



# Laboratory Combined Refrigerator – Freezer

(for Blood Bank & Pharmacy)

-10°C to -40°C (Freezer) | +2°C to +8°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

Model	VC F-180	VC F-400
Overall Dim. Ext (mm) W x D x H	570 x 670 x 1450	750 x 790 x 2070
Overall Capacity	185L	465L
Int. Chamber / Ext. Chamber	Stainless Steel 304	Stainless Steel 304 /Epoxy Coated Mild Steel
Temp. Controller	Temp adjustable, LED digital microprocessor PID	
<b>Refrigerator</b>		
❖ Dim. Int (mm) W x D x H	470 x 520 x 550	610 x 610 x 900
❖ Capacity	135L	335L
❖ Temp. Accuracy	±1°C	
❖ Temp. Control	Forced-air circulation Auto Defrost +2°C to +8°C with 3 Drawers/Shelves	
❖ Refrigerant	R134a CFC-free	
<b>Freezer</b>		
❖ Dim. Int (mm) W x D x H	470 x 520 x 200	610 x 610 x 350
❖ Capacity	50L	130L
❖ Temp. Accuracy	±2°C	
❖ Temp. Control	Direct Cooling -10°C to -25°C	Direct Cooling -10°C to -40°C
❖ Refrigerant	R404a/R507 CFC-free	
Door	Freezer – 1 no. solid door & Refrigerator - 1 no. heated glass door	
Door Lock / Castor	2 nos. / 4 nos.	2 nos. / 4 nos.
PVC Shelves	2 nos.	4 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)	
<b>Alarm System</b>		
- 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	