



VACCINE FRIDGE

Minus40

B170/220H

 2°C-8°C Range

 170L Capacity

 220V AC 50Hz

 Voltage Protection

 Stainless Steel

 A/V Alarms

 Adjustable Shelving

 50 Hours Holdover



B170/220H Vaccine Fridge

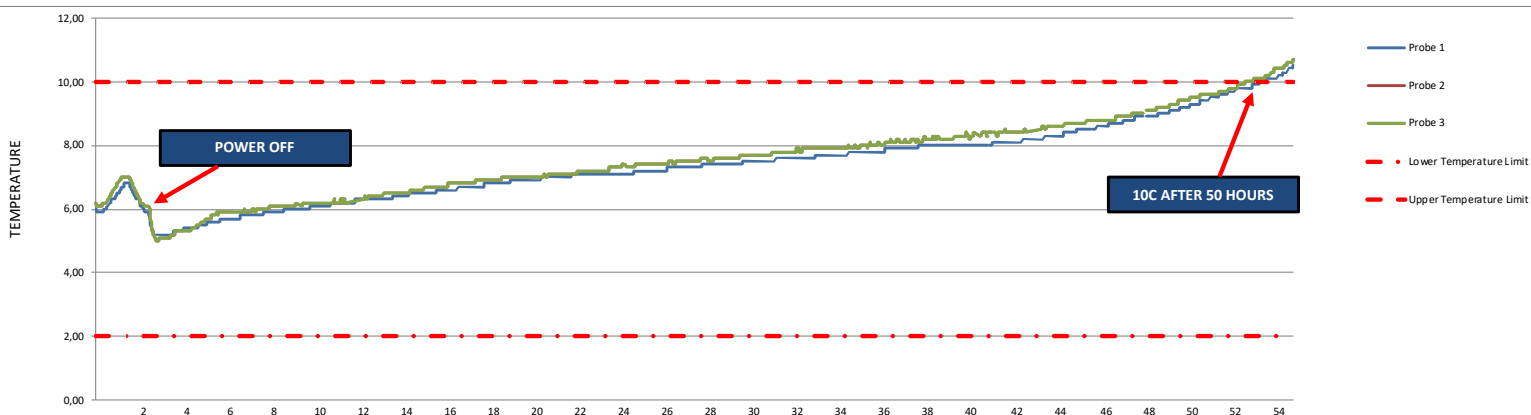
The Minus40 B170/220H Vaccine Fridge is a durable, energy-resilient cold storage solution designed for vaccines and temperature-sensitive medicines. With a 170L capacity, reliable 2°C to 8°C temperature range, and an impressive 50-hour holdover time at 32°C, it ensures product integrity even in unstable power environments. Trusted by public health systems and ideal for clinics, hospitals, and research centres, the B170/220H combines robust performance with user-friendly features for dependable day-to-day operation.

Key Features

- ❄️ 50-hour holdover at 32°C – Maintains safe storage temperatures during power outages.
- ❄️ 2°C to 8°C temperature range – Ideal for preserving vaccines and pharmaceuticals.
- ❄️ Fan-assisted cooling – Ensures even temperature distribution throughout the cabinet.
- ❄️ Stainless steel interior with adjustable shelving – Durable, hygienic, and flexible for different stock sizes.
- ❄️ High/low temperature and door-open alarms – Visual and audible alerts to protect stock integrity.
- ❄️ Lockable, self-closing door – Enhances security and minimises temperature loss.
- ❄️ Built-in voltage protector – Safeguards the fridge against power surges and fluctuations.
- ❄️ Automatic defrost and LED lighting – Hassle-free maintenance and clear visibility.

Performance Data Graph

The B170/220H has a Holdover time of 50 Hours after the loss of power at an ambient of 32°C.



Minus40 (Pty) Ltd

8 Manhattan St, Airport Industria
Cape Town, 7490, South Africa

www.minus40.co.za | info@minus40.co.za
+27 (0)21 386 2290



*Precision Cooling For
Critical Healthcare
Environments*

VACCINE FRIDGE

B170/220H

Construction

| | |
|---------------------|---|
| External material | Chromadek® steel |
| Internal material | Stainless steel |
| Insulation | CFC-free high-density foam insulation |
| Shelves | 3 adjustable stainless steel shelves 2 drawers |
| Door type | Solid, self-closing, hinged door |
| Door lock | Lockable latch |
| Lighting | Internal LED lighting |
| Light switch | Auto light switch |
| Probe hole | Comes with a pre-fitted independent temperature monitoring probe hole |
| Feet / base of unit | Rectangular base (no feet) |

Refrigeration

| | |
|----------------|----------------------|
| Compressor(s) | 1 compressor |
| Cooling method | Fan-assisted cooling |
| Defrost mode | Automatic defrost |
| Refrigerant | R134a |

Model

| | |
|--------------|--------------------------|
| Model name | B170/220H Vaccine Fridge |
| Cabinet type | Upright |
| Capacity | 170L |

Performance

| | |
|-------------------------|---|
| Temperature range | 2°C to 8°C |
| Holdover time at 32°C | 50 Hours |
| Max ambient temperature | 43°C |
| Controller(s) | 1 digital controller with LED display 1 additional solar display |

Dimensions

| | |
|------------------------------------|------------------|
| External dimensions (H x W x D) mm | 1310 x 650 x 670 |
| Internal dimensions (H x W x D) mm | 755 x 450 x 506 |
| Weight | 130kg |

Electrical

| | |
|-----------------------|----------------------------|
| Voltage | 220V AC / 50Hz |
| Rated power supply | 1.5A |
| Electrical protection | Built-in voltage protector |

Alarms

| | |
|-------------------|---|
| Temperature alarm | Audible and visual alarm for temperatures outside of range |
| Other alarms | Audible and visual alarms for dirty condenser and open door |



Minus40 Service Level Agreements

As with all Minus40 products, the B170/220H comes with our trusted service warranty, ensuring long-term reliability. For enhanced performance and extended lifespan, consider our annual service agreement, designed to keep your medical refrigeration systems in top condition. Make sure to discuss this with one of our sales representatives!

Scan To View Our Online Instructional Videos



MEDICAL DEVICES
QUALITY MANAGEMENT
ISO 13485:2016 CERTIFIED

*The parameters and performance specified in this brochure may be changed without prior notice, due to product upgrading.

**There may be differences between the product images shown in this brochure and the actual products received.

Minus40 (Pty) Ltd
8 Manhattan St, Airport Industria
Cape Town, 7490, South Africa

www.minus40.co.za | info@minus40.co.za
+27 (0)21 386 2290



*Precision Cooling For
Critical Healthcare
Environments*