

# BIOBASIC 210, 310, 410, 600

BIOBASIC RR 210 - 125 litres.



BIOBASIC RR 310 - 218 litres.



BIOBASIC RR 410 - 346 litres.



BIOBASIC RR 600 - 610 litres.



## KEY FEATURES

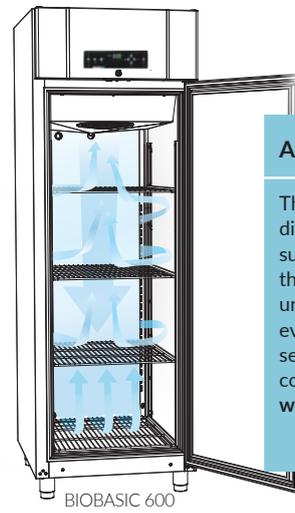
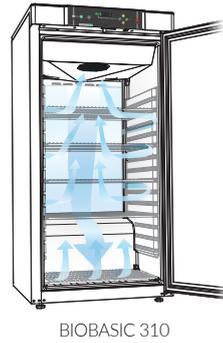
The **BIOBASIC** range offers cost-effective biostorage solutions for a host of applications.

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 four 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, 600

The BIOBASIC range is available as a refrigerator or freezer as 125 L, 218 L, 346 L or 610 L models.



## 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, separated from the storage compartment there are no cold walls in the cabinet.

Technical specifications	BIOBASIC RR				BIOBASIC RF			
	210	310	410	600	210	310	410	600
Temperature range	+2/+15 °C				-25/-5 °C			
Ambient temperature range	Solid door +10 °C/+35 °C/glass door +10 °C/+32 °C			Solid door +10 °C/+43 °C	Solid door +10 °C/+35 °C			Solid door +10 °C/+43 °C
Control Unit	Bespoke user friendly BIOBASIC control unit featuring acoustic/visual temperature and door alarms, voltage free contact and offset function.				Bespoke user friendly BIOBASIC control unit featuring acoustic/visual temperature and door alarms, voltage free contact and offset function.			
Material interior Material Exterior	PS lining White lacquered steel			Stainless steel White lacquered steel	PS lining White lacquered steel			Stainless steel White lacquered steel
Dimensions mm (W x D x H)	595 x 640 x 831	595 x 640 x 1220	595 x 640 x 1876	700 x 895 x 2125	595 x 640 x 831	595 x 640 x 1220	595 x 640 x 1876	700 x 895 x 2125
Gross volume/ Net volume	125 litres 104 litres	218 litres 189 litres	346 litres 312 litres	610 litres 536 litres	125 litres 104 litres	218 litres 189 litres	346 litres 312 litres	610 litres 536 litres
Plastic coated wire shelves (total number)	3	4	6	4	3	4	6	4
Refrigerant	R600a			R290	R600a			R290
Energy consumption	0,43/0,79 kWh/24h	0,51/0,90 kWh/24h	0,59/1,31 kWh/24h	1,44 kWh/24h	1,47 kWh/24h	1,56 kWh/24h	2,06 kWh/24h	3,77 kWh/24h
Noise level	33,3/33,6 dB(A)	34,1/35,2 dB(A)	33,2/33,7 dB(A)	44,4/- dB(A)	37,7 dB(A)	37,8 dB(A)	36,6 dB(A)	44,4 dB(A)
Base	Wheels/skids	Wheels/skids	Height-adjustable legs	Height-adjustable legs	Wheels/skids	Wheels/skids	Height-adjustable legs	Height-adjustable legs
Air system	Gram BioLine ventilated air distribution system				Gram BioLine ventilated air distribution system			
Defrost system	Automatic smart defrost with re-evaporation of defrost water				Automatic smart defrost with re-evaporation of defrost water			
Access port	1			2	1			2
ATEX-marking	II 3G Ex ec nC ic IIB T6 Gc DTI 22ATEX0252X	II 3G Ex ec nC ic IIB T6 Gc DTI 22ATEX0252X	II 3G Ex ec nC ic IIB T6 Gc DTI 22ATEX0252X	II 3G Ex ec nC ic IIB T5 Gc DTI 22ATEX0250X	II 3G Ex ec nC ic IIB T3 Gc DTI 22ATEX0252X	II 3G Ex ec nC ic IIB T3 Gc DTI 22ATEX0252X	II 3G Ex ec nC ic IIB T3 Gc DTI 22ATEX0252X	II 3G Ex ec nC ic IIB T1 Gc DTI 22ATEX0250X



### Top panel with BIOBASIC control unit

The BIOBASIC control unit is specifically developed for users of BIOBASIC. Among its many features are acoustic / visual temperature and door alarms, voltage free contact (NO/NC) for remote temperature and power failure alarm, monitoring and read out of highest and lowest temperature, controller key pad lock, off set function.

Door lock comes as standard with two keys.



### Performance is key

With the finned tube evaporator placed in the top separated from the storage compartment there is no cold walls in the cabinet

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



### 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.