



ULT Upright Freezer (50L - 400L)

-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-50 /100/200/300/400

Model	VF 86U-50	VF 86U-100	VF 86U-200	VF 86U-300	VF 86U-400
Dim. Ext (mm) W x D x H	560 x 625 x 1110	720 x 735 x 1260	875 x 735 x 1480	860 x 740 x 1810	860 x 930 x 1950
Dim. Int (mm) W x D x H	364 x 405 x 409	460 x 460 x 510	570 x 485 x 800	570 x 485 x 1140	550 x 630 x 1140
Capacity	50L	100L	200L	300L	400L
Internal Chamber	Stainless Steel, SUS 304	Stainless Steel, SUS 304	Stainless Steel, SUS 304	Stainless Steel, SUS 304	Stainless Steel, SUS 304
External Chamber	Stainless Steel, SUS 304	Stainless Steel, SUS 304	Color Spray Steel	Color Spray Steel	Color Spray Steel
Temp. Controller	LED Digital Microprocessor – Auto defrost, delay start-up, offset mode				
Temp.Pull Down Rate	Ambient +25°C to -86°C approx. 3to5hours				
Internal Air Circulation	Direct				
Refrigerant	R404a CFC Free Mixed Gas				
Insulation Foaming	60mm	100mm	100mm	100mm	100mm
Door Lock/ Castor	1 no./4nos.	1 no./4nos.	1 no./4nos.	1 no./4nos.	1 no./4nos.
Adjustable Shelves	2 nos.	2 nos.	2 nos.	2 nos.	2 nos.
Inner Door	1 no.	1 no.	1 no.	1 no.	1 no.
Comp.Recip.Hermetic	260W	2 x ½ HP	2 x ½ HP	2 x ½ HP	2 x ½ HP
Power Voltage	240Vac 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)	Touchscreen/Rack/Remote Temperature Monitoring Module/Message Alarm/Circular-chart Recorder				
Safety Features & Certification	ISO 13485, Electric Safety Test (EST) IEC 61010-1 (2010), GDPMD, ISO IEC 17025				

- **NOTE : WITH MDA CLASS A CERTIFICATE (MODEL:VC)**
- **Capacity may vary according to the loading preferences and contents. Can be customized**