

ZBF150AC 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: (ZLF150AC) E003/044
 Type Of Appliance Ice Lined (water lined) 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 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 ZLF150AC) 220 – 240V 50/60Hz. Included Is An ASP To Enable 150-280V
 Power Consumption 43°C (as per ZLF150AC) 4 Hrs Mains Supply / 24 Hours
 Power Consumption 32°C (as per ZLF150AC) 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) 19 Hours 11 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) 1880mm x (W) 800mm x (D) 700mm
 Shipping Volume (Crated) 1.22m³
 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.

Verification Report (as per ZLF150AC) 101568371MKS-001
Current PQS Status (as per ZLF150AC) Pre-qualified
Verification Laboratory Intertek UK
Pre-qualification date 1 Sept. 2014