

Product Name :
Plant Growth Chamber**Product Code :**
NMCBS11104**Description :**

Plant Growth Chamber Plant Growth Chamber solutions offered by us are designed for studying effects of different environmental parameters like humidity micro-organisms, plants & tissues and other similar products. These Plant Growth chambers are frequently used for research applications like “ Lighting for vascular plants for facilitating standard plant production Plant pathology research Seedling germination & development These plant growth chambers and rooms are designed for maximizing growth area and come with features like superior process reliability, energy efficiency, low maintenance and light weight finish. For successful plant growth in laboratory, these growth chambers also provide “ Necessary light Enclosed humid atmosphere Warmth These are also suitable for investigation in effect of day light on flowering cycle, growth rate and other monitoring parameters. For superior performance and thermal insulation, special grade wool comes filled between the gaps of outer and inner walls. Construction: Have outer wall made of M.S. sheet (in duly painted finish) Inner wall made up of heavy gauge aluminum/S.S. sheet The space between outer and inner wall filled with high grade glass wool for avoiding thermal loss Other than outer double walled door, full view inner glass door allows close inspection of test samples without any possibility of disturbing inner chamber conditions Unit is supplied with three adjustable preformatted shelves Temperature Range: Temperature range from 5oC to 50oC+ 1oC Controlled by dual setting digital temperature indicator-cum-controller for setting two different temperatures for Day and Night with 7 day programmable micro processed control Humidity: Humidity from ambient to 95% +3% RH controlled by controller at temperature that ranges from ambient to 50oC which is achieved through injecting steam Arrangement for increasing humidity is provided in the system Cooling System: Chamber’s™s cooling system feature sealed compressor with all accessories & fan cooled condenser fitted at bottom exactly below working chambers This helps in providing for efficient cooled desired temperature Lighting System: Exterior illumination with fluorescent tubes comes fitted on both sides of chamber accounts for artificial day light Cyclic illumination conditions regulated by automatic 0-24 hrs timer When all tubes are in ON condition, temperature from 15oC to 50oC +1oC can be obtained Technical Specifications: SIZES(W x D x H) CAP. APPROX CAP 570 x 875 x 550 mm 10 cu. ft. 280 Ltrs 775 x 900 x 775 mm 20 cu. ft. 560 Ltrs 835 x 1200 x 825 mm 30 cu. ft. 840

Ltrs 900 x 1720 x 800 mm 45.8 cu. ft. 1282 Ltrs , Heat And Refrigeration System Exporters, Heat And Refrigeration System Manufacturers

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