TempIn™

preserving life

Blood Bank Refrigerator

TBBR-1440-D

Features

- **Upright**
- **Capacity (L) 1381 L.**
- **Range +4 °C**

BLOOD BANK REFRIGERATOR WITH TRUE DUALTM COOLING TECHNOLOGY
Optimal choice for safe and reliable storage of blood. These models are MDD certified and designed with stabile and reliable temperature uniformity from top to bottom..

SAFE BLOOD STORAGE

The BBR range comes with many special features compared to a standard pharmaceutical refrigerator. To meet the strict requirements of the MDD approval, they come with probes immersed in glycerin, extra security controller, chart recorder and secondary probes, all to preserve the integrity and traceability of the precious blood. The BBR range comes as standard with telescopic drawer systems with lanes and dividers so that you can sort and extract the stored samples with minimum efforts – taking up less time when it really matters
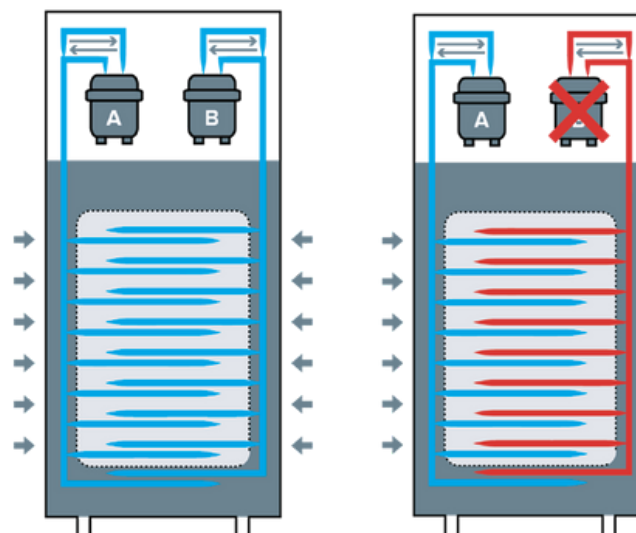
OPTIMIZED INTERIOR

The valuable blood is well protected and monitored in our blood banks, ensuring the high quality of your blood bags at all times. Insulated double pane glass doors will prevent condensation and ensures great temperature uniformity. Together with the smart design, glass door and the telescopic drawers in Arctiko's BBR range you are ensured to have maximum capacity of blood bag, a great access and overview of the stored samp

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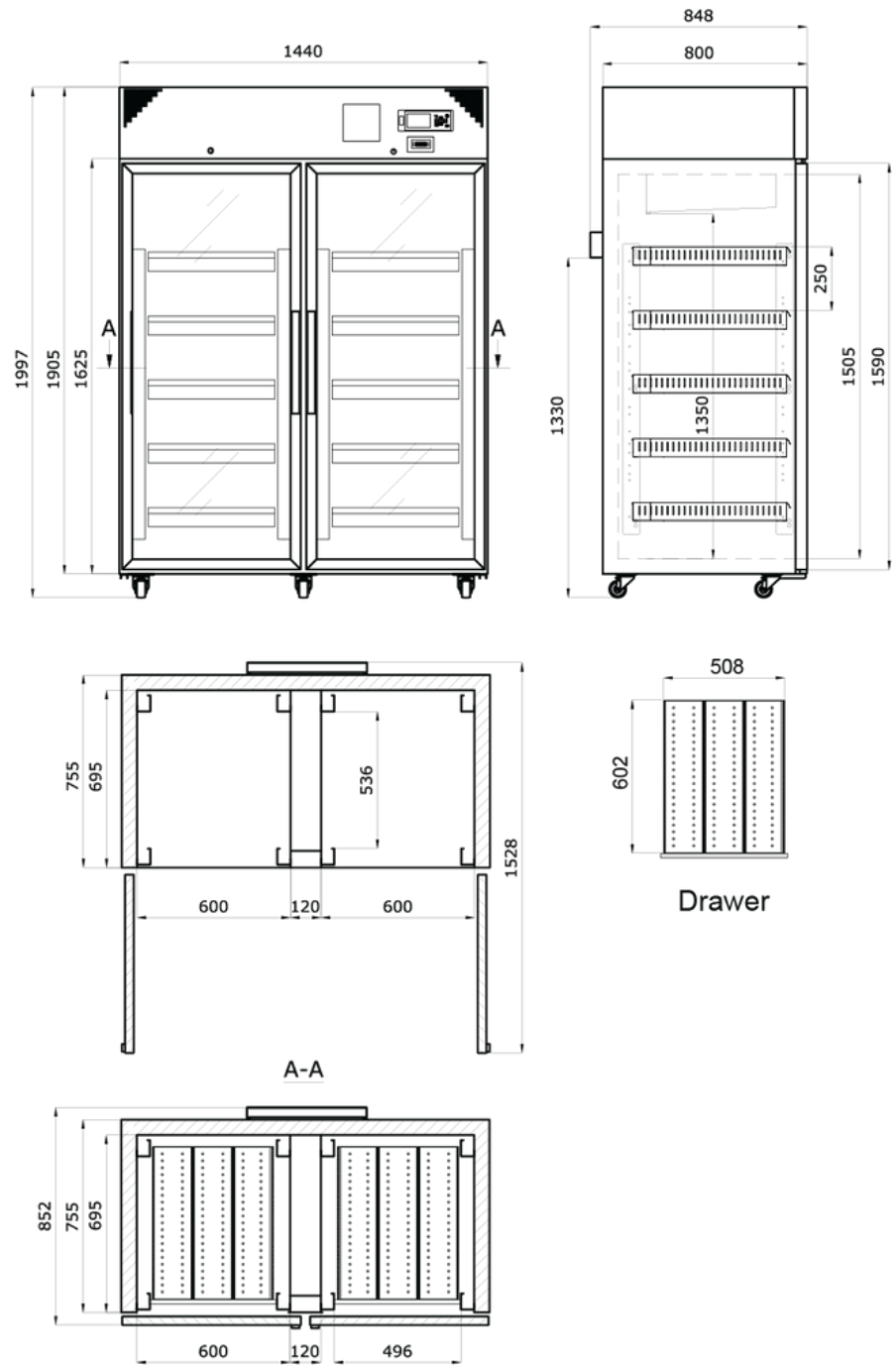

