

-30°C Biomedical Freezer

DW-30L420F



Uniformed Forced Air Circulation & Auto Defrost

Storage at -30°C with an automatic defrost system, standard time and temperature guided cycle which ensures temperature stability which minimizes energy usage

Uniform Temperature and High-Performance Refrigeration

Intelligent operation and control at -30°C and forced air circulation for uniform temperature and high-performance refrigeration

Adjustable temperature range -10°C~-30°C

Microprocessor controls with digital display with 0.1°C increment with an adjustable temperature range -10°C~-30°C

Alarm Record Query Function

Allows direct inquiry of the highest, lowest, and average temperature data as well as alarm duration for prior alarm conditions

Ergonomic Design

- Door Lock and Padlock
- Backup Battery Protection
- Standard USB Interface
- Malfunction Alarms

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Specifications



Technical Data

| | |
|----------------|--------------------|
| Cabinet Type | Upright |
| Climate Class | SN N |
| Cooling Type | Forced air cooling |
| Defrost Mode | Auto Defrost |
| Refrigerant | HC |
| Noise (dB (A)) | 46 |

Performance

| | |
|--------------------------|--------|
| Cooling Performance (°C) | -30 |
| Temperature Range (°C) | -10~30 |

Control

| | |
|------------|----------------|
| Controller | Microprocessor |
| Display | LED |

Electrical Data

| | |
|------------------------|-------------------------|
| Power Supply (V/Hz) | 220~240/50 208~230/60 |
| Power (W) | 460/1000 (Defrost) |
| Electrical Current (A) | 4.0/5.8 (Defrost) |

Dimensions

| | |
|-----------------------------|----------------------------------|
| Capacity (L/Cu.Ft) | 420/14.8 |
| Net/Gross Weight (approx) | kg lbs |
| | 195/225 429.9/496.0 |
| Interior Dimensions (W*D*H) | mm in |
| | 685*610*1028 27.0*24.0*40.5 |
| Exterior Dimensions (W*D*H) | mm in |
| | 950*920*1900 37.4*36.2*74.8 |
| Packing Dimensions (W*D*H) | mm in |
| | 980*935*2040 38.6*36.8*80.3 |

| | |
|-------------------------------|----------|
| Container Load (20'/40'/40'H) | 12/24/24 |
|-------------------------------|----------|

Product appearance and specifications are subject to change without notice



Alarms

| | |
|----------------------|---|
| High/Low Temperature | Y |
| Remote Alarm | Y |
| Power Failure | Y |
| Sensor Error | Y |
| Low Battery | Y |
| High Ambient Temp | Y |
| Door Ajar | Y |

Accessories

| | |
|----------------------|-----------|
| Caster | Y |
| Foot | Y |
| Porthole | Y |
| Drawers/Inner Doors | -/3 6/- |
| Shelves | 5 |
| USB Interface | Y |
| RS485 | Optional |
| NFC | N |
| Temperature Recorder | Optional |

Others

| | |
|---------------|--------|
| Certification | CE / |
|---------------|--------|