The BioBlood 500 is available as a refrigerator or freezer in either white or stainless steel finish.
The refrigerator is equipped with well-insulated glass door, the freezer with solid door.

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BioBlood 500

The **BioBlood 500** 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.

Available in either white or stainless steel finish, with well-insulated glass or solid doors.

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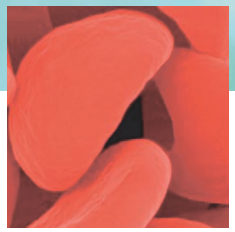

BioBlood BR 500.
Drawers and chart recorder are optional extras.

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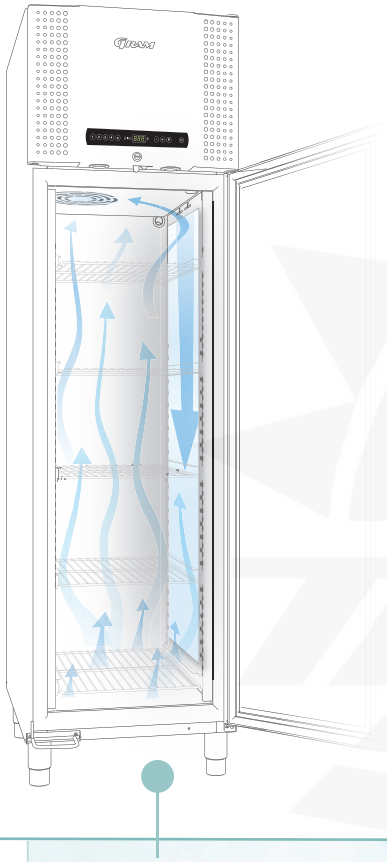
Top panel with BioBlood control unit

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 for monitoring systems and/or remote alarms. The display can be locked. An integrated Gram monitor, for providing documentation for the internal cabinet, is fitted on the control.

BioBlood 500



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

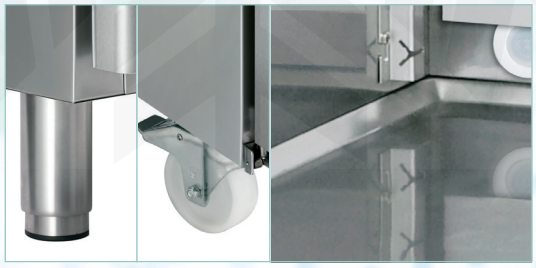
A wide range of versatile interior fittings and layouts is available. The operating specifications and the interior layout can both be customised.

Technical specifications	BioBlood BR500	BioBlood BF500
Temperature range	2/6 ºC	-5/-25 ºC
Ambient temperature range	10/40 ºC	
Control unit	Gram BioLine MPC 4.6, voltage-free contact, E-sensor, acoustic door and temperature alarms that can be programmed individually, alarm recording, dry cool function (BR) and calibration function.	
Material interior Material exterior	Stainless steel Lacquered steel or stainless steel	
Dimensions mm (W x D x H)	600 x 806 x 2160	
Gross volume	500 litres/17.7 cubic feet	
Net volume	365 litres/12.9 cubic feet	
Modules for shelves and drawers	Shelves 52 - Drawers 13	
Insulation (mm)	60 mm (cyclopentane)	
Refrigerant	R290 / R134a	R290 / R404A
Base	Legs*	
Connection	230 V, 50 Hz	
Noise level (DbA)	R290 46.2	R290 48.7
Refrigeration capacity at -10 ºC	R290 389 Watt / R134a 314 Watt	
Refrigeration capacity at -25 ºC		R290 475 Watt / R404a 568 Watt
Air system	Ventilated Gram distribution system	
Defrost system	Smart defrost (fan and electric defrost element)	Smart defrost (electric defrost element)

** The cabinets can also be delivered with castors or for mounting on a plinth at no extra charge.*

Air distribution

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



Castors and legs
Stainless steel interior

Can be fitted with castors or feet, or mounted on a plinth. The internal sides and bottom as well as shelf and drawer brackets and support rails are made of stainless steel.

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