



ENVIRONMENTAL CHAMBER / CLIMATIC CHAMBER



SALENT FEATURES

- Suitable for carrying out different quality control tests under controlled conditions of temperature and humidity.
- The excellent quality of magnetic gum packing for the external door.
- User oriented design of shelves makes you adjust each space of shelves without difficulty.
- Inner chamber is made of stainless steel (S.S. 304 /316 as demanded) and outer wall of mild steel sheet duly powder coated
- High grade Polyurethane Foam (PUF) insulation.
- A self-cooled air circulation fan is fitted to maintain uniform temperature and humidity conditions throughout the chamber.
- Humidity is created through steam generation tank at base /top
- PID digital temperature indicator cum controller
- Provided with refrigeration system to control temperature range from 10°C to 60°C $\pm 2^\circ\text{C}$ and humidity (5% above ambient) from 40% to 95% RH $\pm 3\%$ RH at Cool Temperature.
- CFC free eco friendly compressor.
- Castor wheels for ease of movement
- Accuracy: Temperature $\pm 2^\circ\text{C}$ & Humidity $\pm 5\%$ RH

SPECIFICATION

Model	SII-EC-45	SII-EC-100	SII-EC-165	SII-EC-260	SII-EC-325	SII-EC-420
Capacity (Litres)	45	100	165	260	325	420
Internal dimension (WxDxH cms)	35 x 35 x 35	45 x 45 x 45	50 x 40 x 83	60 x 54 x 80	60 x 60 x 90	78 x 60 x 90
Volume (Cu ft)	1.5	3.5	6	9	11.5	14.8
No of trays	1	2	2	3	3	3

Optional:

- 7 days circular chart temperature recorder
- RS 232 Communication Port with interface and data cable to download data to your PC
- **PLC control system**- PLC control system ensures complete automatic operations along with high efficiency and great reliability. The main parameters of the process such as temperature, pressure, time are controlled and displayed on panel during entire cycle process. User can choose the desired program, initiate and terminate the cycle.
- Touch screen colour display