



Medisafe Biomedical 74 ULT Chest Freezer

Medisafe Biomedical 74 ULT is a purpose-built medical chest freezer designed for holding pharmaceutical drugs, vaccines, and other samples that require ultra-low temperatures down to -86°C . With a small footprint and top access, the Medisafe Biomedical 74 ULT is perfect for compact rooms in laboratories and hospitals.

The Medisafe Biomedical range of refrigerators and freezers prioritises temperature stability, device reliability and user-friendly operation to ensure contents are stored safely. BMS plugs are a standard feature on all Medisafe Biomedical devices allowing seamless integration into existing Building Management Systems.

Additionally, the entire Medisafe Biomedical range consists of spark free devices. This allows for the safe storage of flammable or volatile products and gives the user confidence in other applications. Avem Quirks is happy to discuss specific applications to ensure the safest possible outcome.

The Medisafe Biomedical 74 ULT uses the environmentally friendly Nature R refrigerant, a proprietary mixture specifically designed for ultra-low temperature applications.

The optional AQ Box Cloud Temperature Monitoring system is specifically designed for biomedical and medical applications. The AQ Box links to a remotely accessible web portal and acts as an automated data logger, allowing remote temperature reporting and alerts. This significantly reduces time spent recording minimum and maximum temperatures and minimises the risk of temperature breaches to samples.



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Key Features

- Dedicated 24-hour technical support
- Digital temperature controller
- BMS plug for remote alarm
- Configurable alarms for temperature breach and power failure
- Self-closing and lockable door
- Low noise output
- Automatic defrost
- 24-month parts and labour warranty

Optional Extras

- Uninterruptible Power Supply unit with battery back up
- AQ Box Cloud Monitoring system – includes temperature reporting and SMS and email alerts
- Comprehensive programmed maintenance

Product Specifications

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|---------------------------|----------------|
| Dimensions | Height 870 mm |
| | Width 555 mm |
| | Depth 555 mm |
| Gross Weight | 44.6 kg (net) |
| Gross Capacity | 74 L |
| Max no. 2ml vials | 2,800 |
| Temperature Range | -60°C to -86°C |
| Number of Shelves | 5 |
| Power Consumption/24 hrs. | 10.2 kWh |
| Refrigerant | Nature R |