



Product Code . JL-MAI-2465

Plant Growth Chamber

Description

Plant Growth Chamber

Plant Growth Chamber is a useful to conduct experiments on plant growth in certain controlled environmental conditions.

Double walled construction, inner made of anodized aluminium or stainless steel sheet and outer made of mild steel sheet duly finished in powder coated.

In addition to a double walled outer door.

A full-view clear acrylic door has been provided for inspection of material without disturbing chamber conditions.

Three perforated adjustable shelves are provided.

Temperature range from 5°C to $50^{\circ}\text{C} \pm 2^{\circ}\text{C}$ is controlled by a Digital Temperature Controller and Indicator.

Heating is achieved by insulated elements and cooling by a sealed compressor unit.

Inner cyclic illumination is controlled by a 0-24 hrs.

Timer and light intensity by a controller.

Humidity created in a stainless steel chamber heated by an immersion heater below the chamber, from ambient to $95\% \pm 3\%$ RH and is controlled by a humidity.

Chamber sizes available:-

Size (W x H x D)	Capacity
570 x 875 x 550 mms	10 cu ft.
775 x 900 x 775 mms	20 cu ft.
825 x 1200 x 825 mms	30 cu ft.
900 x 1720 x 800 mms	45 cu ft.