

# **-10°C TO -86°C ULTRA LOW TEMPERATURE FREEZER ULT34-0728**



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Designed with microprocessor-based temperature controller and used for dependability and sample protection on daily basis. High-quality proven components with energy-efficient refrigeration design and majorly used in hospitals, clinics, blood banks and research institutes for preservation of plasma, tissue cultures and microbial cultures.

Used in Preservation Of Plasma, Microbial Cultures, Tissues, Cell Lines, Clinical, Industrial, Research.

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

## ULT34-0728 -10°C TO -86°C ULTRA LOW TEMPERATURE FREEZER

Settable high temperature and low temperature alarms

Automatic clean-filter alarm and sensor error alert

Adjustable storage shelf height

Unique insulated inner door design for four separate storage compartments to minimize frost buildup inside the chamber

Specialized control system design for a well-balanced operation of cascade refrigeration system

Audible and visible alarm

Door open feature standard and USB port for temperature data downloading standard on upright models

Remote alarm contacts

Unique door seal design for the minimum loss of cold temperature during a door opening

High performance VIP insulation panels to minimize cabinet heat gain and to improve temperature stability



### SPECIFICATIONS

Model	ULT34-0728
Capacity	728 L
Temperature Range	-40°C to -86°C
Ambient Temperature	10°C ~ +32°C
Temperature Increment	1°C
Defrosting	Manual
Cooling Type	Direct Cooling
Insulation Material	PURF
Refrigerant	HC
Internal Dimension	963x558x1350 mm
Overall Dimension	1248x975x1994.5 mm
Package Size	1320x970x2185 mm
Drawers/Shelves	Stainless steel shelf/3
Interior	Stainless steel
Exterior	Color sprayed steel
Controller	Microprocessor, Digital display

Sensor	PTC
Compressor Brand/QTY	SECOP/2
Evaporator	Submerged coil evaporator
Evaporator Material	Copper tube evaporator
Condenser	Copper tube and finned
Noise Level	53 db
Alarm	High/low temperature, Power off, Sensor malfunction, Abnormal voltage, Filter screen check, Thermostat failure, Low battery, Condensor clean, High ambient temperature, Door ajar
Standard Accessories	Castor, Inner doorx2, Test hole 1/25 mm, USB port
Optional Accessories	Data logger, CO2 backup system, LN2 backup system, Temperature recorder, Storage racks and storage box
Weight (Net/Gross)	320 / 350 kg
Rated Power	935 W
Power Consumption ( Kwh/24hrs )	15.4
Rated Current A	7
Power Supply	220V, 50Hz



**Biozef**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [info@biozef.com](mailto:info@biozef.com) | Website: [biozef.com](http://biozef.com)