

Product Name :
ULTRA LOW TEMPERATURE CABINET UP TO (-80OC IN AC ROOM)

Product Code :
BMHCE0021



Description :

ULTRA LOW TEMPERATURE CABINET UP TO (-80OC IN AC ROOM)

Technical Specification :

Clients can avail from us high quality range of Ultra Low Temperature Research Cabinet, which is manufactured from quality approved stainless steel in compliance with international quality standards. This is broadly acknowledged for robust construction, corrosion resistance, high strength, easy installation, dimensional accuracy and longer service life. To ensure high quality, this Ultra Low Temperature Research Cabinet is stringently tested on various parameters. We offer this product in various specifications as per the needs of the clients.

Standard Models:
Vertical Models : 100 Ltrs, 175 Ltrs, 270 Ltrs, 325 Ltrs.

Horizontal Models: : 100 Ltrs, 155 Ltrs, 255 Ltrs, 345 Ltrs.

Temperature ranges: : -50C to ambient / -65C to ambient / -80C to ambient / -80C to -40C.

Technical Specifications

Temperature Controller:

- Digital microprocessor based temperature indicator cum controller with display resolution of 0.1C.
- Controlling accuracy $\pm 0.1^{\circ}\text{C}$ Minimum.
- Display accuracy $\pm 0.1^{\circ}\text{C}$, full scale.
- Class A grade PT-100 Sensor (RTD).

• Construction:

1. Inner Chamber made of duly polished Stainless Steel 304 Grade. Outer made of Mild Steel, powder coated.
2. Polystyrene Foam Insulation (PUF).
3. Wheels for easy movement.
4. Door with Handle, lock and magnetic gasket for leak proof.
5. Double walled, insulated, inner lined with SS & Foam sheet.
6. Sub-draws provided for each compartment.
7. Adjustable SS trays.

Refrigeration System:

1. Hermetically sealed EMERSON Copeland make compressor.
2. CFC free refrigerant fluid.
3. Fin and tube type air-cooled condenser.

Power Supply:

1. Single phase-230 Volts, 50 Hz.

Safety Features

1. HPI LP switch provided to high/low pressure cut off.
2. Temperature deviation high / low alarm (audio) with silence switch.

Optional:

1. Full stainless steel (Exterior).
2. Subtle Voltage Stabilizer.
3. Strip Chart recorder / Circular Chart recorder.
4. Freezers are available at various sizes as per customers' requirement.

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