



ULT Upright Freezer (500L - 800L) (Dual Compressor Touchscreen)

-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

(Dual Compressor Touchscreen)



VF 86U-500/600/700/800

Model	VF 86U-500	VF 86U-600	VF 86U-700	VF 86U-800
Dim. Ext (mm) W x D x H	875 x 730 x 1900	960 x 970 x 1920	1155 x 980 x 1860	1155 x 980 x 2025
Dim. Int (mm) W x D x H	700 x 655 x 1150	700 x 680 x 1255	850 x 735 x 1170	850 x 735 x 1335
Capacity	500L	600L	700L	800L
Internal Chamber	Stainless Steel, SUS 304			
External Chamber	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	125mm	125mm	125mm	125mm
Door Lock/ Castor	1 no./4nos.	1 no./4nos.	1 no./4nos.	1 no./4nos.
Adjustable Shelves	3 nos. S.Steel	3 nos. S.Steel	3 nos. S.Steel	3 nos. S.Steel
Inner Door	4 nos.(lockable)	4 nos.(lockable)	4 nos.(lockable)	4 nos.(lockable)
Comp.Recip.Hermetic	2 x ¾ HP	2 x ¾ HP	2 x ¾ HP	2 x ¾ HP
Power Voltage	230/240Vac 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, RS 485			
Safety Features & Certification	ISO 13485, Electric Safety Test (EST) IEC 61010-1 (2010), GDPMD,SO IEC 17025			

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