



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 86H-50



VF 86H-120/250/350



VF 86H-500

Model	VF 86H-50	VF 86H-120	VF 86H-250	VF 86H-350	VF 86H-500
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
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
Capacity	50L	120L	250L	350L	500L
Internal & External Chamber	Stainless Steel / 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	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.
Comp. Recip. Hermetic	2 x 3/4 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				