

BioBlood 600/660W



Biostorage you can depend on



BioBlood BR660W
Drawers and chart recorder are optional extras.

The **BioBlood 600/660W** 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 600/660W** utilises environmentally responsible HFC-free foam propellants and is available with HFC-free refrigerants.



The BioBlood 600/660W 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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Exclusively for markets outside the european union.



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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.



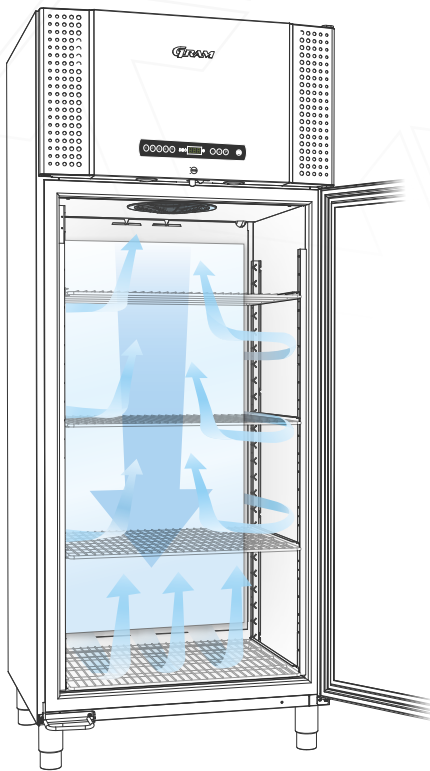
E-sensor

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

Castors, legs or plinth-mounting are available as optional extras.



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 BR600/660W | BioBlood BF600/660W |
|----------------------------------|--|---|
| Temperature range | +6/+2 °C | -5/-25 °C |
| Ambient temperature range | Solid door 10/43 °C; glass door (BF) 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, dry cool function and offset function | |
| Material interior | Stainless steel | |
| Material exterior | White lacquered steel or stainless steel | |
| Dimensions mm (W x D x H) | 600W: 815 x 756 x 1875/2125 / 660W: 815 x 756 x 2025/2275 | |
| Gross volume | 600W: 600 litres/21.2 cubic feet / 660W: 660 litres/23.3 cubic feet | |
| Net volume | 600W: 432 litres/15.3 cubic feet / 660W: 484 litres/17.0 cubic feet | |
| Net weight | Unpackaged net weight without optional fittings: 600W: 146 kg, 660W: 152 kg | |
| Modules for shelves and drawers | 600W: Shelves 24 - Drawers 12 / 660W: Shelves 27 - Drawers 13 | |
| Insulation | 60 mm polyurethane with HFC-free cyclopentane propellant | |
| Refrigerant | R290 / R134a | R290 / R404A |
| CO ₂ e | R134a: 329 / R134a: (dual comp.): 615 | R404A: 902 / R404A: (dual comp.): 1545 |
| Refrigeration capacity at -10 °C | R290 389 Watt / R134a 314 Watt | - |
| Refrigeration capacity at -25 °C | - | R290 475 Watt / R404a 568 Watt |
| Energy consumption | 600W: 1.35 kWh/24h / 660W: 1.28 kWh/24h | 600W: 4.07 kWh/24h / 660W: 4.46 kWh/24h |
| Sound level | 47.3 / 48.5 dB(A) | 48.3 / 49.5 dB(A) |
| Base | Legs | |
| Connection | 230 V, 50 Hz | |
| Air system | Gram BioLine ventilated air distribution system | |
| Defrost system | Automatic smart defrost with re-evaporation of defrost water | |