

FUTURE **E** REFRIGERATORS, MEDIUM TEMPERATURE AND FREEZER CABINETS

Porkka commercial cabinets are designed with powerful refrigeration units allowing them to operate efficiently in high ambient conditions.

They are available to operate with the latest hydrocarbon energy efficient refrigerant R290.

Manufactured in three temperature ranges:

- Chiller Cabinets, Type C: +1°C...+12°C
- Medium Temperature Cabinets, Type M: -5°C...+12°C
- Freezer Cabinets, Type F: -26°C...-15°C



Future E C520/M520/F520



Future E C720/M720/F720



Future E C722/M722/F722



Features

- Digital temperature display with built-in microprocessor controller
- Keyboard tamper protection
- Recording of max./min. temperature
- Visual and audible high/low temperature alarm
- Door open alarm
- Probe failure alarm
- Exterior/Interior finish in stainless steel grade AISI 304
- Insulation with high density HFC free polyurethane
- 4 pcs wire shelves, powder paint coating, adjustable in increments of 30 mm
- 4 pairs anti-tilt stainless steel shelf supports
- Door equipped with lock, magnetic gasket and heavy-duty spring hinges, 90° dwell open
- Efficient and energy saving, hermetic air cooled HFC refrigerant system

- Stainless steel legs, height adjustable from 130 mm to 205 mm
- Models 720/722 can accept GN 2/1 pans or containers

Optional Features

- External surfaces available with white polyester coated (food safe) sheet steel
- Extra shelves as required
- Stainless steel wire or panel shelves
- Stainless steel wire baskets
- Shorter stainless steel legs, adjustable from 70 mm to 105 mm
- Real-time temperature data logging with download to USB facility
- Door operated internal LED light
- Foot pedal door opener
- Castors 2 of which are lockable.
- Water cooled condenser with valve for connection to a chiller plant system
- Also available for connection to a central cooling refrigeration system
- Electrical supply 230V/60Hz (available for certain models)
- Heat treated wooden packaging

Specifications

FUTURE E	C520/M520/F520	C720/M720/F720	C722/M722/F722
Operating Temperature	See below	See below	See below
Ambient Temperature	+5...+38°C	+5...+38°C	+5...+38°C
Width (mm)	600	850	730
Depth (mm)	700	700	800
Height (mm)	2030	2030	2030
Height with Castors (mm)	1990	1990	1990
Internal Width (mm)	480	730	610
Internal Depth (mm)	560	560	660
Internal Height (mm)	1430	1430	1430
Usable net Volume (Ltr)	291	471	453
Shelves	4	4	4
Shelf sizes (width x depth)	400 x 530	GN 2/1 - 650x530	GN 2/1 - 530 x 650
Connection Power (kW)	0.33/0.4/0.56	0.33/0.4/0.56	0.33/0.4/0.56
Voltage	230V/50-60Hz	230V/50-60Hz	230V/50-60Hz
Gross Weight (kg)	120	140	150

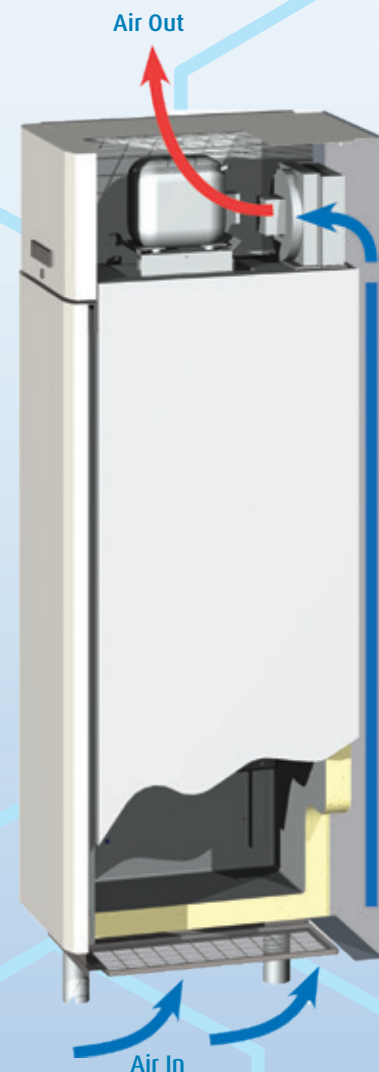
Operating Temperatures: Type C (Chillers) +1...+12°C. Type M (Medium temperature) -5...+12°C. Type F (Freezers) -26...-15°C.
(E) = available with R290 refrigerant, electrical supply 230V/50Hz only.

