KRYO

Reach-in preservation Unit

KRYO reach-in preservation unit for professional use is designed exclusively for preserving products after blast chilling.

Features

- From 2 (KRYO 20) to 8 (KRYO 80) storage doors
- Preservation unit for 28 to 148 400x600 mm trays, spaced 75 mm, adjustable in 37.5 mm steps
- Capacitive touch electronic interface
- Automatic open door detector
- Fan stops when doors are opened

Advantages

- Preservation modules with 1 refrigeration unit and 1 control unit
- Panels assembled using hooks
- Removable racks and tray slides, in stainless steel (distance 37 mm)
- Easily accessible heating cables around doors
- KRYO can be expanded according to your needs
- Refrigerating plant (R 452A)

Principle of use

After freezing, products are stored in the preservation unit at a temperature of 8°C / -22°C. The control manages the temperature and displays it during the cycle in progress.

KRYO special features

Preservation unit

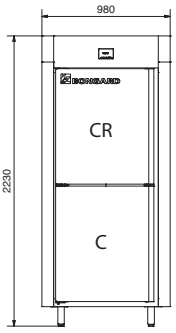
- Automatic defrosting adjustable by resistance and/or manual defrosting
- Evaporator which allows an increase in the storage capacity of the storage unit by adding modules. Unit replacement required depending on models
- Doors of the preservation unit are reversible

Construction

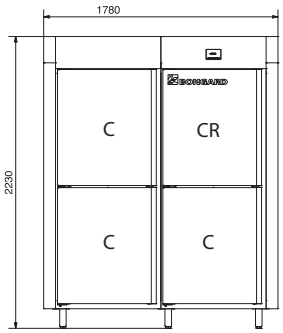
- Case and door: 80 mm thick isothermal panels injected with high density 42 kg/m3, 90 mm thick down to the floor.
- Panels lined inside the equipment with stainless steel studs, and with hot electro-galvanized steel studs coated on the outside with a resistant PVC film
- Sheet metal panels of the evaporate, in stainless steel
- Equipment trim panel on top
- Doors equipped with magnetic gasket and spring pivot door return system, easily removable without tools
- Equipment mounted on stainless steel plate adjustable from 150 to 200 mm
- 400V power supply (3PH + N + G)
- Hermetic unit for remote installation up to 8 meters away
- Quick change of door handle direction on site

Optional

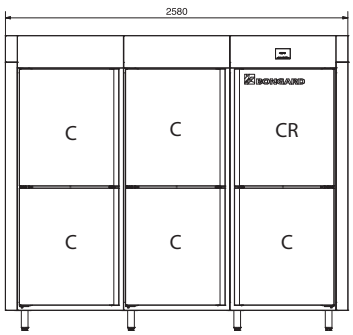
- Supplied without compressor (KRYO 20-40)
- Supplied without compressor (KRYO 60-80)
- Remote compressor 8 - 20 linear meters for KRYO 20-40 (for both units)
- Remote compressor 8 - 20 linear meters for KRYO 60-80 (for both units)



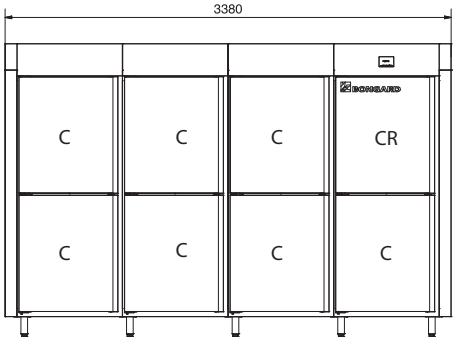
KRYO 20



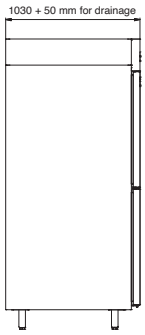
KRYO 40



KRYO 60



KRYO 80



C - Preservation compartment (10 trays 600 x 800 mm, spacing 75 mm, adjustable 37.5 mm pitch)

CR - Reduced Preservation compartment (4 trays 600 x 800 mm, spacing 75 mm, adjustable 37.5 mm pitch)

IMPORTANT REMARKS:

- The products must go through the blast freezing process before entering the preservation unit.
  Their temperature when entering the preservation unit must be at -18°C or less.
- Drainage is located either at the left or right of the back of the equipment
  The equipment must be installed in a ventilated area, with a room temperature comprised between 13°C and 30°C.

general features					
Model		KRYO 20	KRYO 40	KRYO 60	KRYO 80
Height					
Front side (without cooling unit) according to the height of the feet	(mm)	2230 - 2280			
Front side (with cooling unit) according to the height of the feet	(mm)	2470 - 2520			
Width					
Front side	(mm)	980	1780	2580	3380
Depth					
Internal	(mm)	800 1030			
External	(mm)	1030 + 50 mm (condensate drain)			
Open door	(mm)	1740 + 50 mm (condensate drain)			
Minimum system height with unit assembled: 2,700 mm					
refrigerant fluid		R448A (POSITIVE) R452A (NEGATIVE)			

