



# SINGLETON CORPORATION

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

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

- ASTM B117
- ASTM B368 (CASS)
- ASTM D1735
- ASTM D2247
- ISO 9227
- ASTM G85 (A1) (A2) (A3) (A4)\*

### 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

### \* Multi Test Control Package for Static Temperature Cyclic Tests

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

### \* Humidity Test Packages for Condensing Humidity Tests



Model #	Capacity Cubic Ft ( liters )	Inside Dimensions L" x W" x D" Exposure Zone Depth	Outside Dimensions (cover closed)
SCCH 20	9.3 ft <sup>3</sup> ( 264 liters )	30 x 18 x 30	45 x 24 x 48
SCCH 21	18 ft <sup>3</sup> ( 510 liters )	36 x 24 x 36	52 x 34 x 55
SCCH 22	30 ft <sup>3</sup> ( 850 liters )	48 x 30 x 36	65 x 41 x 57
SCCH 23	73 ft <sup>3</sup> ( 2068 liters )	72 x 42 x 42	87 x 48 x 62
SCCH 23sl	63 ft <sup>3</sup> ( 1784 liters )	72 x 42 x 36	87 x 48 x 57
SCCH 24	128 ft <sup>3</sup> ( 3625 liters )	96 x 48 x 48	111 x 54 x 74
SCCH 24sl	96 ft <sup>3</sup> ( 2720 liters )	96 x 48 x 36	111 x 54 x 62
<b>Temperature Range</b>		<b>Exposure Zone:</b>	<b>Ambient to 120 °F or 50 °C</b>
		<b>Humidifying Tower:</b>	<b>Ambient to 140 °F or 60 °C</b>