



# VACCINE FRIDGE

## MINUS40

## B130/40/220H

**52 Hour**  
Holdover  
Time

**2°C - 8°C**  
Accurate  
Temperature  
Control

Designed  
For Vaccine  
Storage

Built-In  
Voltage  
Protector

Easy  
To Use

Anti-Freeze  
Protection



### B130 Vaccine Fridge/Freezer

Minus40's Vaccine range was designed and developed to Global Health Cold Chain specifications and sponsored by the South African National Department of Health, together with independent testing done by the CSIR.

The B130/40/220H is ideal for storing vaccines and medicines that need reliable and stable conditions for full efficacy.

Minus40's Vaccine fridges are backed by the reputable and reliable Minus40 service warranty. An optional annual service agreement can be specified.

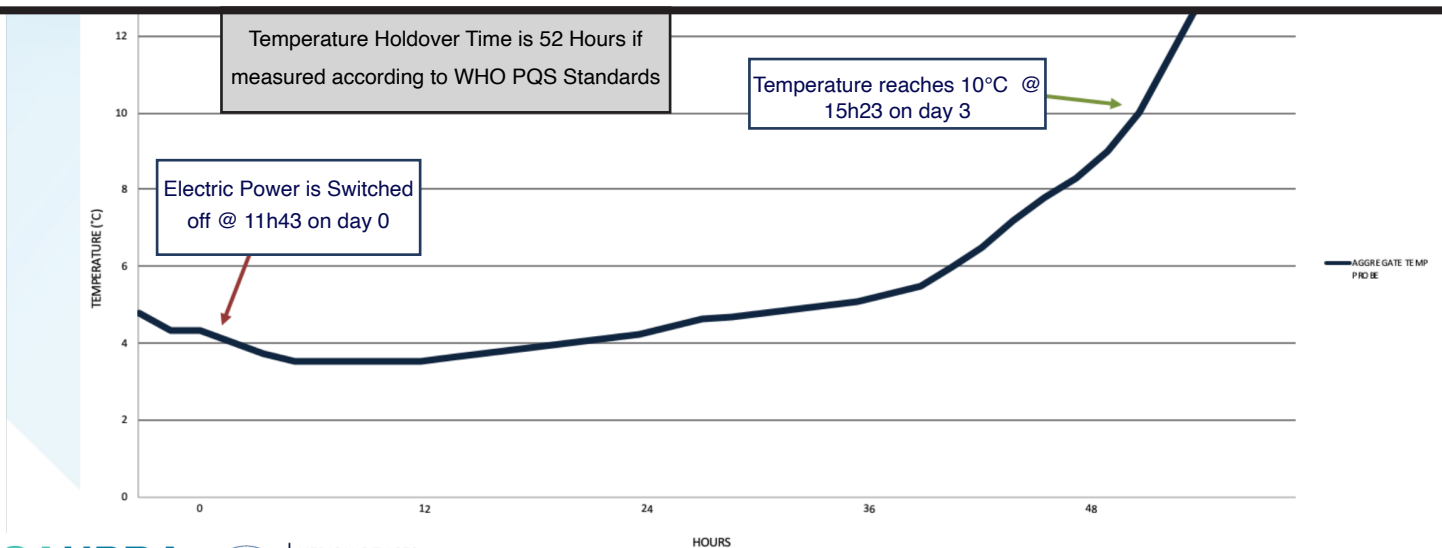
### Specifications

Fridge Capacity (Litres)	130L
Freezer Capacity (Litres)	40L
Temperature Range - Fridge	2°C - 8°C
Temperature Range - Freezer	-15°C to - 10°C

### Features

- ✓ 52-Hour Holdover Time at 32°C
- ✓ Even Temperature Distribution
- ✓ Fan Assisted Cooling
- ✓ Low Operating Sound Level
- ✓ Self-Closing Door
- ✓ Lockable Latch
- ✓ Internal Light (LED)
- ✓ Auto Light Switch
- ✓ High/Low Temperature Alarm
- ✓ **NEW** - Built-In Voltage Protector
- ✓ **NEW** - Anti-Freeze Protection
- ✓ Door Open Alarm
- ✓ Stainless Steel Perforated & Adjustable Shelves
- ✓ CFC-Free High-Density Polyurethane Foam Insulation
- ✓ Corrosion Proof Stainless Steel Case for Easy Cleaning
- ✓ Automatic Defrost (Fridge Only)
- ✓ **NEW** - Dirty Condenser Alarm