FUTURE PLUS E REFRIGERATORS, MEDIUM TEMPERATURE AND

Designed for use in professional kitchens and food preparation areas, Porkka Future series of upright, energy saving cabinets, are manufactured from quality materials to ensure long lasting performance in challenging conditions.

Manufactured in three temperature ranges:

- Chiller Cabinets, Type C: $+1^{\circ}\text{C} \dots +12^{\circ}\text{C}$
- Medium Temperature Cabinets, Type M: $-5^{\circ}\text{C} \dots +12^{\circ}\text{C}$
- Freezer Cabinets, Type F: $-26^{\circ}\text{C} \dots -15^{\circ}\text{C}$



Future Plus C732 E/M732 E/F732 E



Features

- Digital temperature display with built-in microprocessor controller
- Keyboard tamper protection
- Recording of max./min. temperature
- Visual and audible high/low temperature alarm
- Door open alarm
- Probe failure alarm
- Exterior/Interior finish in stainless steel grade AISI 304
- Insulation with high density HFC free polyurethane
- 4 pcs stainless steel wire shelves, adjustable in increments of 30 mm
- 4 pairs anti-tilt stainless steel shelf supports
- Door equipped with lock, magnetic gasket and heavy-duty spring hinges, 90° dwell open

- Effective air ducting system with filter to use coolest ambient air for the condensor
- Efficient and energy saving, hermetic air cooled HFC refrigerant system and hygienic roof
- Stainless steel legs, height adjustable from 130 mm to 205 mm
- Models 730/732 can accept GN 2/1 pans or containers

Optional Features

- External surfaces available with white polyester coated (food safe) sheet steel
- Extra shelves as required
- Stainless steel panel shelves
- Stainless steel wire baskets
- Shorter stainless steel legs, adjustable from 70 mm to 105 mm

- Real-time temperature data logging with download to USB facility
- Door operated internal LED light
- Foot pedal door opener
- Castors 2 of which are lockable.
- Water cooled condenser with valve for connection to a chiller plant system
- Also available for connection to a central cooling refrigeration system
- Heat treated wooden packaging

Specifications

Future Plus E	C530/M530/F530	C730/M730/F730	C732/M732/F732
Operating Temperature	See below	See below	See below
Ambient Temperature	+5...+38°C	+5...+38°C	+5...+38°C
Width (mm)	600	850	730
Depth (mm)	750	750	850
Height (mm)	2100	2100	2100
Height with castors (mm)	2060	2060	2060
Internal Width (mm)	480	730	610
Internal Depth (mm)	560	560	660
Internal Height (mm)	1430	1430	1430
Usable net Volume (Ltr)	291	471	453
Shelves	4	4	4
Shelf sizes (width x depth)	400 x 530	GN 2/1 - 650 x 530	GN 2/1 - 530 x 650
Connection Power (kW)	0.33/0.4/0.56	0.33/0.4/0.56	0.33/0.4/0.56
Voltage	230V/50Hz	230V/50Hz	230V/50Hz
Gross Weight (kg)	120	140	150

Operating Temperatures: Type C (Chillers) +1...+12°C. Type M (Medium temperature) -5...+12°C. Type F (Freezers) -26...-15°C.
(E) = available with R290 refrigerant.

FUTURE E 2 DOOR REFRIGERATORS, MEDIUM TEMPERATURE AND FREEZER

Designed for use in professional kitchens and food preparation areas, Porkka Future E series of upright combination cabinets are manufactured from quality materials to ensure long lasting performance in arduous conditions.



