

GRAM COMPACT

Compact refrigerators and freezers
up to 600 litres



- go green with Gram

GRAM

Innovative and functional food storage



GRAM COMPACT 210, 310, 410 and 610

– setting standards for the 21st Century

– setting standards for the 21st Century

– setting standards for the 21st Century



Authorised User No. 00114

The UK Energy Technology List (ETL) overseen by The Carbon Trust demonstrates the massive saving potential of Gram products, please visit www.eca.gov.uk/etl for further information.



Gram's energy-efficient refrigerators and freezers use as standard only natural refrigerants and foam propellants.

GRAM COMPACT – lowest cost of ownership

The GRAM COMPACT 210, 310, 410 and 610 range is setting new standards for Compact fridges and freezers around the world. This HFC free range offers ultra-low energy consumption - clearly making Gram cabinets top of their class. This will radically lower your cost of ownership and help you to reduce your Carbon Footprint.

... with versatile reliability

The Compact range are very reliable cabinets with 50 mm insulation, powerful cooling system and unique air distribution. This is your guarantee that they will meet the demanding requirements of todays professional kitchens.

**... the environmentally friendly refrigerants R290 and R600a have a „Global Warming Potential“ (GWP) of 3.
A huge contribution to minimising the green house effect!**

**In comparison ...
The GWP values of HFC- refrigerants:
R 134a = 1300 and R404a = 3260**



High quality Danish design

It is not only ultra-low energy consumption that makes our products something special. Exceptional temperature stability and high quality Danish design and manufacture set them apart from the rest.



5
Year
Warranty

GRAM

Peace of mind for 5 years!
– 5 year FREE parts & labour warranty

All Compact models carry the market's best standard warranty, a whole 5 years parts and labour. The combination of an amazing full five year warranty and ultra-low energy consumption guarantees you the lowest cost of ownership possible. A Compact K410 refrigerator for instance consumes as little as 0.6 kWh/24, or 219 kWh/year. These trail blazing figures clearly demonstrate market leadership and state of the art product development (1).

To complement our extended warranty we are able to offer spare parts for 10 years after purchase, even for models that are no longer in the range.

(1) See energy consumptions page 16-17.



Easy cleaning

The entire range has a durable one piece moulded ABS inner lining with rounded easy to clean corners. The door gasket can be easily removed for cleaning.



Functional design

Full-height integrated door handle.



Improved reliability

The easy to use control system provides enhanced accuracy with added alarms and emergency programs to give you extra peace of mind.

Wine cabinet

The Compact KG 410 RG (stainless exterior) is also available as a wine refrigerator with 10 inclined shelves.

Integrated LED lighting

For maximum illumination LED lighting is built into the glass door.



Door lock

Innovative details

A unique air distribution system and automatic defrosting

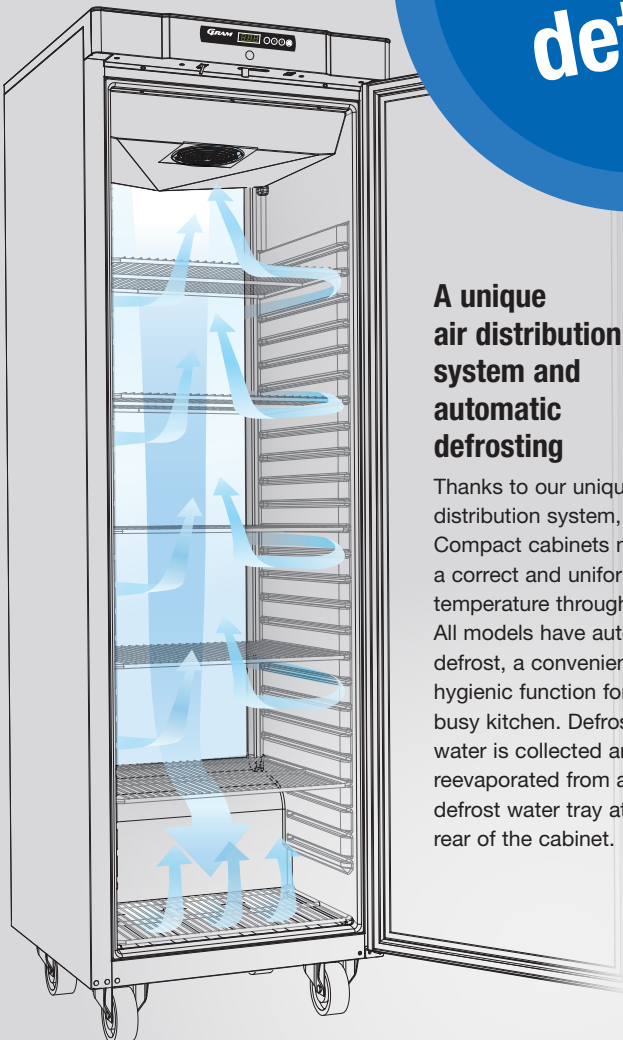
Thanks to our unique air distribution system, the Compact cabinets maintain a correct and uniform temperature throughout. All models have automatic defrost, a convenient and hygienic function for the busy kitchen. Defrost water is collected and reevaporated from a defrost water tray at the rear of the cabinet.

