

Quick Freezers



These Quick Freezers are designed for quick freezing and storing of Blood Components, Serum, Vaccines, Biological and Medical Specimens, Clinical Samples etc. at low temperatures.

These units are available in horizontal and vertical versions. Constructed of double walls, the exterior is made of sheet steel while the interior of stainless steel having PUF insulation to minimize heat loss.

Salient Features:

- Choice of 10 different models to suit individual needs
- Low Temperature up to -40°C (in AC room)
- Stainless steel inner chamber
- Extremely efficient PUF insulation to minimize heat loss
- High-tech solid state digital indicator-cum-controller

Optional Accessories:

- GMP model with inner chamber of SS 316 and outer body of SS 304 stainless steel is also available with IQ, OQ & PQ documentation
- Microprocessor based temperature control system with Centronics interface for keeping hard copy of Temperature, Time & Date
- RS-485 interface to personal computer for multiple networking of freezers
- Seven days circular chart recorder

Technical Data										
	Vertical Freezers					Horizontal Freezers				
	RQFV-170	RQFV-170(D)	RQFV-265	RQFV-265(D)	RQFV-450	RQF-170	RQF-170(D)	RQF-265	RQF-265(D)	RQF-425
Minimum Temperature	-20°C	-40°C	-20°C	-40°C	-20°C	-20°C	-40°C	-20°C	-40°C	-20°C
Internal Volume	170Ltrs.		265Ltrs.		450Ltrs.	170Ltrs.		265Ltrs.		425Ltrs.
Int. Dimensions W x D x H (mm)	500 x 430 x 850		580 x 500 x 990		700 x 600 x 1110	600 x 400 x 700		950 x 400 x 700		1100 x 500 x 780
Ext. Dimensions W x D x H (mm)	630 x 580 x 1380		700 x 660 x 1590		830 x 760 x 1770	1150 x 500 x 910		1500 x 500 x 910		1660 x 600 x 940
Inner Chamber Material	Stainless Steel 304 (AISI Grade, Non Corrosive, Non Magnetic)									
Outer Body Material	Powder Coated CRCA Steel									
Recommended Voltage Stabilizer	VS - 02		VS - 02		VS - 03	VS - 01	VS - 02	VS - 01	VS - 02	VS - 03
Electrical	220-240 volts, 50 Hz, SINGLE PHASE									



Specifications subject to change without notice

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			