Manufactured in three temperature ranges:

- Chiller Cabinets, Type C: +1°C...+12°C
- Medium Temperature Cabinets, Type M: -5°C...+12°C
- Freezer Cabinets, Type F: -26°C...-15°C

Future E, 2 Door C722-2/M722-2/F722-2

Features

- Digital temperature display with built-in microprocessor controller
- Keyboard tamper protection
- Recording of max./min. temperature
- Visual and audible high/low temperature alarm
- Door open alarm
- Probe failure alarm
- Exterior/Interior finish in stainless steel grade AISI 304
- Insulation with high density HFC free polyurethane
- 4 pcs wire shelves, powder paint coating, adjustable in increments of 30 mm
- 4 pairs anti-tilt stainless steel shelf supports
- Two half doors equipped with lock, magnetic gaskets and heavy-duty spring hinges, 90° dwell open

- Efficient and energy saving, hermetic air cooled HFC refrigerant system
- Stainless steel legs, height adjustable from 130 mm to 205 mm
- Can accept GN 2/1 pans or containers

Optional Features

- Extra shelves as required
- Stainless steel wire or panel shelves
- Stainless steel wire baskets
- Shorter stainless steel legs, adjustable from 70 mm to 105 mm
- Real-time temperature data logging with download to USB facility
- Door operated internal LED light
- Castors 2 of which are lockable.
- Water cooled condenser with valve for connection to a chiller plant system

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- Also available for connection to a central cooling refrigeration system
- Heat treated wooden packaging

Specifications

Future E, 2 Door

C722-2/M722-2/F722-2

Operating Temperature	See below
Ambient Temperature	+5...+43°C
Width (mm)	730
Depth (mm)	800
Height (mm)	2030
Height with castors (mm)	1990
Internal Width (mm)	610
Internal Depth (mm)	660
Internal Height (mm)	1430
Usable net Volume (Ltr)	453
Shelves	4
Shelf sizes (width x depth)	GN 2/1 - 530 x 650
Connection Power (kW)	0.33/0.4/0.56
Voltage	230V/50Hz
Gross Weight (kg)	150

Operating Temperatures:
Type C (Chillers) +1...+12°C.
Type M (Medium temperature) -5...+12°C.
Type F (Freezers) -26...-15°C.



Optional feature: Stainless Steel panel shelf

FUTURE E COMBINED CHILLER, MEDIUM TEMPERATURE AND FREEZER CABINETS

Porkka Future E solid door multi temperature upright cabinets are designed for use in professional kitchens and food preparation areas where a mixed temperature Freezer / Chiller / Medium temperature cabinet will help ensure efficient use of the available floor space. Porkka Future series of upright cabinets are manufactured to the highest standards from high quality, ethically source materials to ensure long lasting performance in challenging conditions.



Future C722 C/C



Each door section is available in three operating temperatures: :

- Chiller Cabinets, Type C: +1°C...+12°C
- Medium Temperature Cabinets, Type M: -5°C...+12°C
- Freezer Cabinets, Type F: -26°C...-15°C



Optional feature of short legs, adjustable from 70mm to 105 mm

Features

- Digital temperature display with built-in microprocessor controller
- Keyboard tamper protection
- Recording of max./min. temperature
- Visual and audible high/low temperature alarm
- Door open alarm
- Probe failure alarm
- Exterior/Interior finish in stainless steel grade AISI 304
- Insulation with high density HFC free polyurethane
- 4 pcs wire shelves, powder paint coating, adjustable in increments of 30 mm
- 4 pairs anti-tilt stainless steel shelf supports
- Two half doors equipped with lock, magnetic gaskets and heavy-duty spring hinges, 90° dwell open

- Efficient and energy saving, hermetic air cooled HFC-free refrigerant system
- Stainless steel legs, height adjustable from 130 mm to 205 mm

Optional Features

- Extra shelves as required
- Stainless steel wire or panel shelves
- Stainless steel wire baskets
- Shorter stainless steel legs, adjustable from 70 mm to 105 mm
- Real-time temperature data logging with download to USB facility
- Castors 2 of which are lockable.
- Also available for connection to a central cooling refrigeration system
- Heat treated wooden packaging



