

ZBF150DC Blood Bank Refrigerator

- SOLAR DIRECT DRIVE WITH SURE CHILL® TECHNOLOGY



ZERO
A P P L I A N C E S

Application: Blood Bank Refrigerator
WHO PQS no: (ZLF150DC) E003/052
Type Of Appliance Ice Lined (water lined) Solar direct drive refrigerator
Manufactured in: South Africa

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/m²/day

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

Accessories

Optional Extras Liquid PCM to mix with water
Drawers, Plywood packaging, 2 padlocks

Dimensions

Unboxed Dimensions (mm) (H) 1880mm x (W) 800mm x (D) 700mm
Shipping Volume (Crated) 1.22m³
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



Temperature Control

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

Zero Appliances (Pty) Ltd • Johannesburg, South Africa

☎ 010 207 1600 • ☎ 010 207 1675 • Int ☎ +27 10 207 1600 • Int ☎ +27 10 207 1675

🌐 info@zeroappliances.co.za • 🌐 www.zeroappliances.co.za

E&OE Errors and Omissions Excepted