

## -40°C Biomedical Freezer

### FSF-40V528

This products designed to store vaccines blood plasma, and many other biological materials, Installations can be found in researching institution and clinical sites in life science, electronic testing and medical markets.



Drawers and



Pressure balance



### Reliability

- Two temperature control systems with double door construction.
- Flexible and easy storage by height-adjustable shelf trays
- Maintains the quality of the samples during preservation
- 2 completely independent chambers with their own temperature displays

### Key Features

- Two- Door freezers are equipped with various specifications that enable flexibility and maintain the quality of the samples during preservation such as height-adjustable shelf trays.
- The separate top and bottom doors suppress cold air leakage and 2 completely independent chambers each has its own temperature control.

### Features

- Height-adjustable shelf trays allow you to adjust the inside of the chambers according to the size of the samples. By changing the height of the shelf trays, the unit can accommodate various sizes of samples including stored in your conventional models.
- Door latch with provision for a padlock for extra protection of samples.

- Equipped with separate doors that suppress the leakage of cold air during opening and closing of the doors, and manual defrosting that helps avoid temperature impact on the samples.

### Easy To Clean

- Top and bottom chambers are equipped with 2 independent refrigeration circuits that enables separate temperature settings and defrosting for the two chambers.
- With the capability to defrost the top and bottom chambers separately, the unit makes it easy to transfer samples during defrosting.

### Safety Designe

- To securely preserve/manage the valuable samples, in addition to a standard-feature door lock, a hole in the latch allows a padlock to be attached.
- Security functions that help protect valuable samples with a temperature control capability that inhibits the change in temperature inside the chamber, and an alarm/security function that prevents errors, the unit maintains the quality of the preserved samples. Temperature recorder (optional)
- Front-mounted display/control panel located at convenient height for easy access
- Insulated door with gasket for sample protection and uniformity

### Special:

**Top and bottom chambers are equipped with 2 independent refrigeration circuits  
The separate top and bottom doors suppress cold air leakage for easy opening.**

Performance		Refrigeration System	
<b>Cooling method</b>	Direct cooling	<b>Compressor brand/QTY</b>	CUBIGEL/2
<b>Defrost</b>	Manual	<b>Condenser</b>	Copper tube
<b>Refrigerant</b>	R290	<b>Temperature controller</b>	Microprocessor
<b>Temperature range</b>	-20°C~-40° C	<b>Sensor</b>	NTC
<b>Ambient temperature</b>	10~32°C	<b>Display</b>	Digital display

Electrical Data		Dimensions	
<b>Voltage frequency( V/Hz)</b>	220/50Hz	<b>Capacity (L/cu.ft)</b>	528/18.64
<b>Power (W)</b>	340W	<b>Exterior size(W*D*H)(mm)</b>	910*845*1875
<b>Current (A)</b>	3.4 A	<b>Interior size(W*D*H)(mm)</b>	(651*631.5*635)*2

Alarms		Other	
<b>High/low temperature</b>	Y	<b>Inside door</b>	9 Drawer×2
<b>Power failure</b>	Y	<b>Test hole QTY/diameter</b>	2/25MM
<b>Sensor error</b>	Y	<b>Remote alarm port</b>	Y
<b>Temperature controller failure</b>	Y	<b>Castor</b>	Y