

Plasma Freezer

MDF-U5412



MDF-U5412

Temperature
(Ambient temp. 30°C)

-40°C

Effective capacity

482 Liter / 17.0 cu.ft.

280 pcs

300ml frozen plasma bag

Biomedical Freezer for reliable preservation of blood plasma and other biologics

- High freezing power
- Stable & Uniform temperature design
- Ideal freezing environment for biologicals
- Alarm and safety devices

MDF-U5412

Features

SANYO MDF-U5412 provides an ideal freezing environment for preservation of blood plasma, vaccines, test samples, and other biological specimens.

Stable & Uniform Temperature Design

- Double outer doors
- Full-height storage containers on each shelf
- Cooling tubes under every shelf
- Direct cooling system for stable temperature control
- Fine-controllable refrigeration circuit with valve

Large Storage Capacity

- 300ml FFP* bag x 280 pieces.
*Fresh Frozen Plasma

User Friendly Design

- Built-in door latch for each door
- Easy calibration through the control panel

Visual and Audible Alarm System

- High & Low temperature alarm
- Power failure alarm with non-volatile memory back up
- Self-diagnostic system

Safety Function

- Remote alarm contact
- Re-activating buzzer, lamp and remote alarm contact (30min.after buzzer stops)
- Standard door lock and independent padlock hasp door latches for extra security
- Remote monitoring by Data acquisition system (Option)
- 1/7/30 days circular recorder (Option)

Environment friendly

- HCFC-Free refrigerant and insulation

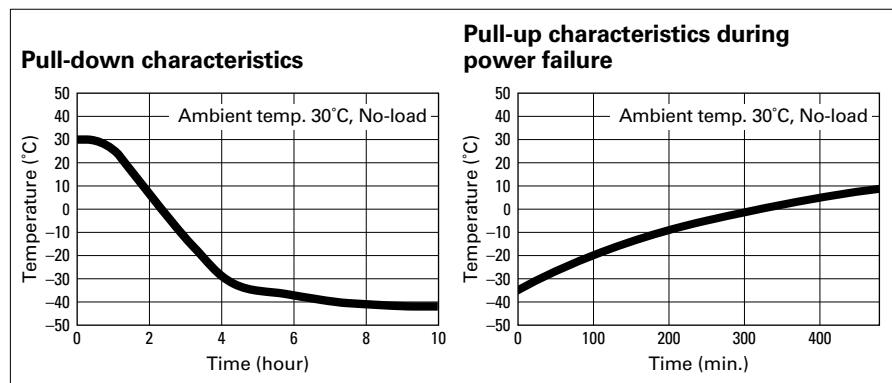
Specifications

| Model No. | MDF-U5412 |
|--|--|
| Exterior Dimensions (W x D x H) | 804 x 772 x 1,802mm (31.7" x 30.4" x 71.0") |
| Interior Dimensions (W x D x H) | 658 x 607 x 1,272mm (25.9" x 23.9" x 50.1") |
| Net weight | 131kg (288.8 lbs.) |
| Effective capacity | 482 liters (17.0 cu.ft.) |
| Exterior cabinet | Galvanised steel with baked-on finish |
| Cabinet insulation | Rigid polyurethane foamed-in place |
| Outer door | 2, Insulated and magnetic sealed |
| Door lock | 1 door lock, 2 lockable door latches for each door |
| Storage container | 6 pcs. (Upper room), 4 pcs. (Lower room) |
| Casters | 4 |
| Adjustable leveling feet | 2 |
| Compressor | 400W Hermetically sealed |
| Refrigerant | HFC refrigerant |
| Temp. control range | -20°C to -40°C (Ambient temperature 5°C to 30°C) |
| Settable range | -18°C to -45°C |
| Cooling method | Direct cooling |
| Temperature control | Microprocessor control |
| Temperature alarm | High/Low (±5 to ±15°C, adjustable) |
| Power failure alarm | Buzzer and lamp (Automatic rechargeable battery), Memory back up |
| Remote alarm contact | Allowable contact capacity: DC30V, 2A, Temperature alarm or power failure alarm |
| Access hole | ø30, Rear side |
| Accessories | Door lock key, Defrost spatula, Storage containers |
| Options | SANYO data acquisition software (MTR-5000) Ethernet (LAN) Interface (MTR-L03) RS232C/RS485 Interface (MTR-480) Strip chart recorder (MTR-4015LH) Circular chart recorder (MTR-G85) Recorder mounting kit (MPR-S30) Recorder mounting kit (MPR-S7) Recording paper (RP-40) Recording paper (RP-G85) Recording pen (PG-R) |

Caution: SANYO guarantees the product under certain warranty conditions. SANYO in no way shall be responsible for any loss of content or damage to content.

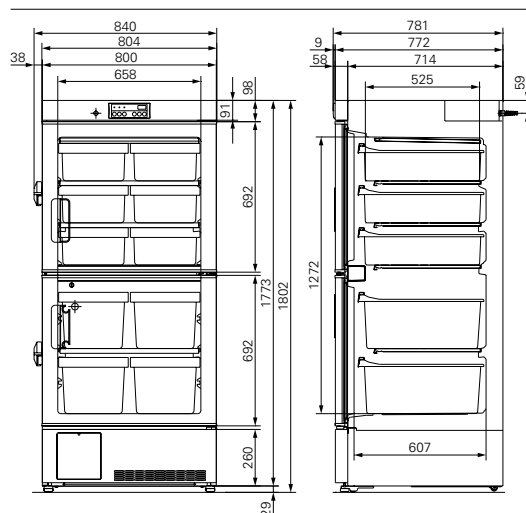
- Appearance and specifications are subject to change without notice.

Performance Data



Dimensions

[Unit: mm]



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Quality management system: ISO9001 / Medical devices quality management system: ISO13485 / Environmental management system: ISO14001

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