

SPECIFICATIONS

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| Name | Ultra-Low Temperature Freezer |
| Model | MDF-U32V |
| External dimensions | W670 x D875 x H1860 (mm) |
| Internal dimensions | W490 x D600 x H1140 (mm) |
| Effective capacity | 333 L |
| Exterior | Acrylic finish baked on zinc galvanized steel |
| Interior | Acrylic finish baked on zinc galvanized steel |
| Outer door | Acrylic finish baked on zinc galvanized steel |
| Inner door | ABS resin panel with stainless frame, 2 doors |
| Shelf | Stainless steel, 3 shelves (adjustable) W464 x D535 (mm), Load; 50 kg/shelf |
| Access port | 17 mm diameter, 2 locations (back, bottom left corner) |
| Insulation | Vacuum insulation panel + Rigid polyurethane foamed-in place (CFC-FREE) |
| Compressor | Hermetic type, Output; 400 W (high stage side), 600W (low stage side) |
| Evaporator | Tube on sheet type |
| Condenser | Fin and tube type (high stage side), Shell and tube type (low stage side) |
| Refrigerant | R-407D (high stage side), R-508 (low stage side) |
| Temperature controller | Microcomputer control system |
| Temperature display | Digital display |
| Thermal sensor | Platinum resistance (Pt 1000) |
| Alarm | High temp. alarm, Low temp. alarm, Power failure alarm Door alarm, Filter check, Battery alarm |
| Remote alarm contact | Allowable contact capacity: DC 30V, 2A |
| Battery | Nickel-metal-hydride battery, DC6V, 1100mAh, Auto-recharge |
| Accessories | 1 set of key, 1 scraper |
| Weight | 258 kg |
| Optional component | Inventory rack (IR-216U, IR-220U) 3 drawers for lower compartment (MDF-30R) Automatic temperature recorder (MTR-G85) Back-up system (CVK-UB2): LCO ₂ |

Note:

- Design or specifications will be subject to change without notice.
- The battery for power failure alarm is an article for consumption. It is recommended that the battery will be replaced about every 3 years. Contact Sanyo sales agency at the time of replacement of the battery for recycling.

PERFORMANCE

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|---------------------------|---|------------|------------|------------|------------|
| Cooling performance | -86°C at the center of the chamber (ambient temperature; 30°C, no load) | | | | |
| Temperature control range | -50°C to -86°C (ambient temperature; 30°C, no load) | | | | |
| Power source | 115V, 60Hz | 220V, 50Hz | 220V, 60Hz | 230V, 50Hz | 240V, 50Hz |
| Rated power consumption | 780 W | 680 W | 730 W | 670 W | 705 W |
| Noise level | 49 dB [A] (background noise; 20 dB) | | | | |
| Maximum pressure | 1.9 MPa | | | | |

Note : The unit with CE mark complies with EC directives 89/336/EEC, 93/68/EEC and 73/23/EEC