



LABORATORY FREEZER

MINUS40

LAB470SLF

NEW BLUETOOTH CONTROLLER



Designed For Blood Banks

0°C - 40°C Accurate Temperature Control

Long-Term Preservation Storage

Automatic Defrost

Built-in Voltage Stabiliser

Stainless Steel Interior & Exterior

Specifications

Freezer Capacity (Litres)	470L
Temperature Range	0°C to - 40°C
Max Ambient Temperature	32°C

LAB470SLF Laboratory Freezer

The LAB470SLF has been designed for Blood Bank duties and long-term Laboratory Preservation storage.

It is ideal for modern Research Laboratories that require storage of samples at -40°C under consistent temperature conditions.

The LAB470SLF has also been identified as a reliable solution for long-term vaccine storage for multiple Covid-19 vaccines.

This freezer has a frost-free design with automated defrost cycles, using rapid hot gas defrosting at the evaporator coils which reduces the risk of product temperature loss due to traditional defrosting techniques.

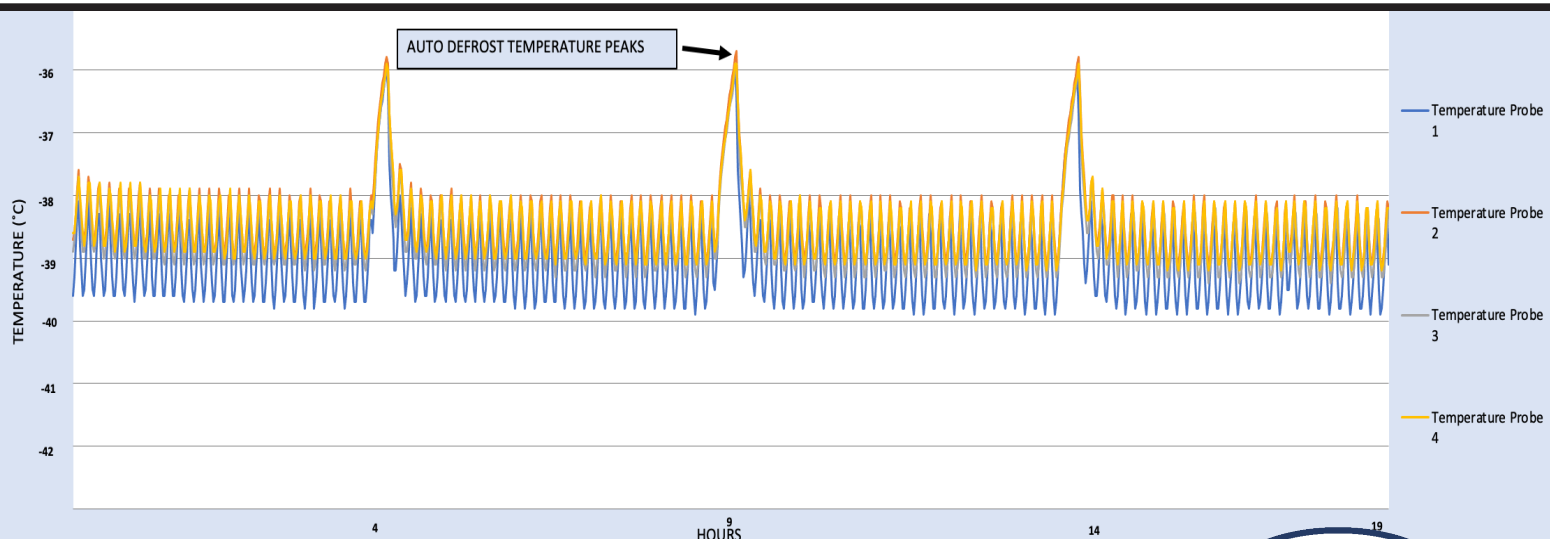
The LAB470SLF comes standard with a reliable digital Bluetooth controller, featuring out-of-parameter audible alarms for added security. Additionally, the inner and outer casing has been constructed with stainless steel, providing an easy-to-clean and hygienic finish. With the new Bluetooth controller, users can conveniently download comprehensive reports on temperature history and performance.

