



BLOOD BANK REFRIGERATOR

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Blood bank refrigerator designed to meet the storage requirement of whole blood and blood components. Maintains optimal temperature range $4\pm1^{\circ}\text{C}$ required and capacity ranges from 88 L to 1380 L. Microprocessor controller is provided for display of temperature along with alarm systems.

Used in Immunohematology Department, Blood Bank, Laboratory, Research, Medical, Pharmaceutical.

Also known as Laboratory Blood Bank Refrigerator.

300 BLOOD BANK REFRIGERATOR



Microprocessor controlled forced-air cooling with electrical heat compensation system

Digital temperature display for upper and lower sections in chamber with 0.1°C resolution

Consistent cabinet temperature $2-6^{\circ}\text{C}$

High-tech integrated sensors to display and control temperature

Auto-defrost to remove moisture on cooling surface

Build-in backup battery to display temperature and to operate audible and visual alarm systems for up to 72 hours without ac power

Equipped with a complete temperature alarm system featuring audible buzzer and visible flashing light

Standard with laser printer

Standard with acrylic inner small door, for less affection on other room when one door open

Safety lock to prevent unauthorized access

Storage space designed for easy sorting of a variety of blood products

SPECIFICATIONS

Model	BBBF-301	BBBF-302	BBBF-303	BBBF-304
Capacity	108 L	208 L	658 L	1008 L
Temperature Range	4°C±1			
Ambient Temperature	10~32 °C			
Bloodbags (450ml)	66	132	360	576
Refrigerant	R134a			
Defrost Method	Auto Defrost			
Controller	Microprocessor Control with digital Display			
Control Sensor	NTC			
Cooling Type	Forced air cooling			
Compressor brand/QTY	EMBRACO/1		SECOP/1	
Shelf/drawer	Shelves/2	Shelves/4	Shelves/12	Drawers/12
Alarms	High/low temperature, Power off, Temperature controller malfunction, Backup battery malfunction, Ambient temperature 10~32°C, Power failure backup system(alarm) 72h	High/low temperature, Power off, Temperature controller malfunction, Backup battery malfunction, Ambient temperature 10~32°C, Power failure backup system(alarm) 8h		
Insulation	PURF			
Material Inside	Stainless steel			
Material Outside	Color sprayed steel			

Noise Level	49.6 dB	51.2 dB	53.6 dB
Internal Size	432x462x478 mm	1100x454x1325 mm	1100x684x1325 mm
External Size	540x630x1030 mm	540x640x1530 mm	1225x640x1895 mm
Package Size	700x585x1200 mm	590x700x1700 mm	1330x740x2120 mm
CBM	0.49	0.7	2.09
20GP/40GP/40HQ	32/68/68	27/60/60	12/27/27
NT./GT. (kg)	74/95kg	96/120kg	202/257kg
Power consumption (kw.h/24h)	1.95	2.22	6.31
Power	175 W	183 W	364 W
Current (A)	1A	0.8A	2.42A
Standard Accessories	Caster, 1 Outer Door, Heating & Foam Glass Door, 2 Inner Door, 1/25mm Test Hole, Thermal Printer, LED Light	Caster, 1 Outer Door, Heating & Foam Glass Door, 4 Inner Door, 1/25mm Test Hole, Thermal Printer, LED Light	Caster, 2 Outer Door, Heating & Foam Glass Door, 6 Inner Door, 1/25mm Test Hole, Thermal Printer, LED Light
Optional Accessory	Temperature recorder Datalogger		Temperature recorder chart recorder



BBBF-301



BBBF-302



BBBF-304

BBBF-305 BLOOD BANK REFRIGERATOR



450ml blood bag x 200

SPECIFICATIONS

Model	BBBF-305
Capacity	368 L
Temperature Range	+4°C±1
Ambient Temperature	10~32°C
Bloodbags(450ml)	200
Refrigerant	R134a

Defrost Method	Auto Defrost
Controller	Microprocessor Control with digital Display
Control Sensor	NTC
Cooling Type	Forced air cooling
Compressor brand/QTY	EMBRACO/1
Shelf/drawer	Shelves/4
Alarms	High/low temperature,Power off, Temperature controller malfunction, Backup battery malfunction, 8h Power failure backup system(alarm)
Insulation	PURF
Material Inside	Stainless steel
Material Outside	Color sprayed steel
Internal Size	685×429×1380 mm
External Size	785×565×1920 mm
Package Size	890×650×2100 mm
CBM	1.21
20GP/40GP/40HQ	21/44/44
NT./GT. (kg)	128/135
Power consumption (kW.h/24h)	4.28
Power	325W
Current (A)	2.2A
Voltage/frequency (V/Hz)	220/50Hz
Standard Accessories	Caster, 1 Heating & Foam glass door type outerdoor, 4 Inner door, Test hole 25mm, Thermal Printer, LED Light,
Optional Accessory	Temperature recorder Datalogger

BBBF-306 BLOOD TRANSPORT BOX



SPECIFICATIONS

Model	BBBF-306
Capacity	700 L
Temperature Range	+4°C
Ambient Temperature	10~32°C
Refrigerant	R134a
Defrost Method	No frost
Controller	Microprocessor Control with digital Display

Control Sensor	NTC
Cooling Type	Forced air cooling
Shelf/drawer	Blood Baskets
Alarms	High/low temperature, Power failure, Sensor error, Thermostat failure, 8h Power failure backup system(alarm)
Insulation	PURF
Material Inside	PE
Material Outside	PE
Internal Size	939x973x863 mm
External Size	1070x1120x1080 mm
Package Size	1140x1190x1150 mm
CBM	1.56
20GP/40GP/40HQ	16/40/40
NT./GT. (kg)	182/209kg
Power consumption (kW.h/24h)	1.6
Power	160W
Current (A)	DC12V/14A, DC24V/7A, AC220V/1.5A
Voltage/frequency (V/Hz)	DC12V, DC24V, AC220V
Standard Accessories	PE Foot,
Optional Accessory	Temperature recorder



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