

# ZBF150DC Blood Bank Refrigerator

- SOLAR DIRECT DRIVE WITH SURE CHILL® TECHNOLOGY



APPLIANCES  
**ZERO**

Application:	Blood Bank Refrigerator
Type Of Appliance	Ice Lined (water lined) Solar direct drive refrigerator
Manufactured in:	South Africa
Cold Chain Compliant	YES
IEC 60335 Compliant	YES

## Specifications

Gross Volume (L)	173
Drawers	6
Blood Bag Storage	72 x 450ml Blood bags
Hot Zone Appliance (43°C)	Yes
Refrigerant	R134a (CFC Free)
Min Rated Ambient Temp	+5°C
Energy Source	Solar direct drive
Fuel And Cycle Type	Electric – Compression
Temperature Indicator	External Solar Thermometer
Temp Range	2°C to 6°C

## Power Consumption

(kW/24Hrs) Solar Power	Approx. 0.78
Solar array 370w-500w depending on geographical location	

## Performance Information

Autonomy Time at +43°C (Not fully charged)	> 100 Hours
At a Solar Radiation Reference Period of	3.5 kWh/m <sup>2</sup> /day

\*\*\* **Sure Chill**® Technology guarantees that blood cannot and will not freeze within rated temperatures (+5°C to +43°C)

## Accessories

<b>Optional Extras</b>	Liquid PCM to mix with water Drawers, Plywood packaging, 2 padlocks
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## Dimensions

Unboxed Dimensions (mm)	(H) 1880mm x (W) 800mm x (D) 700mm
Shipping Volume (Crated)	1.22m <sup>3</sup>
Shipping Weight (Crated)	180kg



## Temperature Control

Temperature accuracy is exceptionally high; temperature varies by less than 1 °C throughout the refrigerated compartment during compressor cycling and holdover.

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