Future C722 C/C

Specifications

Future E	722 C/C	722 M/M	722 C/M	722 M/F	722 C/F	722 F/F	C Central Cooling / F Plug in	C Plug in / F Central Cooling
Operating Temperature	+1...+12°C +1...+12°C	-5...+12°C -5...+12°C	+1...+12°C -5...+12°C	-5...+12°C -26...-15°C	+1...+12°C -26...-15°C	-26...-15°C -26...-15°C	+1...+12°C -26...-15°C	+1...+12°C -26...-15°C
Ambient Temperature	+5...+38°C	+5...+38°C	+5...+38°C	+5...+38°C	+5...+38°C	+5...+38°C	+5...+38°C	+5...+38°C
Width (mm)	730	730	730	730	730	730	730	730
Depth (mm)	800	800	800	800	800	800	800	800
Height (mm)	2030	2030	2030	2030	2030	2030	2030	2030
Height with castors (mm)	1990	1990	1990	1990	1990	1990	1990	1990
Internal Width (mm)	610	610	610	610	610	610	610	610
Internal Depth (mm)	660	660	660	660	660	660	660	660
Internal Height (mm)	565 x2	565 x2	565 x2	565 x2	565 x2	565 x2	565 x2	565 x2
Usable net Volume (Ltr)	156 x2	156 x2	156 x2	156 x2	156 x2	156 x2	156 x2	156 x2
Shelves	4	4	4	4	4	4	4	4
Shelf sizes (width x depth)	GN 2/1 - 530 x 650	GN 2/1 - 530 x 650	GN 2/1 - 530 x 650	GN 2/1 - 530 x 650	GN 2/1 - 530 x 650	4GN 2/1 - 530 x 650	GN 2/1 - 530 x 650	GN 2/1 - 530 x 650
Connection Power (kW)	0.46	1.5	0.5	1.1	0.87	1.19	0.64	0.81

PORKKA FUTURE CHILL, MEDIUM TEMPERATURE AND FREEZER CABINETS OPERATING ON CO₂

Porkka have developed a range of reach-in and roll-in cabinets for use with trans critical central plant refrigeration systems operating on the latest environmentally friendly refrigerant CO₂. As CO₂ is a natural component of our atmosphere this refrigerant has been assigned a GWP (Global Warming Potential) of 1. A CO₂ systems operate at higher pressures than conventional refrigerants Porkka have designed a robust system more than capable of operating safely and efficiently at higher pressures.



Future C722



Future Roll-in RIC960

Note: trolley not supplied



Future C520



Future C720



Future C722-2

Features

- Exterior / Interior finish in stainless steel grade AISI 304
- Insulation with high density HFC free polyurethane
- 4 or 8 pcs wire shelves, powder paint coating, adjustable in increments of 30 mm (not RIC, RIF)
- 4 or 8 pairs anti-tilt stainless steel shelf supports (not RIC RIF)
- Door equipped with lock, magnetic gasket and heavy-duty spring hinges, 90° dwell open
- Stainless steel legs, height adjustable from 130 mm to 205 mm (not RIC RIF)
- Maximum evaporator working pressure 55 bar
- Special CO₂ controller and electronic expansion valve not supplied. To be fitted by installation company
- Available cabinets for refrigerant R 744 (CO₂):
Future C 520, 720, 722, 722-2
Future F 520, 720, 722, 722-2
Future Roll-in RIC 960, RIF 960

Optional Features

- Extra shelves as required (not RIC, RIF)
- Stainless steel panel or wire shelves (not RIC, RIF)
- Shorter stainless steel legs, adjustable from 70 mm to 105 mm (not RIC, RIF)
- Door operated internal LED light
- Foot pedal door opener (not RIC, RIF)
- Castors 2 of which are lockable.
- Heat treated wooden packaging



FUTURE BLAST CHILLER AND BLAST CHILLER/FREEZER ROOM FOR TROLLEY OPERATION

The range of Porkka BC Blast Chillers and the combined BC/BF Blast Chiller and Blast Freezers is large and versatile and can be used for a multitude of different applications. .

Stand alone models with integral air cooled condensing units for GN1/1 containers, wheel-in models for use with GN1/1 and certain GN2/1 trolleys and pass through versions which can accept both GN1/1 and GN2/1 trolleys.