Sturdy wire shelves with tilt prevention

The wire shelves are mounted in U-shaped rails moulded into the ABS inner lining. This prevents the shelves from tilting when pulled out. The Compact 610 uses stainless wall rails and shelf supports.

Marine cabinets

All Compact cabinets are available as marine models with 60 Hz compressor, marine legs and sturdy shelves. *Request our special Gram marine brochure.*





Wall mounted cabinet

Thanks to an external width of only 60 cm and depth of 64 cm Compact 210 cabinets take up little floor space. They can be built undercounter, stacked or wall mounted.



"Column" combination

Refrigerators and freezers have the same dimensions and are easily combined. The chosen combination can be ordered pre-mounted as an entire unit or be mounted on site. Dimensions (W x D x H): 59.5 x 64 x 172.5 cm



"Side-by-side" combination

Refrigerators and freezers of equal heights can be combined. Dimensions (W x D x H): 119 x 64 x 83 cm

● = Standard equipment | ○ = Optional equipment

GRAM COMPACT 210 Undercounter refrigerators, height 83 cm

Product type		K 210 R	K 210 L	KG 210 R	KG 210 L
Temperature range		+2/+12	+2/+12	+2/+12	+2/+12
Refrigeration system		Ventilated	Ventilated	Ventilated	Ventilated
Defrost		Automatic	Automatic	Automatic	Automatic
Finish	External	Stainless	White	Stainless	White
	Internal	Grey ABS	White ABS	White ABS	White ABS
Fittings	Wire shelves (486 x 430 mm)	2 grey	2 white	2 white	2 white
	Wire shelves (486 x 300 mm)	1 grey	1 white	1 white	1 white
External equipment	Right-hinged, reversible door	●	●		
	Right-hinged glass door			●	●
	Door lock	●	●	●	●
	Integrated door handle	●	●	●	●
	Digital temperature display	●	●	●	●
	Adjustable skids at front, wheels at rear	●	●	●	●
	Left hinged door	○	○	○	○
	Legs (4 of) H = 100/130 mm	○	○	○	○
	Castors (4 of) H = 125 mm	○	○	○	○
	Marine legs (4 of) H = 130/200 mm	○	○	○	○
	Stacking kit	○	○	○	○
	Wall suspension	○	○	○	○
Internal equipment	Internal lighting (LED)			●	●
	Additional wire shelves	○	○	○	○
	Stainless shelves	○	○	○	○
	Marine shelves	○	○	○	○
	Inclined shelves	○	○	○	○
	Wire basket	○	○	○	○
	60 Hz compressor	○	○	○	○

GRAM COMPACT 210 Undercounter freezers, height 83 cm

Product type		F 210 R	F 210 L
Temperature range		-22/-5	-22/-5
Refrigeration system		Ventilated	Ventilated
Defrost		Automatic	Automatic
Finish/equipment		like refrigerators (K 210) - see table above	
Ext./int. equipment		like refrigerators (K 210) - see table above	

Ideal for kitchens with limited space

Lower height Compact 210 models are designed to fit under worktops in commercial workplaces. With their width of 60 cm, depth of 64 cm and height of just 83 cm, the cabinets are ideal for building in beneath worktops. This ensures that busy operators can have their raw materials stored close to hand.

Internal temperature stability is exceptional thanks to the Gram air distribution system. This means the Compact 210 cabinet maintains a correct and uniform temperature throughout. *See illustration page 7.*

Cabinets are available in stainless or white finish, with solid door. Refrigerators are also available with glass door. Stainless cabinets with solid door are designed with a durable grey inner

lining with matching grey wire shelves. White finish solid door have a white interior with matching wire shelves.

Both stainless steel and white refrigerators with glass door are with white inner lining with matching white wire shelves to have optimal light effect and display of the stored products inside the cabinet.

The list of equipment is long and includes, among other things, a ventilated air distribution system, automatic defrost with re-evaporation of defrost water, digital temperature display, door lock, wire baskets, marine equipment, 60 Hz compressor, suspension kit for wall hanging and stacking kit for column combinations.





