

# **-10°C TO -86°C ULTRA LOW TEMPERATURE FREEZER ULT34-838B**



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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.

## ULT34-838B -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                 | ULT34-838B                      |
| Capacity              | 838 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    | 894x718x1310 mm                 |
| Overall Dimension     | 1179x1135x1994.5 mm             |
| Package Size          | 1212x1098x2185 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                     | 55 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)              | 397 / 430 kg  |
| Rated Power                     | 890 W   |
| Power Consumption ( Kwh/24hrs ) | 15  |
| Rated Current A                 | 7   |
| Power Supply                    | 220V, 50Hz  |



**Labtare USA**

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