

## Salt Spray Test Chamber - Model Walk In Series ASTM B117

- Built in fiberglass with special resin of high chemical and temperature resistance (Inert Material - ASTM B117), externally and internally.
- Indirect heating of the internal cabinet through the air jacket (ASTM B117), ensuring great homogeneity of the internal temperature of the test cabinet.

**(US Patent No.10371623)**

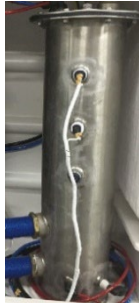


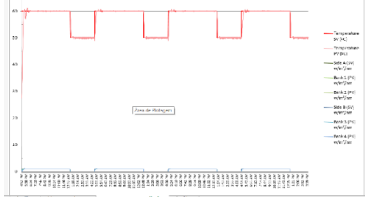
Illustrative Picture - Walk In 14



Illustrative Picture - Walk In 40

NOTE: Others internal volume consult us.

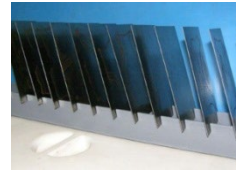
Specification/Model	Walk In 14 – ASTM B117	Walk In 40 – ASTM B117	Walk In 55 – ASTM B117
Internal and external material	Entirely in fiberglass (No metals)		
Chamber Temperature Range	Ambient + 9°F (5°C) - +131°F (55°C)		
Bubble Tower Temperature Range	Ambient + 9°F (5°C) - +165°F (74°C)		
Bubble Tower with constant level, no auxiliary tank necessary for long duration test			

<b>MODE: Salt Spray / Salt Fog</b>	<ul style="list-style-type: none"> <li>- Homogeneity of chamber and bubble tower temperature: <math>\pm 1.8^{\circ}\text{F}</math> (<math>\pm 1.0^{\circ}\text{C}</math>)</li> <li>- Bubble Tower Pressure Range: 29 kPa min. to 196 kPa max. (4.2psi min. to 28 psi max.)</li> <li>- Fog Collection Range: ASTM B117 - ISO 9227: 1.0 to 2.0 ml/hour, continuous 16 hours of test (Optional: Fog collection: 3.0 +/- 1.0 ml/hour, consult us).</li> </ul>		
<b>Approximated internal cabinet volume</b>	494.4 ft <sup>3</sup> (14 m <sup>3</sup> )	1,342 ft <sup>3</sup> (38 m <sup>3</sup> )	1,907 ft <sup>3</sup> (54 m <sup>3</sup> )
<b>Data Acquisition Software - option:</b>			
<b>Electrical panel built to meet CE /UL508A. UL508A Certification contact us – Optional</b>	Included		
<b>Visual and audible security system</b>	Included		
<b>Internal Dimensions W x D x H (included the ceiling "V")</b>	2,000 x 2,000 x 3,500 mm (78.7"x 78.7" x 137.8")	3,500 x 3,500 x 3,600 mm (137.8" x 137.8" x 141.8")	3,500x 5,000 x 3,600 mm (137.8"x 196.9"x 141.8")
<b>External Dimensions (W x D x H)</b>	2,300 x 2,300 x 3,950 mm (90.6"x 90.6" x 155.5")	3,900 x 3,900 x 4,100 mm (153.6"x 153.6" x 161.5")	3,900 x 5,400 x 4,100 mm (153.6"x 212.6"x 161.5")
<b>Door (W x H)</b>	1,500 x 2,100 mm (59.1"x 82.7")	3,000 x 2,100 mm (118.2"x 82.7")	3,000 x 2,100 mm (118.2"x 82.7")
<b>Ramp (W x D)</b>	1,500 x 1,000 mm (59.1"x 39.4")	3,000 x 1,000 mm (118.2"x 39.4")	3,000 x 1,000 mm (118.2"x 39.4")
<b>Electric panel (W x D x H)</b>	1,500 x 1,000 x 2,000 mm (59.1"x 39.4"x 78.7")	1,500 x 1,000 x 2,000 mm (59.1"x 39.4"x 78.7")	1,500 x 1,000 x 2,000 mm (59.1"x 39.4"x 78.7")
<b>Accessories area Approx. Dimensions (Bubble Tower, Solution Tank, Pumps, and others) (W x D)</b>	2,500 x 2,500 mm (98.5"x 98.5")		
<b>Approx. Crated Dimensions</b>	Container 40`		
<b>Approximate net weight</b>	1,350 Kg (2,976.3 lb)	3,200 kg (7,054.8 lb)	4,200 Kg (9,259.5 lb)

