



MEDICAL FREEZER

MINUS40

MED400GMF

MED400GMF Medical Freezer

The MED400GMF freezer was designed to keep product temperature below -20 °C, even during the automated defrost cycles.

It consists of an exterior and interior stainless steel casing for an enhanced hygiene function, and it comes equipped with an audible alarm function that can be heard when the set temperature parameters are exceeded.

This unit is backed by the reputable Minus40 service warranty with maintenance options that will ensure extended longevity of the Medical Fridge.

**Operating temperature can be specified and set with order.*

Specifications

Freezer Capacity (Litres)	400L
Temperature Range	0°C to -25°C
Max Ambient Temperature	32°C

Features

- ✓ Automatic Defrost
- ✓ Even Temperature Distribution
- ✓ Fan Assisted Cooling
- ✓ Low Operating Sound Level
- ✓ Self-Closing Door
- ✓ Lockable Door
- ✓ Internal Light (LED)
- ✓ Voltage Protector Included
- ✓ High/Low Temperature Alarm
- ✓ **NEW** - Faulty Sensor Alarm
- ✓ Door Open Alarm
- ✓ Stainless Steel Perforated & Adjustable Shelves
- ✓ External Manual Light Switch
- ✓ Corrosion Proof Stainless Steel Case for Easy Cleaning
- ✓ **NEW** - Dirty Condenser Alarm
- ✓ **NEW** - Hydrocarbon Refrigerant

Hydrocarbon Refrigerant

0°C to -25°C
Accurate Temperature Control

UV Protection

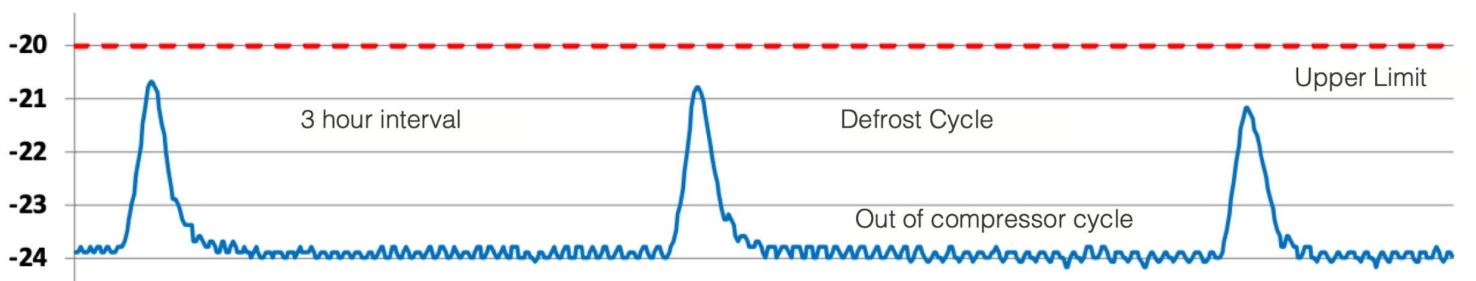
Stainless Steel Interior & Exterior

Energy Saver

Voltage Protector Included



PERFORMANCE DATA GRAPH: How The MED400GMF Maintains Temperature Below -20°C At 32°C Ambient Temperature



MEDICAL DEVICES
QUALITY MANAGEMENT
ISO 13485:2016 CERTIFIED



Freezer: 0°C to -25°C
Accurate Temperature Control For Medicine & Vaccine Storage.

Lockable Door
A Lockable Door For Enhanced Product Security.

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

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

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

Magnetic Service Door
For Easy Access To The Condenser For Routine Maintenance.

LED Light
Internal LED Light To Prevent Bacteria Growth. Comes With An External Light Switch.

Reliable Digital Controller
Reliable Digital Controller For Accurate Temperature Readings.

Audible And Visual Alarms
Audible And Visual Alarm Indication Is Provided For When Temperatures Are Outside The Set Temperature Range And When There Is A Blocked / Dirty Condenser.

Metal Door Handle
Durable & Comfortable Door Handle.

UV Protected Glass, Hinged Door
The Self-Closing, UV Protected Glass Door Assists In Maintaining The Temperature Of The Freezer And Protects The Medication & Vaccines From Harmful UV Rays.

Perforated Stainless Steel Shelf
6 Adjustable Perforated Stainless Steel Shelf For Higher Levels Of Hygiene And Better Air Flow.

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

OPTIONAL EXTRAS

Minus40 Offers A Variety Of Optional Extra Items Which You Can Purchase To Use Separately Or With Your Minus40 Medical 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
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*Contact Us For Prices On These Additional Items.



Construction

External Material	Stainless Steel
Internal Material	Stainless Steel
Shelves	6 Stainless Steel, Perforated & Adjustable Shelves
Door Type	Glass, Hinged Door (Self-Closing Door)
Door Lock	Lockable Door
Lighting	Internal Light (LED)
Light Switch	External Manual Switch
Probe Hole	Comes With A Pre-Fitted Independent Temperature Monitoring Probe Hole
Feet / Base of Unit	Rectangular Base With Levelling Feet

Refrigeration

Compressor(s)	1 Compressor
Cooling Method	Fan Assisted Cooling
Defrost Mode	Automatic Defrost
Refrigerant	R290

Alarms

Temperature Alarm	Audible and Visual Alarm For Temperatures Outside The Set Range
Dirty Condensor Alarm	Audible and Visual Alarm
Door Alarm	Audible and Visual Alarm
Faulty Sensor Alarm	Audible and Visual Alarm

SPECIAL FEATURES



Hydrocarbon Refrigerant



Dirty Condenser Alarm



UV Protection



0°C to -25°C Accurate Temperature Control



Stainless Steel Interior & Exterior



Voltage Protector Included

"If it doesn't say MINUS40- Its not a MINUS40"



Model

Model Name	MED400GMF Medical Freezer
Cabinet Type	Upright
Capacity (L)	400L

Performance

Temperature Range	0°C to -25°C
Max Ambient Temperature	32°C
Controller(s)	1 Digital Controller - with an LED Display.

Dimensions

External Dimensions (H x W x D) mm	1850 x 600 x 650
Internal Dimensions (H x W x D) mm	1450 x 510 x 515
Weight (Kg)	120Kg

Electrical

Voltage (AC)	220V /50Hz
Rated Power Supply (Amps)	2
Electrical Protection	Voltage Protector Supplied
Energy Rating	B Class

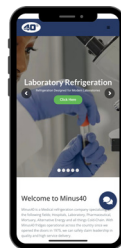
ADDITIONAL SERVICES OFFERED



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 Freezer.

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.*

