

Technical Specifications

WALK IN INCUBATOR of 26 - 29 °C:

We require a WALK IN INCUBATOR of 26 - 29 °C with following specifications.

A General Details Incubator Room

External Room Size - Freezer Room - Ft– Approx 8.71 x 9.67 x 8

External Room Size - Freezer Room -Inch – Approx 104.5 x 116 x 96

Room Temperature required 26 to 29 Deg C

Max Ambient Temperature 43°C

B Product Details

Product to be stored Research sample (200 kg/day)

Door Openings 5-10 times per day

Lighting Load 2 Watts/sqmt

C Panel Details

Material Of Insulation Polyurethane Foam (PUF) with Cyclopentane blowing agent

Density of panels 40 +/- 2 Kg/cubic meter

Thickness Of Insulation for walls/Ceiling 60 mm

Thickness Of Insulation for floor 60 mm

Thickness Of Insulation for walls/Ceiling- Ante Room 60 mm

Lamination for Walls Walls have PP GI Sheet Both Sides

Lamination for Ceiling Walls have PP GI Sheet Both Sides

Lamination for floor Floor- PP Outer 18G GI anti skid

D Door Details

Door Clear Opening 34" x 78"

Insulation Thickness 60 mm

Type Of Door Hinged Door with Manual Swing

Number of doors 1 No.

Lamination for door PP Sheet on both side

E Refrigeration System Details

Type of System Split (Wall mounted)

Type of condenser

100% Copper Condenser with Golden Hydrophilic Fins Protection

Type of compressor Inverter Rotary

Total Capacity Of High Wall Split AC Units- 12000 BTU/Hr per unit (1 Ton), 3 star No. of High Wall Split AC Units 2 No.

Refrigerant R32

Compressor Run Time Solution recommends load sharing between 2 units after every 4 Hours

Electricity Power Supply 240 V/1 Ph /50 Hz

Temperature indicator

Digital Temperature indicator cum controller

F Heating System Details

Type of System

Automatic Industrial Room Heater (Wall mounted)

No. of Units 1 No.

Desired Temperature range 26-29 deg C

Wind temperature 10-15m/sec

Compressor Run Time Solution recommends load sharing between 2 units after every 4 Hours

Electricity Power Supply 220 V/1 Ph /50 Hz

Temperature indicator

Digital Temperature indicator cum controller

G Rack Details

Type MS angle iron rack with 4 shelves 2 Dimension (wxdxh) Feet 4 x 1.5 x 6

Adjustable Angle of 2 mm thickness (14 gauge), Shelf of 1mm thickness (20 gauge)

No. of Racks 6 No.