



Ultra-Low Temperature Chest 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 86H-50



VF 86H-100/200/300/400/520/620

Model	VF 86H-50	VF 86H-100	VF 86H-200	VF 86H-300	VF 86H-400	VF 86H-520	VF 86H-620
Dim. Ext (mm) W x D x H	670 x 670 x 1025	1270 x 790 x 990	1510 x 895 x 1095	1810 x 885 x 1095	2115 x 895 x 1095	1855 x 890 x 1005	2115 x 890 x 1005
Dim. Int (mm) W x D x H	410 x 410 x 385	540 x 400 x 590	780 x 500 x 690	1080 x 500 x 660	1380 x 500 x 690	1220 x 600 x 695	1480 x 600 x 695
Capacity	50L	100L	200L	300L	400L	520L	620L
Internal Chamber	Stainless Steel						
External Chamber	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 Cooling System						
Refrigerant CFC	CFC-Free Mixed Gas						
Insulation Foaming	100mm	100mm	100mm	100mm	150mm	150mm	150mm
Door Lock / Castor	1 no. / 4 nos.	1 no. / 4 nos.	1 no. / 4 nos.	1 no. / 4 nos.	1 no. / 4 nos.	1 no. / 4 nos.	1 no./6 nos.
Comp.Recip.Hermetic	1 x ¾ HP	1 x ¾ HP	1 x ¾ HP	2 x ¾ HP	2 x ¾ HP	2 x ¾ HP	2 x ¾ HP
Power Voltage	220 Vac 50Hz Single Phase (60Hz for others)						
Standard LED Alarm System							
- Hi/Low Alarm	✓	✓	✓	✓	✓	✓	✓
- Power Failure	✓	✓	✓	✓	✓	✓	✓
- Lower 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						

• **NOTE : WITH MDA CLASS A CERTIFICATE (MODEL:VC)**