

The BioCompact II 610 is available as a refrigerator or freezer in either white or stainless steel finish

**Ex II 3G Ex nA nC nL IIB
TÜV 10 ATEX 367068 X**



GRAM
Biostorage you can depend on

BioCompact II 610

BioCompact II 610 is a range of economical, environmentally responsible refrigerators and freezers designed specifically for biostorage uses.

The BioCompact II 610 includes the major features from the top-of-the-range BioLine models, combined with a new refrigeration system. This provides performance that is significantly better than any comparable biomaterial storage cabinet in this price bracket.

The BioCompact II 610 uses environmentally responsible refrigerants, including R290. No HFC refrigerants are used.

The BioCompact II 610 provides the largest storage volume within the BioCompact II range. This, combined with its midlevel price point, makes it the ideal choice for the reliable storage of biomaterial under stable conditions – a requirement for which standard commercial or domestic refrigeration cabinets cannot be considered.



Drawers are optional extras



bioline

Biostorage you can depend on

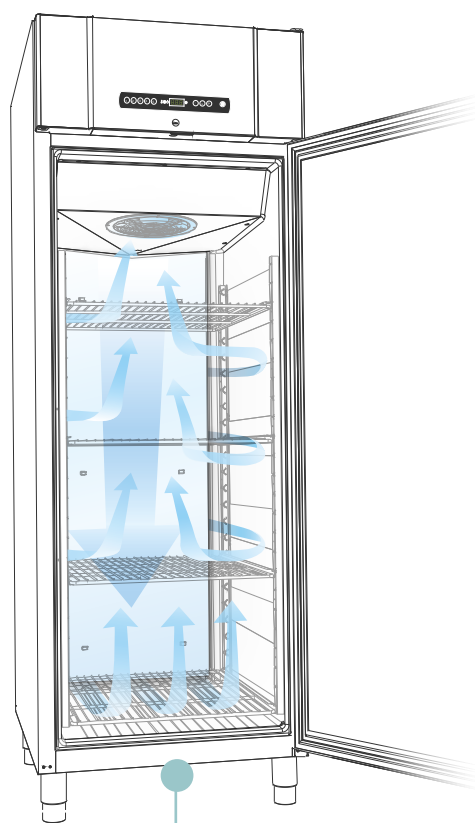
Gram Commercial A/S
Aage Grams Vej 1
DK- 6500 Vejens
Tel: +45 73 20 13 00
Fax: +45 73 20 12 01
info@gram-bioline.com
www.gram-bioline.com

Top panel with BioLine control unit

The MPC unit is specially developed for users of BioLine storage cabinets. Among its many features are acoustic temperature and door alarms, and a voltage-free connector (NC/NO) for remote alarms. The display can be locked. An integrated Gram monitor, for providing documentation for the conditions within the cabinet, is available as an option.



BioCompact II 610



Access port

24.5 mm access port that makes it easy to insert objects, e.g. sensors for external temperature surveillance.

E-Sensor

Extra sensor 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. Ps. The standard BioLine configuration is without any shelves or drawers

Technical Specifications	BioCompact II RR610	BioCompact II RF610
Temperature range	2/15 °C	-5/-25 °C
Ambient temperature range	10/43 °C	
Control Unit	Gram BioLine MPC 4.6, voltage-free contact, E-sensor, acoustic door and temperature alarms that can be programmed individually, alarm recording, hi/low temperature and calibration function.	
Material:		
Interior	ABS with wall rails in stainless steel	
Exterior	Lacquered steel or stainless steel	
Dimensions mm (W x D x H)	695 x 868 x 2010	
Gross volume	583 litres/20,6 cubic feet	
Net volume	419 litres/16,7 cubic feet	
Modules for shelves and drawers*	Shelves 24 (recommended 5) - Drawers 12	
Insulation	60 mm (cyclopentane)	
Refrigerant	R600a or R134a	R290 or R404a
Base	Legs**	
Connection	230 V, 50 Hz	
Noise level	48 dB(A)	50,4 dB(A)
Refrigeration capacity at -10 °C	R600a 354 Watt / R134a 314 Watt	-
Refrigeration capacity at -25 °C	-	R290 512 Watt / R404a 568 Watt
Air system	Ventilated Gram distribution system	
Defrost system	Smart defrost (fan only)	Smart defrost (electric defrost element)

* BioLine cabinets are delivered without any shelves and drawers. The number and composition of shelves and drawers according to customer demand.

** The cabinets can be delivered with wheels or prepared 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 only a minimum of energy.



Wheels and legs ABS inner lining

Wheels, legs or plinth-mounting are available as options for cabinets in the BioLine product range, at no extra charge.

The inside has a durable one-piece moulded grey ABS inner lining with rounded corners. The wall rails are made of stainless steel.

GRAM
Biostorage you can depend on