



# Low Temperature Freezer

**-10°C to -40°C**

Our Low Temperature Freezers are designed and fabricated to provide specialized cold storage environment/long-term preservation for enzymes, vaccines, biological tissues and organs, reagents, as well as other temperature-sensitive materials at stable low temperatures range from -10°C to -40°C. We offer various unit sizes, ranging from 50L to 525L, includes digital temperature touch screen display, standard LED alarm system, inner doors for added security, and swivel castors. Suitable for scientific research institutions, hospitals, laboratories, sanitation and anti-epidemic station, electronics, chemical industry, machinery industry, fishery industry, etc.

### Features:

- ✓ User-friendly design and easy-to-manage layout
- ✓ Precise microcomputer temperature control
- ✓ Auto-defrost
- ✓ Forced-air circulation for enhanced temperature stability
- ✓ Easy-to-read LED temperature display
- ✓ Visual and audible alarm alerts
- ✓ Low-noise compressor
- ✓ Large temperature ranges for storing goods: from -10°C to -40°C



VF 40U-50



VF 40U-135



VF 40U-200



VF 40U-280(D)

Model	VF 40U-50	VF 40U-135	VF 40U-200	VF 40U-280(D)
Dim. Ext (mm) W x D x H	540 x 620 x 1115	570 x 670 x 1135	700 x 655 x 1545	700 x 696 x 1743
Dim. Int (mm) W x D x H	361 x 429 x 406	470 x 520 x 550	506 x 466 x 1005	506 x 466 x 1203
Capacity	50L	135L	200L	280L
Internal Chamber	Stainless Steel	Stainless Steel	Stainless Steel	ABS
External Chamber	Epoxy Mild Steel	Stainless Steel	Epoxy Mild Steel	ABS
Temp. Controller	Temp adjustable, LED display			
Internal Air Circulation	Direct			
Refrigerant	R404a CFC Free			
Drawer / Shelves	3 nos. / 0	0 / 2 nos.	0 / 2 nos.	4 / 2 nos.
Door Lock / Castor	1 no. / 4 nos.	1 no. / 4 nos.	1 no. / 4 nos.	1 no. / 4 nos.
Comp. Recip. Hermetic	260W	280W	280W	280W
Power Voltage	230Vac 50Hz Single Phase (60Hz for others)			
Standard LED Alarm System				
- Hi/Low Alarm	✓	✓	✓	✓
- Power Failure	✓	✓	✓	✓
Safety Features & Certification	ISO 13485, Electric Safety Test (EST) IEC 61010-1 (2010), GDPMD, ISO IEC 17025			