

# 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  
 Type Of Appliance: Ice Lined (water lined) Refrigerator  
 Manufactured in: South Africa  
 Cold Chain Compliant: YES  
 IEC 60335 Compliant: YES

### 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 16 Hours, Half Load 8 Hours  
 (Bloodbags Stable At 37°C)



### Temperature Control

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

\*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

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