This product is backed by the reputable and reliable Minus40 service warranty and customers can select maintenance contracts to ensure extended longevity of their Minus40 Freezer.

Features

- Automatic Defrost
- Even Temperature Distribution
- Lockable Doors
- Audible & Visual Temperature Alarms
- Self-Closing Door
- High/Low Temperature Alarm
- CFC-Free Refrigerant
- NEW** - Bluetooth Controller
- NEW** - Built-In Voltage Protector
- Accurate Temperature Control
- Stainless Steel Perforated & Adjustable Shelves
- Corrosion Proof Stainless Steel Case for Easy Cleaning
- Fan-Assisted Air Circulation
- Pre-Fitted With A Temperature Probe Hole

PERFORMANCE DATA GRAPH: LAB470SLF Temperature Performance At 32°C Ambient Temperature



Freezer: 0°C to -40°C
Accurate Temperature Control For Long-Term Preservation Storage.

Fan Assisted Cooling
Ensures An Even Temperature Profile Across The Freezer.

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

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

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

Thick Insulation
For Better Temperature Retainment.

Automatic Defrost
Automated defrost cycles reduces the risk of product temperature loss.

Durable Wheels
Comes Standard With 4 Durable Wheels For Mobility And Ease-Of-Use.

Double Gaskets
For Better Sealing And Temperature Retainment.

2 Separate Internal Doors
The Internal Doors Help Maintain The Temperature Of The Freezer.

Perforated Stainless Steel Shelves
4 Heavy-Duty, Adjustable, Perforated Stainless Steel Shelves For Higher Levels Of Hygiene And Better Air Flow.

NEW Bluetooth Controller
Reliable Digital Bluetooth Controller For Accurate Temperature Readings and Reports.

Audible And Visual Alarms
Audible And Visual Alarm Indication Is Provided For When The Freezer Is Outside The Set Temperature Range.

Swing Open Service Door
Easy Access For Routine Maintenance.

- Research Centres
- Life Sciences
- Pharmacies
- Hospitals
- Laboratories
- Blood Banks

OPTIONAL EXTRAS

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

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)



MEDICAL DEVICES
QUALITY MANAGEMENT
ISO 13485:2016 CERTIFIED

*Contact Us For Prices On These Additional Items.



Construction

External Material	Stainless Steel
Internal Material	Stainless Steel
Shelves	4 Stainless Steel Perforated & Adjustable Shelves
Door Type	Solid, Hinged Door (Self-Closing Door)
Door Lock	Lockable Door
Probe Hole	Comes With A Pre-Fitted Independent Temperature Monitoring Probe Hole
Feet / Base of Unit	Rectangular Base With Castor Wheels

Refrigeration

Compressor(s)	1 Compressor
Cooling Method	Fan Assisted Cooling
Defrost Mode	Automatic Defrost
Refrigerant	R507a

Alarms

Temperature Alarm	Out-Of-Parameter Audible And Visual Alarms
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Model

Model Name	LAB470SLF Laboratory Freezer
Cabinet Type	Upright
Capacity (L) - Fridge	470L

Performance

Temperature Range	0°C to -40°C
Max Ambient Temperature	30°C
Controller(s)	1 Digital Bluetooth Controller - with an LED Display.

Dimensions

External Dimensions (H x W x D) mm	2020 x 1140 x 635
Internal Dimensions - Fridge (H x W x D) mm	1380 x 1050 x 485
Weight (Kg)	180Kg

Electrical

Voltage (AC)	220V /50Hz
Rated Power Supply (Amps)	5
Electrical Protection	Built-In Voltage Stabiliser

NEW



Features for the New Bluetooth-enabled controller with App accessibility include:

- Contactless Temperature Monitoring.
- Easy-to-read controller.
- Data Security (Password Protected).
- Door alarm history & open door monitoring.
- Temperature record sampling every 20 mins.
- Excel data record up to 6 months.
- Virtual temperature Graph (Monthly, weekly, daily and hourly).
- Temperature history & temperature alarm history.
- Live data access when connected to the App.
- Excel data export via email and other Apps (E.g WhatsApp, SMS).
- Compressor running & monitoring.

And more!

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.



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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**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.*

