

BIOBASIC 210, 310, 410



KEY FEATURES

The **BIOBASIC** range offers cost-effective biostorage solutions for a host of applications.

With *temperature alarms, internal and external ATEX, no cold walls* and a *user-friendly interface*, the **BIOBASIC** range provides an exceptional selection of features in a very small package.

With three sizes to choose from, the **BIOBASIC** range is well suited for use in confined spaces where performance, features and value are paramount - All available as refrigerators or freezers.

BIOBASIC 210, 310, 410

The **BIOBASIC** range is available as a refrigerator or freezer as 125L, 218L or 346L models.



Technical specifications	BIOBASIC RR			BIOBASIC RF		
	210 L	310 L	410 L	210 L	310 L	410 L
Temperature range	+2/+15°C			-25/-5°C		
Ambient temperature range	Solid door +10°C/+35 °C					
Control Unit	Bespoke user friendly BIOBASIC control unit featuring acoustic/visual temperature and door alarms, voltage free contact and calibration function.					
Material interior Material Exterior	ABS lining Lacquered steel					
Dimensions mm (W x D x H)	595 x 640 x 831	595 x 640 x 1220	595 x 640 x 1876	595 x 640 x 831	595 x 640 x 1220	595 x 640 x 1876
Gross volume/ Net volume	125 litres / 104 litres	218 litres / 189 litres	346 litres / 312 litres	125 litres / 104 litres	218 litres / 189 litres	346 litres / 312 litres
Plastic coated wire shelves including bottom shelf	3	4	6	3	4	6
Refrigerant	R600a or R134a					
Co ₂ e	R134a : 114	R134a : 136	R134a : 172	R134a : 100	R134a : 114	R134a : 136
Energy consumption	0,6 kWh/24h	0,6 kWh/24h	0,7 kWh/24h	1,1 kWh/24h	1,3 kWh/24h	1,6 kWh/24h
Noise level	36,5 dB(A)	35,1 dB(A)	36,8 dB(A)	39,7 dB(A)	39,9 dB(A)	38,6 dB(A)
Base	Wheels / skids	Wheels / skids	Height-adjustable legs	Wheels / skids	Wheels / skids	Height-adjustable legs
Air system	Forced air distribution system					
Defrost system	Automatic smart defrost with re-evaporation of defrost water					



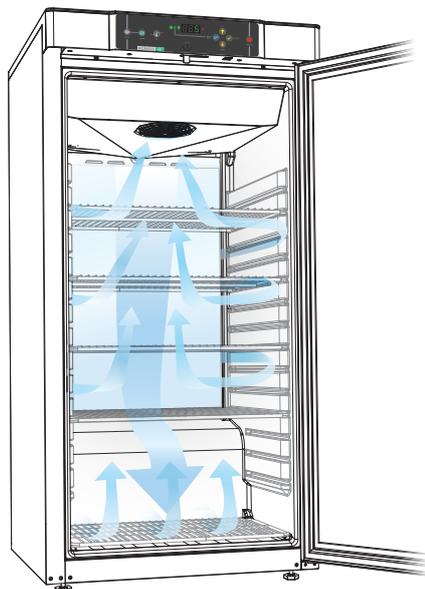
Top panel with BIOBASIC control unit

The BIOBASIC control unit is specifically developed for users of BIOBASIC. Among its many features are acoustic door alarm, high and low temperature alarms, and a voltage free contact (NO/NC) for remote alarms. Door lock comes as standard with two keys.



Internal and external ATEX

The BIOBASIC range provides full ATEX compliance – both internal and external – at no extra charge. BIOBASIC cabinets comply with EN/IEC 60079-15, electrical apparatus for use in Category 3, Zone 2 locations where explosive gas atmospheres may be present. Enabling placement of cabinets within actual work zones, rather than at a remote location, as would be required with only internal ATEX compliance.



AIR DISTRIBUTION

The unique forced air distribution system makes sure the temperature inside the cabinet remains stable and uniform. With the finned tube evaporator placed in the top, there are **no cold walls** in the cabinet.



Performance is key

Utilizing clever design and quality components, the BIOBASIC range manages to offer cost-effective performance on a small footprint.