

CODE NO:

DEVICE NAME: Refrigerator for central blood bank

DATE:2024

<b>Purpose</b>	Used for safe storage of whole blood, blood components (blood cells)
<b>FDA CLEARANCE or CE MARK</b>	<b>Yes ( FDA Preferred)</b>
<b>CONFIGURATION</b>	Upright
Temperature range	2° to 6°C
<b>CAPACITY, L</b>	≥ 600
❖ Number of bags	≥ 350 bags
<b>SHELVES/DRAWERS</b>	Each Drawer Bear ≥ 30 kg ,Suitable for Blood storage
• Number	≥ 6
• Type	Stainless steel drawers
<b>DOORS, number</b>	Single or Double
<b>Description of door</b>	self-closing, Glass
<b>Locking mechanism</b>	Key lock
<b>CASTERS</b>	Yes
<b>INTERIOR LIGHT</b>	Yes
<b>FINISH</b>	stainless steel exterior and interior
<b>CONTROLS</b>	Yes adjustable
<b>Defrosting</b>	Automatic (must be used by Heater)
<b>TEMP-ALARM SYSTEM</b>	Yes
• Alarm conditions	Audible and visual for high/low temperatures, power failure and temperature sensor failure and other
• Chart recorder time	7 days
• Temp indicator	LED or LCD , Refrigerator temp , interior blood bag temp .
• Sensor	2 sensor ,one for interior temperature of refrigerator the second sensor for interior blood bag temperature
<b>BACKUP POWER SUPPLY</b>	Yes
<b>REFRIGERANT</b>	Gas R134aOR 290available in Iraqi market
<b>COMPRESSOR,</b>	Hermetic Type, It contains two compressors on top of the refrigerator preferred.
<b>Training for 7 days for 2 Engineerin the country of origin.</b>	
<b>Origin :USA or Europe or JAPAN</b>	
<b>Power &amp; Environmental Requirements</b>	Power input to be 220-240VAC, 50Hz. The supplier should be confirmed that: The Equipment is suitable for working in climate conditions of Iraq in terms of temperature and humidity.

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