

Humidity Chambers

Interior made of thick gauge stainless steel sheet and exterior made of cold rolled mild steel sheets finished in powder coat. Inter space in between the walls is tightly packed with special grade glass wool. The door is double walled having toughened glass window and seals against atmospheric infiltration by resilient asbestos and rubber gasket. The inner chamber accommodates stainless steel trays at adjustable height. Humidity is controlled by Humidity controller, having range 35% to 100%, but humidity can be obtained from atmospheric humidity to 95% with sensitivity of $\pm 3\%$. Temperature controlled by a PID temperature controller from 0 °C to 60°C with an accuracy of $\pm 1^\circ\text{C}$.

Humidity is attained by the mist of water that is circulated inside the chamber for maintaining 40% to 95% humidity. A water reservoir will be provided with auto low level water cut off device and alarm.

Inner Chamber Size	Trays	Rating
455 x 455 x 710mm	2	1500 Watts
605 x 605 x 605mm	3	1750 Watts
605 x 605 x 9105mm	3	2000 Watts