



## ULTRA LOW TEMPERATURE FREEZER

UP-RIGHT TYPE  
FREEZERS  
-40 / -55 / -86°C



### GENERAL SPECIFICATION :

- -86 -55 -40°C up-right freezers
- Double-sealed silicon heated gasket to prevent ice collecting
- Vacuum relief port for easy door opening
- Automatic timer restart system after power failure
- Automatic voltage booster
- Four inner doors to minimize cold air loss when accessing the products
- CFC-Free refrigerant system, air cooled condenser (water cooled optional)
- Stainless steel interior
- 130mm of high density polyurethane foam insulation
- Option : racks, cryo box, CO2 backup system, recorder, remote alarm system

### CONTROL SYSTEM :

- Microprocessor control system
- Digital display (0.1°C increment)
- Password protected set point

### ALARM SYSTEM :

- Built-in, safety alarm system (audible & visual warning) in cases of power failure, sudden rise in temperature and open door
- Indicator advises to user to clean condenser filter

Model	DFU-128E			DFU-256E			DFU-374E			DFU-446E			DFU-558E			DFU-657E			DFU-740E		
Type	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
Max Temp.	-40°C	-55°C	-86°C	-40°C	-55°C	-86°C	-40°C	-55°C	-86°C	-40°C	-55°C	-86°C	-40°C	-55°C	-86°C	-40°C	-55°C	-86°C	-40°C	-55°C	-86°C
Dimensions (LxPxH)	Out. 710 x 750 x 1350			Out. 710 x 750 x 1950			Out. 860 x 750 x 1950			Out. 860 x 880 x 1950			Out. 1000 x 880 x 1950			Out. 1000 x 950 x 1950			Out. 1000 x 1010 x 2040		
	In. 450 x 475 x 600			In. 450 x 475 x 1200			In. 600 x 520 x 1200			In. 600 x 620 x 1200			In. 750 x 620 x 1200			In. 750 x 730 x 1200			In. 750 x 750 x 1300		
Compressors	1/2hp	1hp	2x1hp	1/2hp	1hp	2x1hp	1/2hp	1.5hp	2x1.5hp	3/4hp	1.5hp	2x1.5hp	1hp	2hp	2x1.5hp	1.5hp	2hp	2x1.5hp	1.5hp	2hp	2x1.5hp
Capacity	128L			256L			374L			446L			558L			657L			731L		
Doors(in/out)	3/1			4/1			4/1			4/1			4/1			4/1			4/1		
Power supply	3.2A	4A	7A	3.2A	4A	7A	3.2A	5.5A	8A	4.2A	5.5A	8A	5.5A	7A	9A	6.9A	7A	9A	6.9A	7A	9A
	220V 1ph			220V 1ph			220V 1ph			220V 1ph			220V 1ph			220V 1ph			220V 1ph		
Validation	Option			Option			Option			Option			Option			Option			Option		
Weight	190Kg	210Kg	220Kg	275Kg	295Kg	305Kg	350Kg	370Kg	380Kg	360Kg	380Kg	390Kg	380Kg	400Kg	410Kg	395Kg	415Kg	425Kg	425Kg	445Kg	455Kg