Type	Nr. teglie in cella di conservazione 400 x 600 mm	Nr. teglie in cella di conservazione 600 x 800
KRYO 20	28	14
KRYO 40	68	34
KRYO 60	108	54
KRYO 80	148	74

Caratteristiche tecniche/Technical features

Model		20	40	60	80
Capacità connessione elettrica					
Standard unit	(ch)	1.5	2	2	3
Defrost	(kW)	2.6			
Resistance	(kW)	0.07	0.14	0.21	0.28
connection capacity	(kW)	5	6	6	8
Ø suction valve		5/8''			
ø fluid drain valve		3/8''			
Recommended minimum thickness of insulation foam	(mm)	19			
R452A gas quantity (variable, depends on group distance)	(kg)	1.5	1.5	1.5	1.5
Dimensions					
Height	(mm)	450	440	440	440
width	(mm)	520	520	520	520
depth	(mm)	610	620	620	620
Unit Mass	(kg)	46	57	57	57
freezing capacity –30°C/+30°C	(kW)	1.08	1.65	1.65	1.96
condensate drain	(mm)	Ø 32			
Power supply		400 V (3-phase + N + T)			

Notes:

KRYO+

Combi blast freezer and preservation unit

KRYO+ Combi blast freezer-preservation unit with trays has been designed for cooling and freezing products before storage.

Features

- 1 freezing door and from 3 doors (KRYO 31) to 7 doors (KRYO 71) preservation
- Blast freezer with 9 400x600 mm trays, spaced 75 mm and adjustable at 25 mm pitch
- Preservation unit for 28 to 148 400x600 mm trays, spaced 75 mm, adjustable in 37.5 mm steps
- Capacitive touch electronic interface
- Pin probe for the freezer (standard)

Advantages

- Blast freezer and preservation unit
- Space saving
- Time saving in management
- 2 independent cells with 2 refrigeration units and 2 completely autonomous controls
- Fault management (refrigeration unit, sensor, open door, defrost
- Automatic door opening detector
- Turbine stops when doors are opened
- Panels assembled with eccentric hooks
- KRYO+ can be expanded up to 7 doors
- Racks and sliding guides of the trays in stainless steel and removable
- Refrigerating plant (R 452A)

Principle of use

With a single appliance, user can cool, blast freeze and preserve his products. Once the desired temperature is reached, KRYO+ regulates it for 24 hours, then automatically switches to storage mode at the end of the cycle. Trays are then simply moved from the blast chiller to the storage cell.

KRYO+ special features

Blast chiller

- Special "super-cold" turbine
- Manual defrosting by ventilation with door open
- Freezing and cooling program in Chrono mode or insertion probe
- Acoustic signal at the end of the cycle
- Alternating display of time and temperature measured by pin type sensor
- Automatic switch to conservation mode at the end of the freezing or cooling cycle (max 24 h)
- Non-reversible doors on blast freezer units

Preservation unit

- Automatic defrosting adjustable by resistance and/or manual defrosting
- Evaporator which allows an increase in the storage capacity of the storage unit by adding modules.
- Unit replacement required depending on models
- Preservation unit doors are reversible