<b>Recommended Lab conditions</b>	Temperature: 63 °F (17°C) - 82°F (28°C), Relative humidity: Maximum 85% (without condensation)		
<b>Electrical Supply</b>	480 – 3 – 50/60 Hz (other consult)		
<b>FLA (208V)</b>	55	70	90
<b>Test water requirement</b>	ASTM D 1193 Type IV		
<b>DI water pressure</b>	7 to 28 psi (0.5 to 2.0 kgf/cm <sup>2</sup> )		
<b>DI water input Ø</b>	Ø=1" – 350 liters/hour		
<b>Constant Pressure</b>	Ø = 1.¼" - 56 psi +/- 0.7 psi (4 kgf/cm <sup>2</sup> )		
<b>City Water Supply</b>	Chamber cleaning		
<b>Corrosive Agent</b>	Per Standard		
<b>Lab exhaust</b>	Fume Hood and motor – if necessary		
<b>Drain</b>	PVC Ø =1"		
<b>Chamber exhaust</b>	PVC Ø = 6" pipe without siphon		
<b>Measurement items: pH, Conductivity NaCl concentration</b>	In accordance with ASTM B 117, JIS Z 2374, ISO 9227		
<b>Service Area</b>	minimum of 39.4" (1,000 mm) for an easier cleaning, assembling and maintenance		
<p>1 (One) Year Parts Warranty against manufacturing defects from date of delivery at customer's site. This assumes equipment is used under normal operating conditions in accordance to the instruction manual. This warranty does not apply to glassware (lamps). In case of non-warranty issues during warranty period, actual expenses shall apply.</p>			
<p><b>Note 1:</b> All our equipment is delivered with Installation, Maintenance and User Manual. We believe this material is enough for the correct use of the equipment. We are available for further questions and clarifications. Additionally, if desired, we can provide the technicians to assemble the equipment and conduct staff training at the client's site. (Cost available upon request).</p>			
<p><b>Note 2:</b> Appearance and specifications of equipment are subject to change without prior notice.</p>			
<p><b>Note 3:</b> We highly recommend that you don't use the same chamber for different solutions, e.g. don't use a Salt Spray chamber for CASS; Kesternich (SO<sub>2</sub>) test or CASS chamber for humidity test due the chemical contamination that may distort the results. See item 4.6 of Standard ISO 9227.</p>			

## Optional Accessories

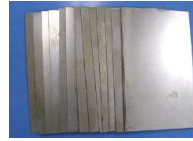
- (1) rack - 15° or 20° inclination in accordance with ASTM B117 and ISO 9227.
- Special rack for customer supplied test sample.
- (2) Fog collectors.
- Pressure regulator with water, oil filter and pressure gauge.
- Fiberglass Fume Hood (hood only).
- Fiberglass axial fan assembly capacity: 1940 cfm. Net weight: 88 lbs. (40 kg).
- DI Water assembly includes: activated carbon water filter, DI column, LED water quality indicator.
- Spare DI water column.
- Spare activated carbon water filter.
- Density meter to measure concentration of saline solution in accordance to ASTM B 117.
- Bag 50 lbs. – NaCl in accordance ASTM B 117 and ISO 9227.



Factory Consult



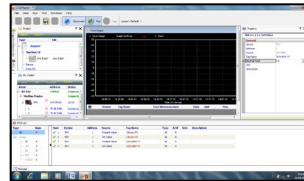
- Test Panels – 2.9" x 5" (76mm x 127mm). In accordance with ASTM B 117 (100 Pieces).



- Test Panels – 2.7" x 5.9" (70mm x 150mm). In accordance with ISO 9227 (100 pieces).



- Data Acquisition Software:
  - By PC (RS 232 or USB)



- Grid type test brackets supports 120 kg with distributed load.



- Cable port  $\varnothing = 2"$  – EQOP 0034



**Further optional requests shall be considered upon request.**