

SS-30

Salt Spray/Fog Chamber

Specifications

Test Space	48" width x 36" height x 30" depth (121.9 cm width x 91.4 cm height x 76.2 cm depth)
Outside Dimensions	86" width x 48" height x 40" depth (218.4 cm width x 121.9 cm height x 101.6 cm depth)
Temperature Range	Ambient to 130 ± 2°F
Bubble Tower Size	One Gallon
Salt Solution Capacity	Twenty Gallons
Salt Solution Consumption	0.3 Gallons per hour
Utilities	
Power:	115-230/1/60, 21amps
Air:	15 p.s.i. Drain
Shipping Weight	800 lbs.

Standard Features

A seamless molded fiberglass interior coated with a white epoxy • Rounded corners in the test space so dirt can't collect • A sloped ceiling to prevent drippage on test specimens • A positive water sealed lid to prevent leakage to the atmosphere • Conditioning components which are easily accessible through a hinged door on the end of the unit • An air valve and a pressure regulator • Standard operating time of 48 hours • Complete panel mounted for ease of operation • A plastic salt spray nozzle • A main temperature control system which conditions the test space and warms the salt solution • Both a bubble tower and a salt solution reservoir, contained within the equipment • A centrifugal fan to circulate air around the chamber • A dial type temperature gauge and a pressure indicator • Bemco's standard warranty

Optional Equipment

Extended operating time of 120 hours • ASTM-B117 version • 50 ml calibrated graduated salt solution collector • Additional salt solution storage tanks • High temperature alarm system • temperature recorder; special test salt; PH adjustment kits • Custom modifications to meet your special requirements • External salt solution make-up reservoirs are available as options • One external reservoir is included with the SS-30X and the SS-30XL. The operating times for these systems are:

SS-30 (internal reservoir)	75 hours
*SS-30X and SS-30XL (external)	120 hours
*Extra salt solution tanks	100 hours

*External transfer pump included

Description

Bemco's SS-30 successfully meets all standard military, commercial and ASTM salt fog corrosion and humidity corrosion tests. The SS-30 incorporates the latest technology including an epoxy coated fiberglass inner liner to minimize potential corrosion, air jacket heating for uniformity and reliability, an all non-metallic salt fog system to prevent contamination and a gasket free water sealed lid to prevent leakage from the workspace.

The salt fog nozzle is plastic. The salt solution is in contact with plastic only. Compressed air is reduced in pressure to the proper level by an automatic pressure regulator and fed through a warm water bubble tower where it is humidified before using in the fog nozzle. The salt is mixed and stored in a plastic container from which it is siphoned by the fog nozzle. The salt solution and the bubble tower are heated by a separate air system in addition to the system which heats the chamber.

