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The BioMidi 425 is available as a refrigerator or freezer in either white, aluminium or stainless steel finish. Choose between well-insulated glass or solid doors.

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BioMidi 425

The **BioMidi 425** cabinet is designed to meet your biomaterial refrigeration and freezer requirements, with very few limitations.

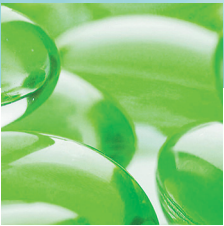
The specifications include the Gram MPC control unit which has been specially developed for users of BioLine storage cabinets. Decades of experience blended with the best of modern technologies provide a uniquely capable control unit, making the BioMidi range the ideal choice where maintaining stable temperatures is decisive in a purchasing decision.

The functional design ensures easy, ergonomically correct access to the storage space.

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



BioMidi 425. Drawers and glass door are optional extras.



Biostorage you can depend on

Gram Commercial A/S
Aage Grams Vej 1
DK- 6500 Vojens
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 contact for monitoring systems and/or remote alarms. The display can be easily locked. An integrated Gram monitor, for providing documentation for the internal cabinet conditions is available as an option.



BioMidi 425

Access port

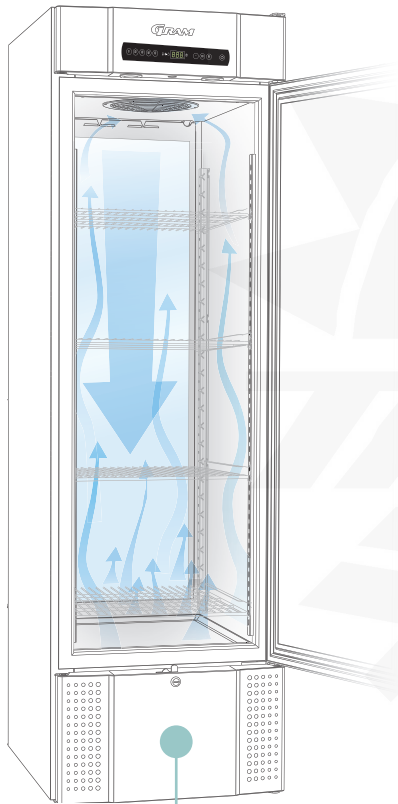
24.5 mm port for ease of access, e.g. sensors for external temperature surveillance.

E-sensor

Extra sensor for providing a temperature reference within the storage 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	BioMidi RR425	BioMidi ER425	BioMidi RF425	BioMidi EF425
Temperature range	2/15 °C	2/15 °C	-5/-25 °C	-5/-40 °C
Ambient temperature range	10/40 °C	10/40 °C	10/40 °C	10/30 °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	Aluminium/stainless steel			
Material exterior	Lacquered steel or aluminium/stainless steel			
Dimensions mm (W x D x H)	600 x 731 x 2000			
Gross volume	425 litres/15.0 cubic feet			
Net volume	303 litres/10.7 cubic feet			
Modules for shelves and drawers	Shelves 25 - Drawers 12			
Insulation (mm)	60 mm (cyclopentane)			
Refrigerant	R290 / R134A	R290 / R134A	R290 / R404A	R290 / R404A
Base	Recessed lockable wheels*			
Connection	230 V, 50 Hz			
Noise level (DbA)	47.2	47.2	46.3	-
Refrigeration capacity at -10 °C	R290 389 Watt / R134a 279 Watt	R290 389 Watt / R134a 279 Watt	-	-
Refrigeration capacity at -25 °C	-	-	R290 374 Watt / R404A 424 Watt	-
Refrigeration capacity at -40 °C	-	-	-	R290 396 Watt / R404A 378 Watt
Air system	Ventilated Gram distribution system			
Defrost system	Smart defrost (fan only)	Smart defrost (fan and electric defrost element)	Smart defrost (electric defrost element)	Smart defrost (electric defrost element)

* The cabinet can also be delivered 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.



Aluminium/stainless steel interior

The interior base, including shelf or drawer brackets and support rails are made of stainless steel.

bioline