

DEEP FREEZER -80° C



Description :-

Ultra-low temperature freezers are made with a complete SS chamber to avoid rusting and contamination. This machine comes with a real-time graph and data recording facility. Useful for low temperature quick freezing and storing of Vaccines, Biological and Medical Specimens, Blood Components and general laboratory freezing applications. Ultra-low temperature freezers come in a Touch panel with PLC and data logging facility to enhance advanced user experience. All laboratory deep freezers are equipped with a microprocessor-based PIO controller that features low and high alarms.

User Demands and We Customize (Application) :-

- Pharmaceutical Industry
- Food Industry
- Hospital
- Research & Development Labs
- Medical Use
- Blood Storage Bank
- IVF centers
- Storage of seafood



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Technical Specifications :-

Temperature range	Ambient to -80° C
Working Range	-40° C To -80 °C
Temperature Controlling	Microprocessor Controller based with L CD Display Digital Controller with High & Low-temperature alarm
Temperature Sensitivity	±0.1° C
Temperature Sensor	PT-100
Material of Construction	Inner Inner chamber made of Stainless Steel (55-304 grade) Outer The outer body is made of Mild Steel duly powder coated
Cooling	Hermetic Rotary Dual Compressor
Door handle	Sleek handle for easy door opening
Shelves	2 to 8
Refrigerant	R404 & 508 B Non-CFC & Mixed Gases With cascade system
Noise Level	Less than 65dBA
Voltage Stabilizer	5KV A Servo Stabilizer - Optiona



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Battery Back up	The display has 48 Hours back up - Optional
Power	220 V, Single phase, 50 Hz. AC supply
Power Consumption per day	5 kW/ Day to 12 kW /Day (Depend for Size / Capacity)
Power Consumption per day	5,000 to 50,000(Depend for Size / Capacity)

STANDARD SIZE AND DIMENSION :-

Order Information	Liters
HBS-DF80200	200 Liters
HBS-DF80350	350 Liters
HBS-DF80488	488 liters
HBS-DF80600	600 Liters