Wall mounted cabinet

The Compact 310 can also be wall mounted for easy floor cleaning.



Combine with microwave oven

The "table top" of the cabinet is an ideal location for a piece of equipment such as a microwave oven, offering just the right ergonomic working height.



"Side-by-side" combination

Compact 310 cabinets can be placed side-by-side. Dimensions (W x D x H): 119 x 64 x 132.5 cm.

● = Standard equipment | ○ = Optional equipment

GRAM COMPACT 310 Refrigerators, height 132.5 cm

Product type		K 310 R	K 310 L	KG 310 R	KG 310 L
Temperature range		+2/+12	+2/+12	+2/+12	+2/+12
Refrigeration system		Ventilated	Ventilated	Ventilated	Ventilated
Defrost		Automatic	Automatic	Automatic	Automatic
Finish	External	Stainless	White	Stainless	White
	Internal	Grey ABS	White ABS	White ABS	White ABS
Fittings	Wire shelves (486 x 430 mm)	3 grey	3 white	3 white	3 white
	Wire shelves (486 x 300 mm)	1 grey	1 white	1 white	1 white
External equipment	Right-hinged, reversible door	●	●		
	Right-hinged glass door			●	●
	Door lock	●	●	●	●
	Integrated door handle	●	●	●	●
	Digital temperature display	●	●	●	●
	Castors (4 of) H = 125 mm	●	●	●	●
	Left hinged door	○	○	○	○
	Legs (4 of) H = 100/130 mm	○	○	○	○
	Marine legs (4 of) H = 130/200 mm	○	○	○	○
	Wall suspension	○	○	○	○
Internal equipment	Internal lighting (LED)			●	●
	Additional wire shelves	○	○	○	○
	Stainless shelves	○	○	○	○
	Marine shelves	○	○	○	○
	Inclined shelves	○	○	○	○
	Wire basket	○	○	○	○
	60 Hz compressor	○	○	○	○

GRAM COMPACT 310 Freezers, height 132.5 cm

Product type		F 310 R	F 310 L
Temperature range		-22/-5	-22/-5
Refrigeration system		Ventilated	Ventilated
Defrost		Automatic	Automatic
Finish/equipment		like refrigerators (K 310) - see table above	
Ext./int. equipment		like refrigerators (K 310) - see table above	

Everything within reach

The Compact 310 is designed to fit in where other cabinets are either too small or too large. With a height of 130 cm everything is within reach, offering a positive alternative planning option within a busy kitchen.

Additionally, the “table top” of the cabinet is an ideal location for a piece of equipment such as a microwave oven, offering just the right ergonomic working height.

Internal temperature stability is exceptional thanks to the Gram air distribution system. This means the Compact 310 cabinet maintains a correct and uniform temperature throughout. See illustration page 7.

Cabinets are available in stainless or white finish, with solid door. Refrigerators are also available with glass door. Stainless cabinets with a solid

door are designed with a durable grey inner lining with matching grey wire shelves. White finish solid door cabinets have a white interior with matching wire shelves.

Stainless steel and white refrigerators with glass doors have a white inner lining with matching white wire shelves for optimal light effect display of the stored products inside the cabinet.

The list of equipment is long and includes, a ventilated air distribution system, automatic defrost with re-evaporation of defrost water, digital temperature display, door lock, wire baskets, marine equipment, 60 Hz compressor and suspension kit for wall hanging.





Wall mounted cabinet

With a wall-mounted Compact 410 cabinet, floor cleaning in restaurant kitchens has become Childs play! In addition it helps the caterer ensure that moisture and dirt will not easily find its way into the cabinet.



“Side-by-side” combination

Compact 410 cabinets can be placed side-by-side. Dimensions including castors (W x D x H): 119 x 64 x 190 cm



Energy consumption kWh/24h

K 410 0.60

Energy Efficiency Index (kWh/48h/m3)

K 410 9.78

COMPACT K 410

– is detailed on the Energy Technology List. Visit the ETL website www.eca.gov.uk/etl

