

Blood Bank Freezer (-40°C)

BB470LF

The BB470LF is specifically designed for rapidly freezing blood and then long term preservation storage. This BB470LF preservation freezer is also well suited for the high specification tolerances demanded in modern research laboratories that require storage of samples at below -40°C under consistent temperature conditions. The freezer is 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 unit comes standard with a digital controller with out-of-parameter audible alarms. It is also constructed in stainless steel inner and outer casing giving this unit an easy to clean and hygienic finish. This product is backed by the reputable and reliable Minus 40 service warranty and customers can select maintenance contracts to ensure extended longevity of their Minus 40 Fridge.



SPECIFICATIONS

Volume	470L
Temperature Range	0°C to -40°C
Suitable for maximum ambient temperature	35°C
Voltage	AC 220V/50Hz
Refrigerant	R507a

FEATURES

The inner and outer casing is produced with stainless steel.

This unit's insulation is foamed in place by Polyurethane 40kg/m² density with a minimum of 100mm thickness.

The refrigeration system is fitted with a condensing unit that cools a finned coil within the insulated cabinet.

Air is forced over the finned coil by 1 axial fan. Cold air is forced to the rear of the cabinet.

This air flow ensures even temperature distribution within the cabinet irrespective of how each shelf is packed.

Control of the refrigerator temperature is by means of a digital thermostat.

Audible and visual Alarm indication is provided for temperatures outside of set parameters

There is a cavity positioned towards the back of the unit for independent temperature monitoring.

An environmentally friendly refrigerator that is CFC free.

This unit consumes minimum power.

Rapid defrosting of the inner coil takes place automatically using hot gas technology and the defrosted water is evaporated in the compressor compartment.

4 Adjustable stainless steel shelves.



MEDICAL



MEDICAL REFRIGERATION

The outer door is self-closing lockable solid door for product security. There is an inner door which acts as an additional temperature barrier when the outer door is opened.

The door is a custom made from stainless steel.

Low operating sound, ideal for laboratory facilities.

An operating and installation manual is provided.

Units can be specified with a maintenance contract with Minus40 to ensure reliable and long term service of the freezer.

EXTERNAL DIMENSIONS

INTERNAL DIMENSIONS

Height mm	2060	Height mm	1250
Width mm	735	Width mm	605
Depth mm	880	Depth mm	680
Weight kg	230		