**PERFORMANCE DATA GRAPH:** The B130/40/220H has a Holdover time of **52 Hours** after the loss of power at an ambient of 32°C



MEDICAL DEVICES  
QUALITY MANAGEMENT  
ISO 13485:2016 CERTIFIED





- Research Centres
- Life Sciences
- Pharmacies
- Clinics
- Hospitals
- Community Health Centres

## OPTIONAL EXTRAS

Minus40 Offers A Variety Of Optional Extra Items Which You Can Purchase To Use Separately Or With Your Minus40 Vaccine Refrigerator -

**Independent Temperature Monitoring Devices**  
Minus40 Has A Variety Of Independent Temperature Monitoring Devices For You To Choose From - From The Standard USB Device, To The SMS / Email Alert Devices.



**Minus40 Vaccine Cooler Boxes**  
These Strong, Durable And Reliable Vaccine Cooler Boxes Have Been Designed And Manufactured By Minus40 In Accordance To PQS Standards. They Are Available In The Following Litre Sizes;  
3L (VB03) , 7L (VB07), 12L (VB12)



**Minus40 Ice Packs**  
Our Unique 0,4L Durable Ice Packs Come With The Minus40 Vaccine Cooler Boxes, But These Can Also Be Purchased Separately. They Have Been Manufactured By Minus40 In Accordance To PQS Standards And Designed To Last A Long Time.





\*Contact Us For Prices On These Additional Items.



## Construction

External Material	Chromadek Steel
Internal Material	Stainless Steel
Insulation	CFC-Free High-Density Foam Insulation
Shelves	3 Stainless Steel Perforated & Adjustable Shelves
Door Type	Solid, Hinged Door (Self-Closing Door)
Door Lock	Lockable Latch
Lighting	Internal Light (LED)
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)	2pc - 1 For The Fridge, 1 For The Freezer (2 Independent Compressors)
Cooling Method	Fan Assisted Cooling
Defrost Mode	Automatic Defrost (Fridge Only)
Refrigerant	R134a

## Alarms

Temperature Alarm	Audible and Visual Alarm For Temperatures Outside The Range of 2°C to 8°C
Dirty Condenser Alarm	Audible and Visual Alarm
Door Alarm	Audible and Visual Alarm

### Robust



These refrigerators have been in service around Southern Africa for the past 20 years, indicative of their durability.

## ADDITIONAL SERVICES OFFERED

### Maintenance Contracts / Service Level Agreements



Minus40 Offers Customer-Focused, Tailored Maintenance Contracts For All Minus40 Branded Products. Don't Wait Till It's Too Late – Let Us Know If You Would Like To Add An Additional Maintenance Contract To Extend The Longevity Of Your Medical Refrigerator.

**“If it doesn't say MINUS40- Its not a MINUS40”**

## Model

Model Name	B130/40/220H Vaccine Fridge/Freezer
Cabinet Type	Upright
Capacity (L) - Fridge	130L
Capacity (L) - Freezer	40L

## Performance

Temperature Range - Fridge	2°C to 8°C
Temperature Range - Freezer	-15°C to -10°C
Holdover Time at 32°C (Hr)	52 Hours
Max Ambient Temperature	43°C
Controller(s)	2 Digital Controllers - Each with an LED Display. 1 Additional Solar Display (Fridge Only)

## Dimensions

External Dimensions (H x W x D) mm	1310 x 650 x 670
Internal Dimensions - Fridge (H x W x D) mm	480 x 450 x 490
Internal Dimensions - Freezer (H x W x D) mm	210 x 450 x 535
Weight (Kg)	140Kg

## Electrical

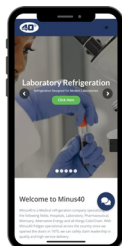
Voltage (AC)	220V /50Hz
Rated Power Supply (Amps)	3
Electrical Protection	Built-In Voltage Protector



### HOLDOVER

This unit holds the temperature below 8°C for up to 52 hours at an ambient of 32°C after the source of energy has been interrupted. Through this unique design, your Minus40 refrigerator ensures a higher vaccine efficacy protection.

### Scan To View Our Online Instructional Videos



Alternatively, You May Contact Us On; **+27(0) 21 386 2290**



All Of Our Products Are Available For Online Viewing At; **www.minus40.co.za**

\*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.



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