



VACCINE FRIDGE

MINUS40

B300/40/220H



54 Hour
Holdover
Time



2°C - 8°C
Accurate
Temperature
Control



Designed
For Vaccine
Storage



Built-In
Voltage
Protector



Easy
To Use



Anti-Freeze
Protection



B300 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 B300/40/220H 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.

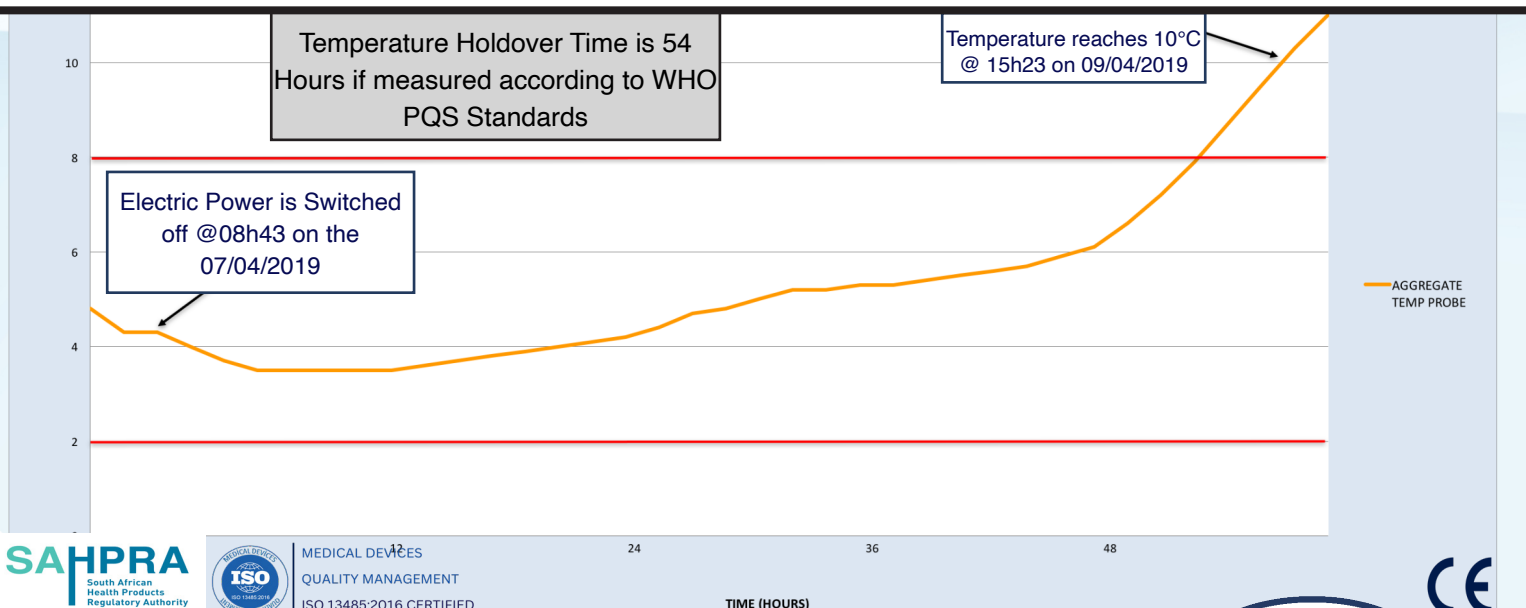
Specifications

Fridge Capacity (Litres)	300L
Freezer Capacity (Litres)	40L
Temperature Range - Fridge	2°C - 8°C
Temperature Range - Freezer	-15°C to - 10°C

Features

- ✓ 54-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** - Anti-Freeze Protection
- ✓ **NEW** - Built-in Voltage Protector
- ✓ 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 B300/40/220H has a Holdover time of **54 Hours** after the loss of power at an ambient of 32°C



MEDICAL DEVICES
QUALITY MANAGEMENT
ISO 13485:2016 CERTIFIED

TIME (HOURS)



Fridge: 2°C to 8°C
Accurate Temperature Control For Vaccine Storage.

Fan Assisted Cooling
Ensures An Even Temperature Profile Across The Fridge Cabinet.

Separate Freezer Door
Retains The Temperature Of The Freezer. Freezer Temperature Range: -10°C to -15°C.

Separate Freezer Compartment
For Freezing Ice-Packs Used in Vaccine Cooler Boxes.

Temperature Probe Hole
Pre-Fitted Temperature Probe Hole For Independent Temperature Monitoring Devices.

Thick Insulation
For Longer Temperature Retainment During Power Cuts.

Lockable Latch
A Lockable Door Latch For Enhanced Product Security.

Reliable Digital Controllers
Two Reliable Digital Controllers For Accurate Temperature Readings.

Anti-Freeze Protection
Prevents Freezing of Valuable Vaccines and Medication Which Leads To Stock Wastage.

Swing Open Service Door
For Easy Access To The Condenser, for routine maintenance.

Reliable Solar-Powered Temperature Display
Displays The Temperature When There Is No Electricity Supplied To The Fridge.

Solid Hinged Door
The Self-Closing Door Assists In Maintaining The Temperature Of The Fridge.

Double Gaskets
For Better Sealing And Temperature Retainment.

Stainless Steel Interior
For Higher Levels Of Hygiene And Easier To Clean.

Audible And Visual Alarms
Audible And Visual Alarm Indication Is Provided For When The Door Is Left Open, When Temperatures Are Outside The Range of 2°C to 8°C And When There Is A Blocked / Dirty Condenser.

Perforated Stainless Steel Shelves
5 Adjustable Perforated Stainless Steel Shelves For Higher Levels Of Hygiene And Better Air Flow.

LED Light
Automatically Switches Off When You Close The Door.

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.



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*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	5 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”



MEDICAL DEVICES
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Model

Model Name	B300/40/220H Vaccine Fridge/Freezer
Cabinet Type	Upright
Capacity (L) - Fridge	300L
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)	54 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	1960 x 650 x 710
Internal Dimensions - Fridge (H x W x D) mm	1155 x 450 x 535
Internal Dimensions - Freezer (H x W x D) mm	210 x 450 x 535
Weight (Kg)	200Kg

Electrical

Voltage (AC)	220V /50Hz
Rated Power Supply (Amps)	3.5
Electrical Protection	Built-In Voltage Protector

HOLDOVER



This unit holds the temperature below 8°C for up to 54 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

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

