mm)	780×590×220 (triangle)	1080×740×220 (triangle)
Volume (L) (including cover)		300L	600L
Salt water tank volume		45L	75L
Sample frame		6 pieces	8 pieces
Number of templates		132 pieces	232 pieces
Brine consumption		15L/d	15L/d
Saturated barrel heating water consumption		10L/d	10L/d
Cover opening method		Manual (gas spring)	Manual (gas spring)
Temperature		RT ~60°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)		2000×1200×1470	2300×1350×1675