● = Standard equipment | ○ = Optional equipment

GRAM COMPACT 410 Refrigerators, height 190 cm

Product type		K 410 R	K 410 L	KG 410 R	KG 410 L
Temperature range		+2/+12	+2/+12	+2/+12	+2/+12
Refrigeration system		Ventilated	Ventilated	Ventilated	Ventilated
Defrost		Automatic	Automatic	Automatic	Automatic
Finish	External	Stainless	White	Stainless	White
	Internal	Grey ABS	White ABS	White ABS	White ABS
Fittings	Wire shelves (486 x 433 mm)	5 grey	5 white	5 white	5 white
	Wire shelves (486 x 300 mm)	1 grey	1 white	1 white	1 white
External equipment	Right-hinged, reversible door	●	●		
	Right-hinged glass door			●	●
	Door lock	●	●	●	●
	Integrated door handle	●	●	●	●
	Digital temperature display	●	●	●	●
	Castors (4 of) H = 125 mm	●	●	●	●
	Left-hinged door	○	○	○	○
	Legs (4 of) H = 100/130 mm	○	○	○	○
	Marine legs (4 of) H = 130/200 mm	○	○	○	○
	Wall suspension	○	○	○	○
Internal equipment	Internal lighting (LED)			●	●
	Additional wire shelves	○	○	○	○
	Stainless shelves	○	○	○	○
	Marine shelves	○	○	○	○
	Inclined shelves	○	○	○	○
	Wire basket	○	○	○	○
	60 Hz compressor	○	○	○	○

GRAM COMPACT 410 Freezers, height 190 cm

Product type		F 410 R	F 410 L
Temperature range		-22/-5	-22/-5
Refrigeration system		Ventilated	Ventilated
Defrost		Automatic	Automatic
Finish/fittings		like refrigerators (K 410) - see table above	
Ext./int. equipment		like refrigerators (K 410) - see table above	

A compact choice with exceptional capacity

The Compact 410 models are versatile refrigerators and freezers designed for storing products in commercial workplaces. The cabinets are spacious, despite being only 60 cm wide and 64 cm deep.

Internal temperature stability is exceptional thanks to the Gram air distribution system. This means the Compact 410 cabinet maintains a correct and uniform temperature throughout.

See illustration page 7.

Cabinets are available in stainless or white finish with solid door. Refrigerators are also available with glass door. Stainless cabinets with solid door are designed with a durable grey inner lining with matching grey wire shelves. White finish solid

door cabinets have a white interior with matching wire shelves. Both stainless steel and white refrigerators with glass door are with white inner lining with matching white wire shelves to have optimal light effect and display of the stored products inside the cabinet.

The list of equipment is long and includes, among other things, a ventilated air distribution system, automatic defrost with re-evaporation of defrost water, digital temperature display, door lock, wire baskets, inclined shelves (for wine bottles), marine equipment, 60 Hz compressor and suspension kit for wall hanging.





Energy consumption kWh/24h

K 610	0.90
F 610	3.40

Energy Efficiency Index (kWh/48h/m3)

K 610	9.32
F 610	32.65

Robust construction, high specification

The inside of the door, shelf supports and wall rails are stainless steel.

Easy maintenance and service

There is easy access to the replacable dust and grease filters. The compressor and refrigeration system is housed in the unique easy to service Gram plug-in unit.

COMPACT K and F 610

– are detailed on the Energy Technology List. Visit the ETL website www.eca.gov.uk/etl



2/1 GN

● = Standard Equipment | ○ = Optional Equipment

GRAM COMPACT 610 Refrigerators, height 200 cm

Product type		K 610 R	K 610 L	KG 610 R	KG 610 L
Temperature range		+2/+12	+2/+12	+2/+12	+2/+12
Extended temp. range	Models: M 610 R/L	-5/+12	-5/+12		
Refrigeration system		Ventilated	Ventilated	Ventilated	Ventilated
Defrost		Automatic	Automatic	Automatic	Automatic
Finish	External	Stainless	White	Stainless	White
	Internal	Grey ABS	Grey ABS	Grey ABS	Grey ABS
Fittings	Wire shelves (530 x 650 mm)	4 grey	4 grey	4 grey	4 grey
External equipment	Right-hinged, reversible door	●	●		
	Right-hinged glass door			●	●
	Door lock	●	●	●	●
	Integrated door handle	●	●	●	●
	Digital temperature display	●	●	●	●
	Castors (4 of) H = 125 mm	●	●	●	●
	Left-hinged door	○	○	○	○
	Legs (4 of) H = 130/200 mm	○	○	○	○
	Marine legs (4 of) H = 130/200 mm	○	○	○	○
Internal equipment	Internal lighting (LED)			●	●
	Additional wire shelves	○	○	○	○
	Stainless shelves	○	○	○	○
	Marine shelves	○	○	○	○
	60 Hz compressor	○	○	○	○

GRAM COMPACT 610 Freezers, height 200 cm

Product type		F 610 R	F 610 L
Temperature range		-25/-5	-25/-5
Refrigeration system		Ventilated	Ventilated
Defrost		Automatic	Automatic
Finish/fittings		like refrigerators (K 610) - see table above	
Ext./int. equipment		like refrigerators (K 610) - see table above	

COMPACT 610

Many virtues, few limitations...

