Laboratory Combined Isolated Refrigerator – Freezer (for Blood Bank & Pharmacy)

-10°C to -40°C (Freezer) | +2°C to +8°C / 0°C to +14°C (Refrigerator)

In line with the growing emphasis on proper storage of laboratory and pharmaceutical materials, our Laboratory Combined Refrigerator-Freezer is the combo which combines high performance refrigeration control and monitoring systems with energy efficient and cost-effective chamber design.

Features:

- ✓ Precise microcomputer temperature control
- ✓ Simple to operate
- ✓ Forced-air circulation for enhanced temperature distribution and uniformity
- ✓ Combined refrigerator-freezer for space saving
- ✓ Visual and audible alarm alerts
- ✓ Low-noise compressor

VC F-180

VC F-400 ISO

Model	VC F-180	VC F-400 ISO
Overall Dim. Ext (mm) W x D x H	570 x 670 x 1450	770 x 715 x 1980
Overall Capacity	185L	430L
Int. Chamber / Ext. Chamber	Stainless Steel 304	Stainless Steel 304 /Epoxy Coated Mild Steel
Temp. Controller	Temp adjustable, LED digital microprocessor PID	
Refrigerator		
❖ Dim. Int (mm) W x D x H	470 x 520 x 550	550 x 520 x 425 (Solid Door) Bottom
❖ Capacity	135L	120L
❖ Temp. Accuracy	±1°C	
❖ Temp. Control	Forced-air circulation Auto Defrost 0°C to ±14°C with 3 Drawers/Shelves	
❖ Refrigerant	R134a CFC-free	
Freezer		
❖ Dim. Int (mm) W x D x H	470 x 520 x 200	660 x 610 x 800 (Glass Door) Upper
❖ Capacity	50L	320L
❖ Temp. Accuracy	±2°C	
❖ Temp. Control	Direct Cooling -10°C to -25°C	Direct Cooling -0°C to -40°C
❖ Refrigerant	R404a / R134a CFC-free	
Door	Freezer – 1 no. solid door & Refrigerator - 1 no. heated glass door	2 nos Upper Glass door, Bottom Solid Door
Door Lock / Castor	2 nos. / 4 nos.	2 nos. / 4 nos.
PVC Shelves	2 nos.	2 nos.
Compressor	1/3 HP Semi-hermetic	3/4 HP Semi-hermetic
Condenser	Air cooled fin and tube	
Drainage	Hot pipe evaporation type	
Power Voltage	240Vac 50Hz Single Phase (60Hz for others)	
Alarm System		
- Hi/Low Alarm	√	√
- Power Failure	√	√
- Remote Alarm Contact	√	√
Safety Features & Certification	ISO 13485, Electric Safety Test (EST) IEC 61010-1 (2010), GDPMD, ISO IEC 17025	