BioBlood 1270/1400

Biostorage you can depend on

BioBlood BR1400.
Drawers and chart recorder are optional extras.

The **BioBlood 1270/1400** design is customised to meet the special requirements associated with the controlled storage of blood, plasma and blood–related products.

These advanced cabinets have been developed exclusively for blood storage in order to help ensure high, consistent quality at every stage from donor to transfusion. This means uniquely stringent specifications of all the components.

BioBlood cabinets also provide users with an excellent view of the contents. A glass door lets you see at a glance what is inside the cabinet, making checking and access both quicker and easier.

The **BioBlood 1270/1400** utilises environmentally responsible HFC-free foam propellants and is available with CFC-free or HFC-free refrigerants.

The BioBlood 1270/1400 is available as a refrigerator or freezer in either white or stainless steel finish. All BioBlood models come with selfclosing door. Glassdoor is available for refrigerator.

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Top panel with BioBlood control unit
The MPC unit is specially developed for users of storage cabinets in the BioBlood range. Among its many features are acoustic temperature and door alarms, and a voltage-free contact (NO/NC) for remote alarms. The display can be locked.

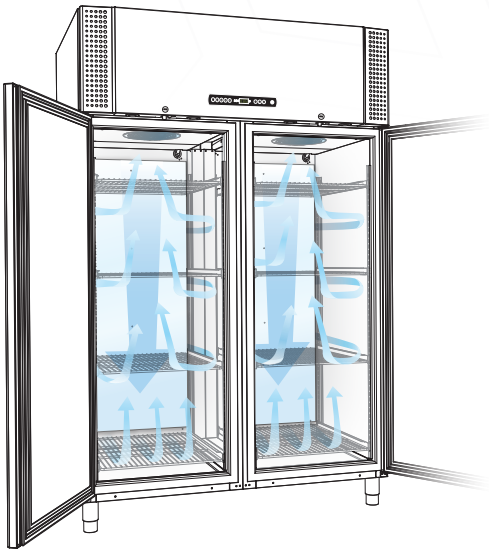
Access port
24.5 mm port for ease of access, e.g. sensors for external temperature surveillance.

E-sensor
Extra sensor and reference container for providing a temperature reference within the storage compartment.

Shelves and drawers
A wide range of versatile interior fittings and layouts is available. The operating specifications and the interior layout can both be customised.

Castors and legs
Can be fitted with castors, legs or mounted on a plinth.

Stainless steel interior
The internal sides and bottom as well as shelf and drawer brackets and support rails are made of stainless steel.



AIR DISTRIBUTION

The unique Gram BioLine air distribution system makes sure the temperature inside the cabinet remains stable at all times, while using the minimum amount of energy.

Technical specifications	BioBlood BR1270/1400	BioBlood BF1270/1400
Temperature range	+6/+2 °C	-5/-25 °C
Ambient temperature range	Solid door 10/43 °C; glass door (BR) 10/38 °C	
Control Unit	Gram Control Unit with voltage-free contact, E-sensor, acoustic and visual door and temperature alarms that can be programmed individually, alarm recording and calibration function	
Material interior Material exterior	Stainless steel Lacquered steel or stainless steel	
Dimensions mm (W x D x H)	1270: 1390 x 876 x 2010* / 1400: 1390 x 876 x 2160	
Gross volume	1270: 1270 litres/44.8 cubic feet / 1400: 1400 litres/49.4 cubic feet	
Net volume	1270: 864 litres/30.6 cubic feet / 1400: 968 litres/34 cubic feet	
Modules for shelves and drawers	1270: Shelves 48 - Drawers 24 / 1400: Shelves 52 - Drawers 26	
Insulation	60 mm polyurethane with CFC and HFC-free cyclopentane propellant	
Refrigerant	R290 / R134a	R290 / R404A
Refrigeration capacity at -10 °C	R290 946 Watt / R134a 703 Watt	-
Refrigeration capacity at -25 °C	-	R290 950 Watt / R404a 947 Watt
Energy consumption	1270: 6.1 kWh/24h / 1400: 6.5 kWh/24h	1270: 11.0 kWh/24h / 1400: 11.3 kWh/24h
Noise level	50.8 dB(A)	53.5 dB(A)
Base	Legs**	
Connection	230 V, 50 Hz	
Air system	BioLine ventilated air distribution system	
Defrost system	Automatic smart defrost with re-evaporation of defrost water	

** Available in height less than 2000 mm*
*** The cabinets can also be delivered with castors or for mounting on a plinth at no extra charge*

bioline

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