-40°C FREEZER

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Innovative design and highly efficient for the user to use them for storing laboratory materials such as vaccines, biological samples, enzymes and protein samples. Excellent temperature uniformity, reliable environment monitoring and rust free construction supports this product to become an ideal choice.

Used in Routine Cold Storage, Laboratories, Biologicals, Pharmaceuticals, Clinical, Research.

Also known as Laboratory ULT freezer, ULT Freezer, Ultra-low Freezer.

ULT23 -10°C TO -40°C ULTRA LOW TEMPERATURE FREEZER

LED digital display and increment at 0.1°C

Permanently lubricated cooling fan for safety and longevity

Independent inner door to avoid more cooling leaking out, and provide more stable inside temperature performance

High density CFC-Free urethane foam insulation

Build-in lock with safety

Lockable caster design

Chemically stable, CFC -free, commercially available and environmentally safe refrigerant

Optimized refrigeration system designed to maximize cooling effect and temperature uniformity

Visible and Audible alarm

Corrosion proof cabinet interior design

Power failure protect: the device would be attack by the high current when all devices restart simultaneously, the start-delay function would protect device from the damage

SPECIFICATIONS

Model	ULT23-105	ULT23-485	ULT23-268	ULT23-278
Capacity	105 L	485 L	268 L	278 L
Temperature Range	-10°C to -40°C		-30°C to -40°C	
Ambient Temperature	10°C ~ +32°C			
Defrosting	Manual			
Cooling Type	Direct Cooling			
Insulation Material	PURF			
Refrigerant	HC-R290		R290	
Internal Dimension	480x380x665 mm	1455x525x665 mm	508x455x1137 mm	480x415x1460 mm
Overall Dimension	680x580x935 mm	1655x755x915 mm	673x676x1630 mm	659x600x1694 mm
Package Size	740x680x970 mm	1750x875x1050 mm	770x770x1804 mm	710x650x1800 mm
Interior	Stainless steel		Color sprayed steel	
Exterior	Color sprayed steel			
Controller	Microprocessor, Digital display			
Sensor	NTC			
Compressor Brand/QTY	CUBIGEL/1			
Condenser	Wire tube			Inside foaming
Noise Level	50 db	55 db	48 db	50 db

Alarm	High/low temperature, Power off, Sensor malfunction, Temperature controller malfunction			High/low temperature, Sensor malfunction, Temperature controller malfunction, Door ajar
Standard Accessories	Foot, Castor, Test hole 1/25 mm	Foot, Castor	Caster	Foot, Castor, Inner door-7drawers
Weight (Net/Gross)	62/70 kg	124 /138 kg	98.5/115 kg	110/120 kg
Rated Power	120 W	295 W	300 W	185 W
Power Consumption (Kwh/24hrs)	1.65	3.45	4	1.5
Rated Current A	1.05	2.45	1.6 A	1.5 A
Power Supply	220V, 50Hz		220 V, 50 Hz	
Optional Accessories	-	Test hole 1/25 mm	Test hole	USB data logging, Temperature recorder
Drawers/Shelves	-	-	Shelves	Drawers

Model	ULT23-328	ULT23-528	ULT23-936
Capacity	328 L	528 L	936 L
Temperature Range	-30°C to -40°C	-20°C to -40°C	-25°C to -40°C
Ambient Temperature	10°C ~ +32°C		
Defrosting	Manual		
Cooling Type	Direct Cooling		
Insulation Material	PURF		
Refrigerant	R290		Mixed-gas
Internal Dimension	508x455x1393 mm	(651x631.5x635)x2 mm	1000x700x1335 mm
Overall Dimension	673x676x1886 mm	900x818.5x1828 mm	1304x1000x2017 mm
Package Size	770x770x2040 mm	997x912x1982 mm	1350x1080x2150 mm
Interior	Color sprayed steel		Stainless steel
Exterior	Color sprayed steel		
Controller	Microprocessor, Digital display		
Sensor	NTC		PTC
Compressor Brand/QTY	CUBIGEL/1	SECOP/1	
Condenser	Wire tube	Copper tube	Copper tube and finned
Noise Level	50 db	55 db	50 db
Alarm	High/low temperature, Power failure, Sensor malfunction, Temperature controller malfunction, Door ajar	High/low temperature, Power failure, Sensor malfunction, Temperature controller malfunction	High/low temperature, Power failure, Sensor malfunction, Filter screen check, Temperature controller malfunction, Low battery, Condenser clean, High ambient temperature, Door ajar
Standard Accessories	Foot, Castor, Inner door, Remote alarm port	Foot, Castor, Inner door-9 drawerx2, Test hole 2/25 mm, Remote alarm port	Castor, Inner door, Test hole 1/18 mm, Remote alarm port, USB port
Weight (Net/Gross)	113/131 kg	160/180 kg	310/330 kg
Rated Power	300 W	345 W	1000 W
Power Consumption (Kwh/24hrs)	4	6.7	14.5
Rated Current A	1.6 A	2.9 A	5.8 A
Power Supply	220 V, 50 Hz		
Optional Accessories	Test hole, USB data logging, Temperature recorder	USB data logging, Temperature recorder	
Drawers/Shelves	Shelves		

ULT23-105

ULT23-485

ULT23-268

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