

MEDICAL REFRIGERATION

HOLDOVER VACCINE REFRIGERATOR

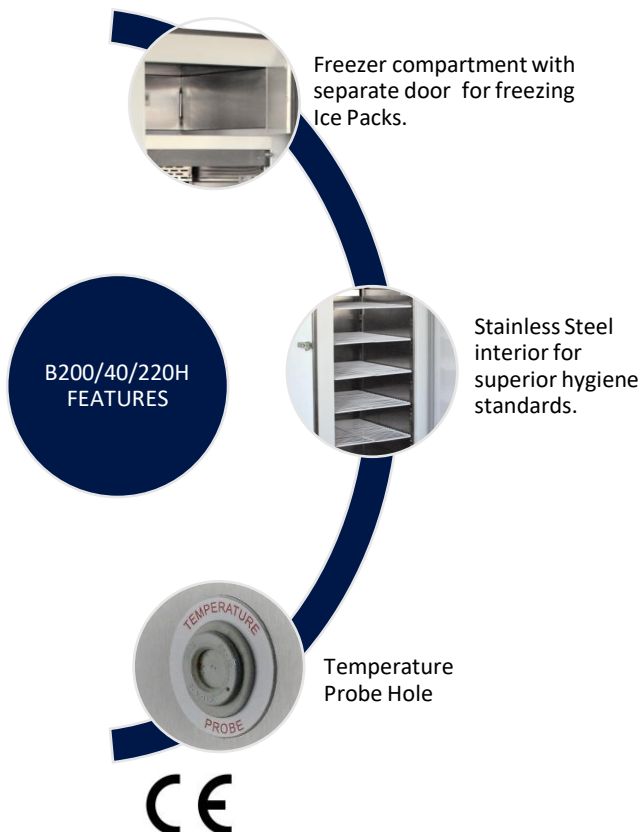
B200/40/220H

The B200/40/220H Vaccine Refrigerator was specifically developed to Global Health cold chain standards and sponsored by the South African National Department of Health together with independent testing by the CSIR. This unit was designed for duty where there is risk to reliable and continuous power supply. It will hold the fridge temperature between 2°C and 10°C for more than 55 hours at an ambient temperature up to 32°C. This gives clients the assurance that their vaccine will optimally retain its efficacy and shelf life, provided electrical power is restored within 48 hours. The vaccine refrigerator also has the unique feature of having a freezer compartment for cooling water packs that are subsequently used in cooler boxes for transporting vaccines to remote locations during vaccination campaigns.

The B200/40/220H Vaccine refrigerator is built to handle the robust duties expected in an African environment with a legacy of longevity in the field. Early examples are still working after more than 20 years' service.

All refrigerators are prepared with a probe hole for accepting independent temperature monitoring equipment to comply with the Pharmaceutical Regulations of 2015.

The B200/40/220H is backed by the reputable and reliable Minus 40 service warranty and customers can select maintenance contracts to ensure extended longevity of their Minus40 Refrigerator.