The robust construction of the Compact 610 recognises the demands of the working professional kitchen. Internal temperature stability is exceptional thanks to the Gram air distribution system. This means the Compact 610 cabinet maintains a correct and uniform temperature throughout.

See illustration page 7.

The Compact 610 range are spacious 2/1 GN cabinets available either as a refrigerator or freezer in stainless or white finish with solid door or glass door (only refrigerator with glass door). Dimensions (W x D x H): 70 x 87 x 200 cm.

The cabinets are designed with a durable one piece easy to clean moulded grey ABS inner lining. The external front and side walls are in stainless or white finish, inside of the door, shelf supports and wall rails are stainless steel. The adjustable legs facilitate cleaning beneath the cabinets.

The list of equipment includes, among other things, a ventilated air distribution system, automatic defrosting with re-evaporation of defrost water, digital temperature display, door lock, marine equipment and a 60 Hz compressor.





Authorised User No. 00114



		GRAM COMPACT 210			GRAM
		Refrigerators		Freezers	Refrige
Product type		K 210	KG 210	F 210	K 310
Temperature range	°C	+2/+12	+2/+12	-22/-5	+2/+12
Refrigeration capacity at -10/+45°C	Watt	154	154	-	154
Refrigeration capacity at -25/+45°C	Watt	-	-	158	-
Energy consumption	kWh/24h	0.5	0.7	1.1	0.6
Added to The Energy Technology List		-	-	-	-
Connection (3)	V/Hz	230/50			
Connection load	Watt	99	103	125	99
Amperage, running figures	A	0.95	0.97	0.91	0.95
Ambient temperature min./max.	°C	+16/+35			
Insulation (cyklopentane)	mm	50			
Refrigerant (isobutane/propane) (1) (2)		R600 a			
Volume, gross	l	125			
Volume, net	l	104			
W x D	mm	595 x 640			
H (feet)	mm	830			
H (castors)	mm	925			
H (legs)	mm	900			
Diagonal (310, 410 and 610 on castors)	mm	1050			
Weight, gross	kg	46	52	46	61
Sound level	dB(A)	36.5	35.0	39.7	(4)

(1) Refrigerators available with refrigerant R134a

(2) Freezers available with refrigerant R404A

(3) 230V/60 Hz compressor available (optional)

(4) This information was not available at the time this brochure was printed



GRAM COMPACT 310		GRAM COMPACT 410			GRAM COMPACT 610			
Refrigerators	Freezers	Refrigerators		Freezers	Refrigerators			Freezers
KG 310	F 310 R	K 410	KG 410	F 410	K 610	M 610	KG 610	F 610
+2/+12	-22/-5	+2/+12	+2/+12	-22/-5	+2/+12	-5/+12	+2/+12	-25/-5
154	-	207	307	-	354	354	354	-
-	204	-	-	212	-	-	-	512
1.1	1.6	0.6	1.1	1.6	0.9	0.9	(4)	3.4
-	-	✓	-	-	✓	-	-	✓
230/50		230/50			230/50			
114	141	113	117	147	241	241	300	435
1.02	1.01	0.83	1.16	0.98	1.50	1.50	1.59	2.48
+16/+35		+16/+35			+16/+35			
50		50			60			
R600 a		R600 a			R600 a			R290
218		346			583			
189		312			513			
595 x 640		595 x 640			695 x 868			
-		-			-			
1325		1900			2000			
1300		1875			2010			
1443		1981			2180			
68	62	75	84	78	111	111	122	114
(4)	(4)	35.1	36.3	38.6	44.2	44.2	(4)	48.63



GRAM

Innovative and functional food storage





GRAM 3 °C

GRAM 3 °C





HOSHIZAKI

GRAM

UK Office

2 The Technology Centre
London Road
Swanley
Kent BR8 7AG
United Kingdom

T: +44 (0)845 456 0585
F: +44 (0)132 283 8331
uksales@hoshizaki.co.uk
www.hoshizaki.co.uk

T: +44 (0)132 261 6900
F: +44 (0)132 261 6901
info@gramuk.co.uk
www.gramuk.co.uk

Hoshizaki Europe B.V. Headquarters

Keienbergweg 50 C/D · 1101 GC Amsterdam · The Netherlands
T: +31 (0)20 6918499 · F: +31 (0)20 6918768
www.hoshizaki-europe.com · www.gram-commercial.com