## **ZBF150DC Blood Bank Refrigerator**

## - SOLAR DIRECT DRIVE WITH SURE CHILL® TECHNOLOGY



Application: **Blood Bank Refrigerator** 

WHO PQS no: (ZLF150DC) E003/052

Ice Lined (water lined) Solar direct drive Type Of Appliance

refrigerator South Africa Manufactured in:

**Specifications** 

Gross Volume (L) 173 Drawers 6

**Blood Bag Storage** 72 x 450ml Blood bags

Hot Zone Appliance (43°C) Yes

R134a (CFC Free) Refrigerant

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/m2/day

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

**Accessories** Liquid PCM to mix with water

**Optional Extras** Drawers, Plywood packaging, 2 padlocks

**Dimensions** 

Unboxed Dimensions (mm) (H) 1880mm x (W) 800mm x (D) 700mm

Shipping Volume (Crated) 1.22m<sup>3</sup> Shipping Weight (Crated) 180kg

Verification Report (as per ZLF150DC) 101861736MKS-0019

Current PQS Status (as per ZLF150DC) Pre-qualified **Verification Laboratory** Intertek UK Pre-qualification date 5 June. 2015



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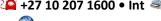


**Temperature Control** Temperature accuracy is exceptionally high; temperature

varies by less than 1 °C throughout the refrigerated compartment during compressor cycling and holdover.

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