TRUE DUAL TECHNOLOGY

In case of a failure, the TRUE DUALTM technology maintains a stable temperature of +4 °C and protects the blood.

MAIN DIMENSIONS

A-A

Drawer

OPTIONAL FEATURES

- GSM alram module
- Modbus adapter
- Voltage stabilizer
- Voltage converters

MODEL	TBBR-1440-D
Specifications	
Item code	DAI 1155
Temperature range (˚C)	+4
Max. ambient temperature (˚C)	32
Capacity (L)	1381
Exterior dimensions WxDxH (mm)	1440x860x1997
Interior dimensions WxDxH (mm)	1320x695x1505
Weight (KG)	213
Insulation (mm)	60
Cooling technology	forced air
Controller Model / probe type	G214 / PT1000
Power	
Power supply (V)	230
Frequency (Hz)	50/60
Power consumption (kWh/24h)	10.5
AMP (A)	4.4
Power (Watt)	751
Horse power (HP)	2 x 1/2
Alarm Functions	
Alarm display as text - not codes	yes
Visual / acoustic alarm	yes / yes
Power failure alarm	yes
Adjustable high / low temperature alarm	yes / yes
Open door alarm	yes
Probe failure alarm	yes
Low battery alarm	yes
Compressor failure alarm	yes
Battery backup for alarms (approx. hrs.)	72
Data logging & external connection	
Voltage free contact for remote alarm (e.g. GSM alarm module)	yes
Electronic data logger	yes
RS 485 port	yes
USB port for software update & data download	yes
Temperature chart recorder	yes
Display Features	
Display type	4,3" with touch buttons
Number of optional reference probes	2
Password protection for turning unit on / off	yes
Temperature graph on display	yes
Features	
Automatic defrost	yes
Antifreeze function	no
Vacuum release port	no
Access port for external probe etc. (int. diameter mm)	12
Light	yes
Lock with key	yes
Castors (total pcs) / castors with brake (pcs)	5 / 3
Fixed feet (pcs) / levelling feet (pcs)	no
Sub lids / inner doors (pcs)	no
Reversible door(s)	yes
Fixed shelves (pcs) / adjustable shelves (pcs)	no
Max. no. of shelves (pcs) / recommended max. no. of shelves (pcs)	no
Max. load per shelf (kg)	no
Adjustable drawers (pcs)	10
Max. load per adjustable drawer (kg)	30
Max. no. of blood bags - by standard no. of adj. drawers (pcs)	600
Refrigeraton & Cabinet	
Number of compressors	2
Refrigerant	R290*
Interior cabinet material	stainless steel
Exterior cabinet material	painted steel
Colour (exterior cabinet)	white
Foam type	polyurethane
VIP vacuum insulated panels	no
Shipping	
Shipping weight (kg)	340
Shipping dimensions WxDxH (cm)	156x108x220
Shipping volume (m³)	3.71

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