

The BioCompact II 310 is available as a refrigerator or freezer in either white or stainless steel finish. Choose between well-insulated glass door with light or solid door.



BioCompact II 310

The **BioCompact II 310** is an intermediate-sized refrigerator or freezer cabinet with a small footprint, designed for a wide range of biostorage purposes where the prime focus is on dependability and exceptional performance.

The **BioCompact II 310** provides you with significantly better performance than any other cabinets in this segment, on account of a refrigeration system that does away with cold walls that can damage the contents and a unique air distribution system for storing ordinary biomaterial under consistent, stable conditions.

The design of the **BioCompact II 310** ensures you lots of ways to deal with individual storage needs, thanks to the versatile interior layout and a comprehensive selection of fixtures and fittings. The small footprint of this design also makes it the perfect biostorage unit for use in confined spaces.

The **BioCompact II 310** uses environmentally responsible HFC-free foam propellants and is available with CFC-free or HFC-free refrigerants. Based on decades of specialist know-how, these biostorage units are exceptionally energy-efficient, and are the best performers on the market in relation to Scandinavian standards.

Available in either white or stainless steel finish, with a one-piece moulded ABS inner lining. Shelves and drawers are mounted in U-shaped rails moulded into the plastic walls.



BioCompact II RR310.
Drawers, reference container and glass door are optional extras.



Biostorage you can depend on

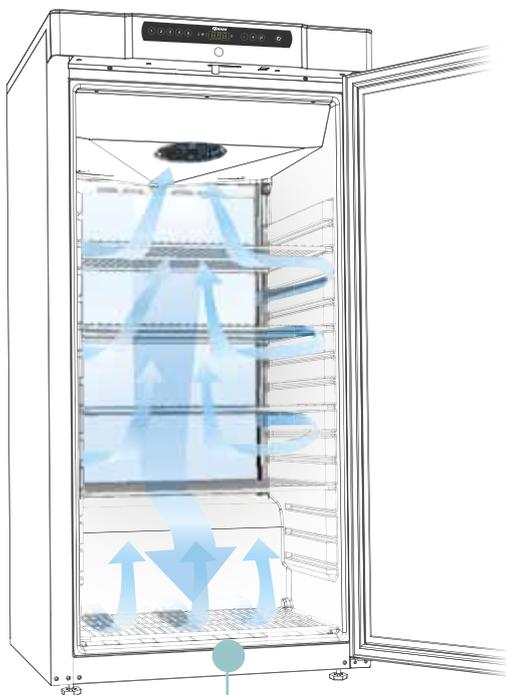
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Top panel with BioLine control unit

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.



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Access port

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

E-sensor

Extra sensor for providing a temperature reference within the storage.

Finned tube evaporator

Using a refrigeration system based on a finned tube evaporator is unique for biostorage products in this segment, and provides unparalleled benefits. The design results in a refrigerated storage space with no cold walls that can damage any delicate items stored in the cabinet. This also makes it possible to ensure even better temperature stability inside the cabinet.

Technical specifications	BioCompact RR 310	BioCompact RF 310
Temperature range	+2/+15°C	-25/-5°C
Ambient temperature range	Solid door 10/35 °C; glass door (RR) 10/32 °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 function, and calibration function.	
Material interior	ABS lining	
Material exterior	Lacquered steel or stainless steel finish	
Dimensions (W x D x H)	595 x 640 x 1220 mm	
Gross volume	218 litres/7.8 cubic feet	
Net volume	189 litres/6.7 cubic feet	
Modules for shelves and drawers	14 shelves, 7 drawers, 4 wire baskets	
Insulation	50 mm (cyclopentane)	
Refrigerant	R600a or R134a	
Base	Wheels/skids*	
Connection	220 V, 50 Hz	
Energy consumption	0,6 kWh/24h	1,3 kWh/24h
Noise level	36,8 dB(A)	39,9dB(A)
Refrigeration capacity at -10 °C	R600a 154 Watt / R134a 150 Watt	-
Refrigeration capacity at -25 °C	-	R600a 156 Watt / R134a 149 Watt
Air system	Gram ventilated distribution system	
Defrost system	Smart defrost with automatic evaporation of defrost water	

* The cabinets can be delivered with castors or legs or prepared for mounting on a plinth as optional extras.

Air distribution

The unique Gram air distribution system makes sure the temperature inside the cabinet remains stable at all times. With the finned tube evaporator placed in the top, there are no cold walls inside the cabinet.



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 - ABS inner lining

Wheels, legs or plinth-mounting are available as optional extras for cabinets in the BioLine product range.