Future BC/BF 960 SMH

Features

- Control panel with soft touch buttons and multiple digital displays
- Microprocessor controlled blast chilling & freezing
- Digital display with selectable soft/hard-chilling process
- Stainless steel product probe for precise and accurate soft chilling
- Controller with ability to store 8 individual processes for rapid selection
- Automatic holding mode after the blast chilling or blast freezing process has finished
- Probe failure alarm
- Exterior/Interior finish in stainless steel grade AISI 304
- Insulation with high density HFC free polyurethane
- Doors are supplied complete with heavy duty hinges and a lockable door handle which is complete with emergency entrapment release
- Durable gaskets provide a good air seal



Future BC/BF 990SMH

Note: trolley not supplied



Future BC/BF 24-100SMH

- BC versions are supplied without floor, to allow easy trolley operation
- BC/BF chiller, freezer models are supplied with insulated floor equipped with a non-slip stainless steel finish and loading ramp

Optional Features

- Door operated UV-C sterilisation lamp
- Floor for BC chiller models
- Ready for sunken floor operation
- Heat treated wooden packaging

Specifications

Future	BC 960SMH	BC/BF 960SMH	BC 990SMH	BC/BF 990SMH	BC 24-100SMH	BC/BF 24-100SMH
Width (mm)	1050	1050	1050	1050	1500	1500
Depth (mm)	1050	1050	1050	1050	1200	1200
Height (mm)	2100	2100	2100	2100	2100	2100
Max Trolley Height (mm)	1800	1800	1800	1800	1800	1800
Blast Chilling Capacity*	60 kg/90 min	60 kg/90 min	90 kg/90 min	90 kg/90 min	100 kg/90 min	100 kg/90 min
Blast Freezing Capacity**	-	60 kg/6 hrs	-	60 kg/6 hrs	-	100 kg/6 hrs
Shock Freezing Capacity***	-	35 kg/2.5 hrs	-	35 kg/2.5hrs	-	55 kg/2.5 hrs
Required refrigeration capacity 1) (kW)	7	7/2.6	10	10/3.7	10	10/3.7
Connection Power for room only (kW)	0.41	2.06	0.41	2.06	0.45	2.10

* Blast chilling capacities have been calculated using GN1/1 trays 65mm deep with a product thickness of 50mm entering at +70 to +3°C within the stated time period.

** Blast freezing capacities have been calculated using GN1/1-65mm deep trays with a product thickness of 50mm from 0 to -18°C.

*** All Porkka appliances meet international standards and requirements for Blast Chilling of foodstuffs.

1) 2) The given refrigeration capacities for Blast Chilling is evaporating temperature (to) -10 °C, condensing temperature (t) +40 °C, ambient temperature +32 °C. For Blast Freezing is evaporating temperature (to) -30 °C, condensing temperature (t) +40 °C, ambient temperature +32 °C

FUTURE BLAST CHILLER AND BLAST CHILLER/FREEZER CABINETS FOR PASS THROUGH TROLLEY OPERATION

Porkka's range of Blast Chillers and the combined Blast Chiller and Blast Freezers is large and versatile. Pass through versions can accept both GN1/1 and GN2/1 trolleys.



Future BC/BF 48-200 SMH

Features

- Control panel with soft touch buttons and multiple digital displays
- Microprocessor controlled blast chilling & freezing
- Digital display with selectable soft/hard-chilling process
- Stainless steel product probe for precise and accurate soft chilling
- Controller with ability to store 8 individual processes for rapid selection
- Automatic holding mode after the blast chilling or blast freezing process has finished
- Probe failure alarm
- Exterior/Interior finish in stainless steel grade AISI 304
- Insulation with high density HFC free polyurethane
- Doors are supplied complete with heavy duty hinges and a lockable door handle which is complete with emergency entrapment release
- Durable gaskets provide a good air seal
- BC versions are supplied without floor, to allow easy trolley operation
- BC/BF chiller, freezer models are supplied with insulated floor equipped with a non-slip stainless steel finish and loading ramp
- Electrical supply 230V/50-60Hz

Optional Features

- Door operated UV-C sterilisation lamp
- Condensate disposal tray with heater
- Floor for BC chiller models
- Ready for sunken floor operation
- Heat treated wooden packaging

