



Ultra Low Freezers



The Ultra Low Freezers are specifically designed and suitable for Research Laboratories, Blood Banks, Biological and Industrial applications. The Ultra Low Freezers are high-tech units incorporating revolutionary cascade cooling system giving advantage to the users of rapid pull down of temperature up to -80°C.

These units are available in horizontal and vertical versions. Constructed of double walls, the exterior is made of sheet steel. The inner chamber is made of stainless steel. The unit is mounted on castor wheels for ease of mobility.

Salient Features:

- Temperature range (-40°C to -80°C) in AC room
- Stainless steel inner chamber
- Extremely efficient PUF insulation to minimize heat loss
- High-tech solid state digital indicator-cum-controller
- Counter balanced door
- Inside acrylic doors to avoid temperature loss

Optional Accessories:

- Microprocessor based temperature control system with Centronics interface for keeping hard copy of Temperature, Time & Date
- Seven days circular chart recorder
- RS - 485 interface to personal computer for multiple networking of freezers

Technical Data

	Vertical Freezers		Horizontal Freezers	
	UDFV-90	UDFV-185	UDF-85	UDF-165
Internal Volume	90 Ltrs.	185 Ltrs.	85 Ltrs.	165 Ltrs.
Internal Dimensions W x D x H (mm)	400 x 400 x 580	510 x 510 x 730	480 x 355 x 480	935 x 355 x 480
External Dimensions W x D x H (mm)	645 x 850 x 1450	760 x 940 x 1575	1270 x 610 x 990	1740 x 610 x 1000
Temperature Control	Microprocessor			
Temperature Range	-40°C to -80°C			
Display	LED			
Inner Chamber Material	Stainless Steel 304 (AISI Grade, Non Corrosive, Non Magnetic)			
Outer Body Material	Powder Coated CRCA Steel			
Insulation	120 mm minimum, CFC free polyurethane foam			
Electrical	220-240 volts, 50 Hz, Single Phase			

