

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

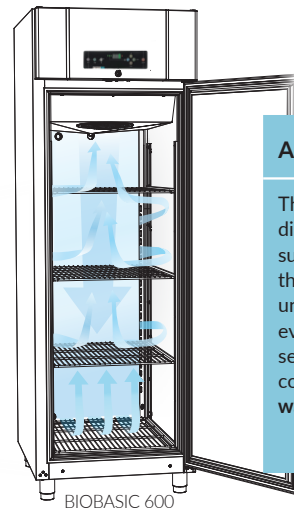
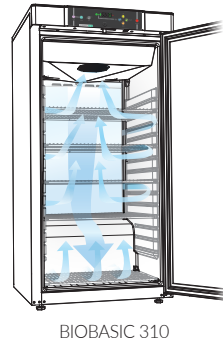
The **BIOBASIC** range offers cost-effective biostorage solutions for a host of applications.

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.

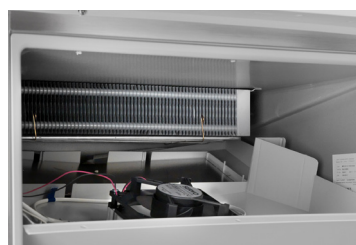
| Technical specifications | BIOBASIC RR | | | | BIOBASIC RF | | | |
|--|--|--------------------------------|---|--|--|--------------------------------|---|--|
| | 210 | 310 | 410 | 600 | 210 | 310 | 410 | 600 |
| Temperature range | +2/+15 °C | | | | -25/-5 °C | | | |
| Ambient temperature range | Solid door +10 °C/+35 °C | | | 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 | ABS lining White lacquered steel | | | Stainless steel White lacquered steel | ABS 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 | 0,61 kWh/24h | 0,63 kWh/24h | 0,73 kWh/24h | 1,55 kWh/24h | 1,1 kWh/24h | 1,3 kWh/24h | 1,6 kWh/24h | 3,9 kWh/24h |
| Noise level | 36,5 dB(A) | 35,5 dB(A) | 35,1 dB(A) | 45,5 dB(A) | 39,7 dB(A) | 39,6 dB(A) | 38,6 dB(A) | 44,3 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 nA nC nL IIB T6 Gc TÜV 10 ATEX 381565 X | II 3G Ex nA nC nL IIB T5 Gc | II 3G Ex nA nC nL IIB T6 Gc TÜV 10 ATEX 381565 X | II 3G Ex ec nC ic IIB T5 Gc DTI 19ATEX0114X | II 3G Ex nA nC nL IIB T4 Gc TÜV 10 ATEX 381565 X | II 3G Ex nA nC nL IIB T4 Gc | II 3G Ex nA nC nL IIB T4 Gc TÜV 10 ATEX 381565 X | II 3G Ex ec nC ic IIB T1 Gc DTI 19ATEX0114X |



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.