Specifications

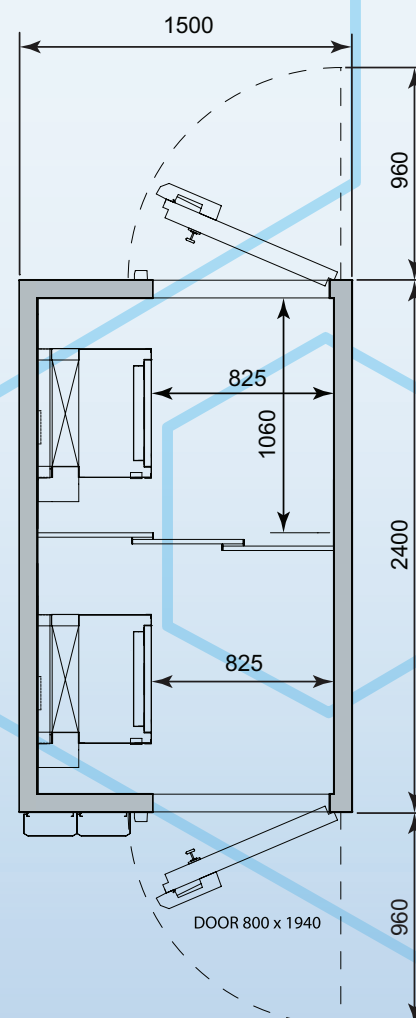
Future	BC 48-200SMH	BC/BF 48-200SMH
Width (mm)	1500	1500
Depth (mm)	2400	2400
Height (mm)	2100	2100
Max.Trolley Height (mm)	1800	1800
Blast Chilling Capacity*	2 x 100 kg/90 min	2 x 100 kg/90 min
Blast Freezing Capacity**	-	2 x 100 kg/6 hrs
Shock Freezing Capacity***	-	2 x 55 kg/2.5 hrs
Required refrigeration capacity 1) (kW)	2 x 10	2 x 10/2 x 3.7
Connection Power for room only (kW)	0.9	4.2/400V-3P

* Blast chilling capacities have been calculated using GN1/1 trays 65mm deep with a product thickness of 50mm entering at +70 to +3°C within the stated time period.

** Blast freezing capacities have been calculated using GN1/1-65mm deep trays with a product thickness of 50mm from 0 to -18°C.

*** All Porkka appliances meet international standards and requirements for Blast Chilling of foodstuffs.

1) The given refrigeration capacities for Blast Chilling is evaporating temperature (to) -10 °C, condensing temperature (t) +40 °C, ambient temperature +32 °C. For Blast Freezing is evaporating temperature (to) -30 °C, condensing temperature (t) +40 °C, ambient temperature +32 °C



FUTURE E CHILLER AND FREEZER ROLL IN CABINETS

Chiller and freezer cabinets solely for use with trolleys, RIC 960 and RIF 960 are designed for the storage of pre-chilled foods and already frozen products. They can accept various sizes and types of trolleys.

Refrigeration equipment can be supplied as on-board air-cooled condensing units or the cabinets can be connected to remote central cooling system.



Future E RIC960/RIF960

Features

- Digital temperature display with built-in microprocessor controller
- Keyboard tamper protection
- Recording of max./min. temperature
- Visual and audible high/low temperature alarm
- Door open alarm
- Probe failure alarm
- Exterior/Interior finish in stainless steel grade AISI 304
- Insulation with high density HFC free polyurethane
- Efficient and energy saving, hermetic air cooled HFC-free refrigerant system
- Electrical supply 230V/50Hz



Future E RIC960 / E RIF960
Note: trolley not supplied

Optional Features

- Shelf bar accessory kits
- Extra shelves as required
- Glass window (RIC only)
- Real-time temperature data logging with download to USB facility
- Door operated internal LED light
- Water cooled condenser with valve for connection to a chiller plant system (not with R290)
- Also available for connection to a central cooling refrigeration system
- Also available for connection to a central cooling CO₂ refrigeration system
- Pass-through models with 2 doors are available (T-models)
- Heat treated wooden packaging

Specifications

Future E	RIC960	RIC-T960	RIF960
Operating Temperature	+2...+12°C	+2...+12°C	-22...-18°C
Ambient Temperature	+5...+32°C	+5...+32°C	+5...+32°C
Width (mm)	850	850	850
Depth (mm)	1030	1035	1030
Height (mm)	2250	2250	2250
Internal Width (mm)	710	710	680
Internal Depth (mm)	900	900	900
Internal Height (mm)	1860	1860	1820
Usable net Volume (Ltr)	1229	1229	1099
Connection Power (kW)	0.45	0.50	1.05
Voltage	230V/50HZ	230V/50HZ	230V/50HZ
Gross Weight (kg)	180	185	190

(T) = pass-through operation, i.e RIC-T960 (E)