



## -86°C ULT FREEZER CHEST BFRZ-86-201

## -86°C ULT FREEZER CHEST BFRZ-86-201

Freezers designed for daily sample protection and dependability. Environment friendly with safety features, these freezers provide outstanding thermal stability for a huge amount of samples. Modify your requirements with several optional features including chart recorder, CO2 back-up system, storage racks and remote alarm system.

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

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

## BFRZ-86-201 -86°C ULT FREEZER CHEST



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                | BFRZ-86-201                                                  |
| Capacity             | 105 L                                                        |
| Temperature Range    | -40°C to -86°C                                               |
| Ambient Temperature  | 10°C ~ +32°C                                                 |
| Defrosting           | Manual                                                       |
| Cooling Type         | Direct Cooling                                               |
| Insulation Material  | PURF                                                         |
| Refrigerant          | Mixed-gas                                                    |
| Internal Dimension   | 480x380x665 mm                                               |
| Overall Dimension    | 680x580x935 mm                                               |
| Package Size         | 770x705x1090 mm                                              |
| Interior             | Stainless steel                                              |
| Exterior             | Color sprayed steel                                          |
| Controller           | Microprocessor, Digital display                              |
| Sensor               | PTC                                                          |
| Compressor Brand/QTY | CUBIGEL/1                                                    |
| Evaporator           | Submerged coil evaporator                                    |
| Evaporator Material  | Copper tube evaporator                                       |
| Condenser            | Copper tube and finned                                       |
| Noise Level          | 50 db                                                        |
| Alarm                | High/low temperature, Sensor malfunction, Thermostat failure |

|                                 |                                                                   |
|---------------------------------|-------------------------------------------------------------------|
| Standard Accessories            | Castor, Test hole 1/25 mm                                         |
| Optional Accessories            | Chart recorder, Data logger, CO2 backup system, LN2 backup system |
| Weight (Net/Gross)              | 42/45 kg                                                          |
| Power Consumption ( Kwh/24hrs ) | 3.8                                                               |
| Rated Current A                 | 2.2                                                               |
| Power Supply                    | 220V, 50Hz                                                        |



Biolab Scientific Ltd.

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada  
Email: [contact@biolabscientific.com](mailto:contact@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)