



Ultra-Low Temperature Freezer

-10°C to -86°C

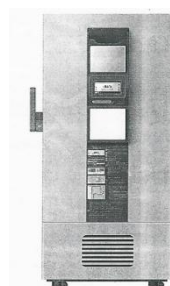
Our Ultra Low Temperature Freezers are designed to preserve biological samples/specimens at stable temperatures from -10°C to as low as -86°C. These ULT Freezers are available in both upright and chest-types, and come in various sizes to fit all your research application needs. Applications can be found in blood banks, hospitals, epidemic prevention services, research institutes, laboratories in electronic and chemical plants, biological engineering institutes and marine fishery companies.

Features:

- ✓ Easy to operate
- ✓ Precise microcomputer temperature control
- ✓ Auto-defrost
- ✓ Forced-air circulation for enhanced temperature stability
- ✓ Easy-to-read LED temperature display
- ✓ Visual and audible alarm alerts
- ✓ High efficiency refrigeration system with double compressors
- ✓ Low-noise compressor
- ✓ Large temperature ranges for storing goods: from -10°C to -86°C



VF 86U-188



VF 86U-588/700 (VIP)



VF 86U-500/600

Model	VF 86U-188	VF 86U-588 (VIP)	VF 86U-700 (VIP)	VF 86U-500	VF 86U-600
Dim. Ext (mm) W x D x H	830 x 810 x 1607.5	1100 x 871 x 1994.5	1218 x 970 x 1994.5	930 x 1000 x 1980	960 x 970 x 1920
Dim. Int (mm) W x D x H	465 x 465 x 830	606 x 738 x 1310	963 x 558 x 1350	570 x 710 x 1225	700 x 680 x 1255
Capacity	188L	588L	700L	500L	600L
Internal & External Chamber	Stainless Steel, SUS-304 / Epoxy Coated Mild Steel				
Temp. Controller	Digital display microprocessor, increment 0.1°C with compressor delay start-up temperature offset for calibration mode, auto defrost high & low alarm				
Temp. Pull Down Rate	Ambient +25°C to -86°C approx. 3 to 5 hours				
Internal Air Circulation	Direct				
Refrigerant	CFC-Free Mixed Gas				
Insulation Foaming	100mm	100mm	100mm	100mm	100mm
Door Lock / Castor	1 no. / 4 nos.	1 no. / 4 nos.	1 no. / 4 nos.	1 no. / 4 nos.	1 no. / 4 nos.
Adjustable Shelves	2pcs	3pcs	3pcs	3 pcs	3pcs
Inner Door	1 no.	2 nos.	4 nos	4 nos	4 nos
Comp. Recip. Hermetic	2 x 1/2 HP	2 x 3/4 HP	2 x 3/4 HP	2 x 3/4 HP	2 x 3/4 HP
Power Voltage	220Vac 50Hz Single Phase (60Hz for others)				
Standard LED Alarm System					
- Hi/Low Alarm	✓	✓	✓	✓	✓
- Power Failure	✓	✓	✓	✓	✓
- Low Battery	✓	✓	✓	✓	✓
- Door Ajar	✓	✓	✓	✓	✓
- Condenser Dirty Alarm	✓	✓	✓	✓	✓
- High Ambient Temp. Alarm		✓			
* Accessories (Optional)	Door Fan Switch				
Safety Features & Certification	ISO 13485, Electric Safety Test (EST) IEC 61010-1 (2010), GDPMD, ISO IEC 17025				