



SINGLETON CORPORATION

leading manufacturer of
environmental test chambers
& metal finishing equipment

SCCH Corrosion Test Chamber Salt Fog, CASS, Corrodkote, Humidity

Overview

Performs a wide range of accelerated corrosion tests including, but not limited to:

- ASTM B117
- ASTM B368 (CASS)
- ASTM D1735
- ASTM D2247 ¹
- ISO 9227
- DIN 50027
- ASTM G85 (A1) (A2) ² (A3) ² (A4) ²

Construction and Design

- Water jacketed design for controlled test environment
- Acrylic or Polypropylene Cover (model specific)
- Easy to clean, seamless, polymer coated interior lining

Controls

- Digital temperature controls
 - Exposure zone wet and dry bulb
 - Humidifying tower
 - Data logging PLC communication & control available

¹Humidity Test Packages for Condensing Humidity Tests

²Multi Test Control Package for Static Temperature Cyclic Tests

Programmable PLC enables salt fog, spray, purge, and soak functions in sequence with programmed frequency and duration of cycles



Model	Capacity Cu. Ft. (L)	Inside Dimensions L" x W" x D"	Outside Dimensions (cover closed)
SCCH 20	9.3 ft ³ (264)	30 x 18 x 30	45 x 24 x 48
SCCH 21	18 ft ³ (510)	36 x 24 x 36	52 x 34 x 55
SCCH 22	30 ft ³ (850)	48 x 30 x 36	65 x 41 x 57
SCCH 23	73 ft ³ (2068)	72 x 42 x 42	87 x 48 x 62
SCCH23sl	63 ft ³ (1784)	72 x 42 x 36	87 x 48 x 57
SCCH 24	128 ft ³ (3625)	96 x 48 x 48	111 x 54 x 74
SCCH 24sl	96 ft ³ (2720)	96 x 48 x 36	111 x 54 x 62
SCCH 26	160 ft ³ (4500)	120 x 48 x 48	135 x 54 x 74
SCCH 26sl	120 ft ³ (3400)	120 x 48 x 36	135 x 54 x 62

Temperature Range	Exposure Zone	Ambient to 120°F (50°C)
	Humidifying Tower	Ambient to 140°F (60°C)