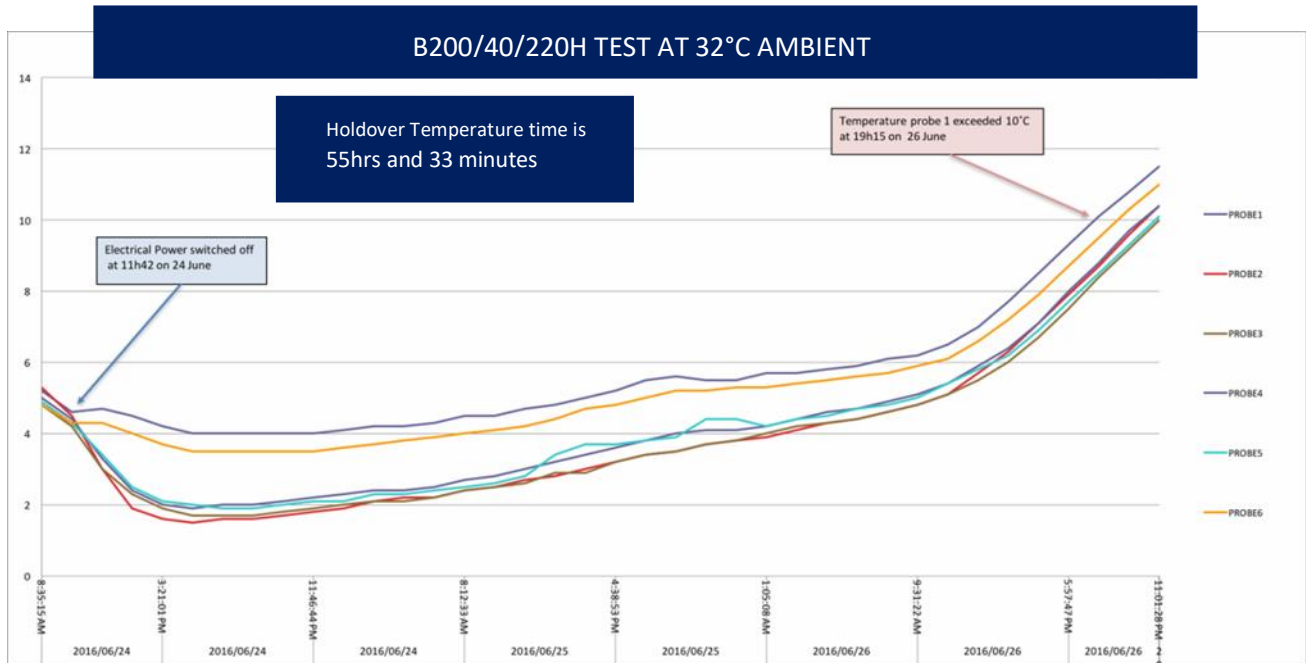


SPECIFICATIONS

Gross Capacity Fridge	200L
Gross Capacity Freezer	40L
Pre-set Operating Temperature range - Fridge	2°C to 8°C
Pre-set Operating Temperature range - Freezer	-15°C to -10°C
Suitable for usage in a maximum ambient temperature of	43°C
Hold-over time at less than -10°C (32°C AMB)	55Hrs
Ice Pack Freezing per Kg/24hrs	8Kg
Defrost Cycle	Manual
Voltage	220V AC /50Hz
Refrigerant	R134a
Rated Power Input	3 Amps
Shelves	5



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EXTERNAL DIMENSIONS

Height mm	1725
Width mm	650
Depth mm	710
Weight kg	160

INTERNAL FRIDGE DIMENSIONS

Height mm	920
Width mm	450
Depth mm	535

INTERNAL FREEZER DIMENSIONS

Height mm	210
Width mm	450
Depth mm	535

STANDARD PACKAGED DIMENSIONS

Height mm	1800
Width mm	700
Depth mm	780
Weight kg	170





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FEATURES

The refrigeration system consists of two independent condensing units, one dedicated to the fridge and the other to the freezer.

The refrigerator temperature is controlled by a 2-stage digital controller.

The first stage of the digital controller cools the unit by switching the compressor either on or off.

The second stage of the digital controller is set to prevent freezing of the vaccine load.

Should internal temperature near freezing point, the controller switches on a heating unit to provide sufficient heating to prevent freezing.

Alarm indication is provided for temperatures outside the 2°C to 8°C.

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

An internal fan is fitted to circulate air inside the cabinet.

The freezer compartment operates between -15°C to -10°C and is used for ice pack freezing.

Carrying handles are fitted on the unit to assist in off-loading, positioning and during hygiene cleaning exercises.

This unit is environmentally friendly as the refrigerator is CFC free.

Rated power Input 3 Amps.

Fridge interior surfaces prepared with stainless steel for superior hygiene standards.

Low operating sound, ideal for medical facilities.

5 Adjustable epoxy coated shelves.

Individual internal door is fitted to the freezer compartment to ensure that freezer temperature is regulated when main door is opened.

Door is a self-closing, solid door.

Lockable door for product security.

An operating and installation manual is provided.

ACCESSORIES

Additional shelves.

Castor wheels.

HETL-01 – Haier Portable Wireless Temperature Logger (-25°C to 50°C).

Fridge Tag TL2 – Berlinger Fridge Tag Temperature Monitor (0°C to 50°C).

Fridge Tag TL2L – Berlinger Fridge Tag Freezer Temperature Monitor (-25°C to 50°C).