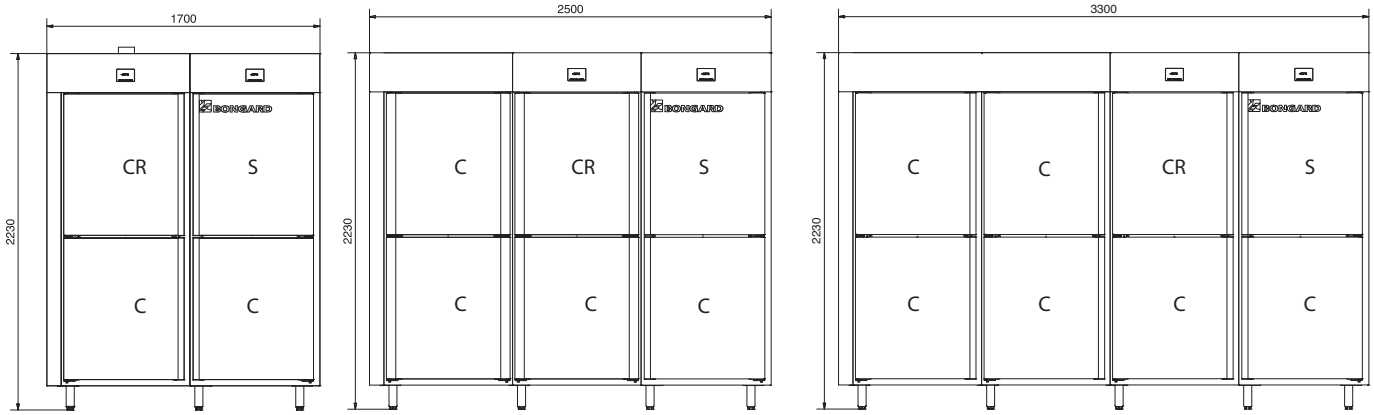
Construction

- Casing: 80 mm thick isothermal panels, injected with 42 kg/m3 of expanded polyurethane foam for doors and panels, 90 mm thick for the floor
- Panels inside the unit are covered in stainless steel and with hot electrogalvanized sheet coated on the outside with a protective PET film for food use.
- Freezer-conservatory evaporator panels in stainless steel sheet
- Trim panel on top of equipment
- Doors equipped with magnetic gasket and door return system with spring pin, easy to remove without tools
- Easily accessible heating cables around doors
- Safety door on the side of the freezer to allow product temperature to be maintained for 24 hours, in the event of a malfunction of the storage unit
- Stainless steel feet adjustable from 150 to 200 mm
- 400V power supply (three-phase + N + T)
- Hermetic compressor for remote installation up to 8 meters

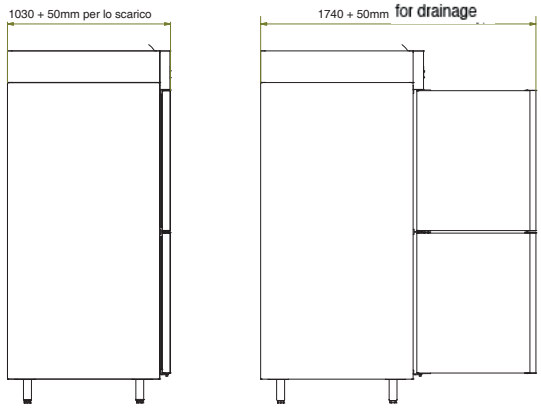
Optional

- Supplied without compressor (KRYO 31)
- Supplied without compressor (KRYO 51-71)
- Remote compressor 8 - 20 linear meters for KRYO 31 (for both units)
- Remote compressor 8 - 20 linear meters for KRYO 51-71 (for both units)

Caratteristiche tecniche/Technical features



KRYO 31 KRYO 51 KRYO 71



S - Preservation compartment (9 trays 400 x 600 mm, spacing 75 mm, adjustable 25 mm pitch)

C - Preservation compartment (10 trays 600 x 800 mm, spacing 75 mm, adjustable 37.5 mm pitch)

CR - Reduced Preservation compartment (4 trays 600 x 800 mm, spacing 75 mm, adjustable 37.5 mm pitch)

IMPORTANT REMARKS:

- The products must go through the blast freezing process before entering the preservation unit.
  Their temperature when entering the preservation unit must be at -18°C or less.
- Drainage is located either at the left or right of the back of the equipment
  The equipment must be installed in a ventilated area, with a room temperature

general features				
Model		KRYO 31	KRYO 51	KRYO 71
Height				
Front side (without cooling unit) according to the height of the feet	(mm)	2230 - 2280	2230 - 2280	2230 - 2280
Front side (with cooling unit) according to the height of the feet	(mm)	2470 - 2520	2570 - 2630	2570 - 2620
width				
Front side	(mm)	1700	2500	3300
Depth				
Internal	(mm)	800	800	800
External	(mm)	1030 + 50 mm (condensate drain)	1030 + 50 mm (condensate drain)	1030 + 50 mm (condensate drain)
open door	(mm)	1740 + 50 mm (condensate drain)	1740 + 50 mm (condensate drain)	1740 + 50 mm (condensate drain)
Minimum system height with unit assembled: 2,700 mm				
Refrigerant fluid			R448A (POSITIVE)	R452A (NEGATIVE)

Tipo	N. teglie in cella di conservazione 400x600	N. teglie in cella di conservazione 600x800	N. teglie in cella frigorifera 400x600
KRYO 31	48	24	9
KRYO 51	88	44	9
KRYO 71	128	64	9

Caratteristiche tecniche/Technical features

Model		combi blast freezer	refrigeration unit		
		31-51-71	31	51	71
Capacità connessione elettrica					
Conservation unit	(ch)	2	2	2	3
DEFROST	(kW)	-	2,6	2,6	2,6
Resistance	(kW)	0,035	0,105	0,175	0,245
connection capacity	(kW)	-	8	8	8
ø Suction valve		5/8"	5/8"	7/8"	7/8"
ø Fluid drain valve		3/8"	3/8"	3/8"	3/8"
Recommended minimum thickness of insulation foam	(mm)	19	19	19	19
R452A gas quantity (variable, depends on group distance)	(kg)	1,5	1,5	1,5	1,5
Dimensione unità					
Height	(mm)	440	440	540	540
Width	(mm)	520	520	520	520
Depth	(mm)	610	610	630	630
Unit Mass	(kg)	57	57	79	79
Freezing capacity- 30 °C / + 32 °C	(kW)	1,96	1,65	1,65	1,96
Condensate drain	(mm)	ø 32	ø 32	ø 32	ø 32
Power Supply		400 V Tri + N + T	400 V Tri + N + T	400 V Tri + N + T	400 V Tri + N + T

Notes: