

# ZBF100AC Blood Bank Refrigerator

## ELECTRIC - COMPRESSION WITH SURE CHILL® TECHNOLOGY



**ZERO**  
 A P P L I A N C E S

Application: Blood Bank Refrigerator  
 WHO PQS no: (ZLF100AC) E003/036  
 Type Of Appliance Ice Lined (water lined) Refrigerator  
 Manufactured in: South Africa

### Specifications

Gross Volume (L) 124  
 Drawers 6  
 Blood Bag Storage 52 x 450ml Blood bags  
 Hot Zone Appliance (43°C) Yes  
 Refrigerant R134a (CFC Free)  
 Min Rated Ambient Temp +5°C  
 Energy Source Electric Mains 220-240V 50/60Hz or  
 Electric Mains 115V / 60Hz Optional  
 Fuel And Cycle Type Electric – Compression  
 Temperature Indicator External Solar Thermometer



### Power Consumption

Power Requirements (as per ZLF100AC) 220 – 240V 50/60Hz. Included Is An ASP  
 To Enable 150-280V  
 Power Consumption 43°C (as per ZLF100AC) 4 Hrs Mains Supply / 24 Hours  
 Power Consumption 32°C (as per ZLF100AC) 2½ Hrs Mains Supply / 24 Hours

### Performance Information

Hold Over Time >110 Hours  
 Cooldown Time 32°C Full Load Half Load  
 (Bloodbags Stable At 37°C) 16 Hours 8 Hours



\*Unit Uses **Sure Chill**® Technology. Water lining guarantees no freezing of stored items

### Accessories Optional Extras

Liquid PCM to mix with water  
 Drawers, 115V/60Hz nominal power option,  
 Plywood packaging, 2 padlocks

### Dimensions

Unboxed Dimensions (mm) (H) 1780mm x (W) 800mm x (D) 700mm  
 Shipping Volume (Crated) 1.132m³  
 Shipping Weight (Crated) 120kg

### Temperature Control

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

**Verification Report** (as per ZLF100AC) 100889510MKS-001  
**Current PQS Status** (as per ZLF100AC) Pre-qualified  
**Verification Laboratory** Intertek UK  
**Pre-qualification date** 14 Feb. 2013

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