

-10°C TO -86°C ULTRA LOW TEMPERATURE FREEZER ULT31-0398



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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.

ULT31-0398 -10°C TO -86°C ULTRA LOW TEMPERATURE FREEZER

Microprocessor-based temperature controller

Digital temperature display

Stainless steel interior and painted steel board exterior

Adjustable stainless steel shelves with inner door

Front lockable door design with full height handle and vacuum release port

Two-times foaming technology with double silicon gasket seal

Polycarbonate insulated inner doors

Temperature printer which record 7 days data

72 hours battery backup for printer and controller display

Keyboard lock and password protected configuration page

EBM fan electromotor

Unique refrigeration circulation and unipolar compressor oil-lubricated technology

Mixed Refrigerant: CFC Free R134a, R404a, R23, R410A, and N2

4 casters for easy handling

SPECIFICATIONS

| | |
|---------------------------|------------------|
| Model | ULT31-0398 |
| Capacity | 398 L |
| Temperature Range | -40°C to -86°C |
| Ambient Temperature | 16°C ~ +32°C |
| Cooling Performance | -86°C |
| Defrosting | Manual |
| Climate Class | N |
| Cooling Type | Direct Cooling |
| Insulation Thickness (mm) | 130 |
| Refrigerant | Mixed-gas |
| Internal Dimension | 440x696x1266 mm |
| Overall Dimension | 785x1041x1947 mm |
| Package Size | 890x1165x2145 mm |
| Drawers/Shelves | 3 |
| Racks | 12 |
| 2" Box | 24300 |

| | |
|---------------------------------|---|
| Interior | Galvanized steel sheet |
| Exterior | Color sprayed steel |
| Access port | 2pcs. Ø 25 mm |
| Controller | Microprocessor, Touch Screen |
| Compressor Brand/QTY | Embraco/1 |
| Alarm | High/Low temperature, High ambient temperature, Power failure, Sensor error, Main board communication error, Built-in datalogger USB failure, Condenser cooling failure, Door ajar, Sapmles out of date, System failure |
| Optional Accessories | Chart recorder, CO2 backup system, Printer, Remote alarm contact |
| Weight (Net/Gross) | 237/272 kg |
| Rated Power | 950 W |
| Input Power | 980 W |
| Power Consumption (Kwh/24hrs) | 11 |
| Rated Current A | 5 |
| Power Supply | 220V, 50Hz |



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