

Blast Chiller Freezers Crosswise -Blast Chiller-Freezer Crosswise -15kg 5GN 1/1 undercounter (R452A)

ITEM #		
MODEL #		
NAME #		
SIS #		
AIA#		



725442 (ECBCFA015UE)

Blast Chiller & Freezer Crosswise 15kg, undercounter, compatible with 6x1/1GN Convection Oven Crosswise - R452A

Short Form Specification

Item No.

Blast chiller/freezer with digital temperature and time display. For 5 GN 1/1 or 600x400 mm trays (h = 65 mm). Load capacity: chilling 15 kg; freezing 5 kg. Automatic detection of food probe insertion. Automatic and Manual defrost. Blast chilling real remaining time estimation (A.R.T.E.). Turbo cooling function. Thawing function. HACCP and Service alarms with data logging. Connectivity ready. Operating air temperature: +10/-34°C. Single sensor food probe. Main components in 304 AISI stainless steel. Suitable for undercounter installation. Internal rounded corners and drain. Evaporator with antirust protection. Performances guaranteed at ambient temperature of +40°C. Cyclopentane insulation (HCFC, CFC and HFC free). R452a refrigerant gas (HCFC and CFC free). Built-in refrigeration unit.

Main Features

- Blast Chilling cycle: 15 kg from 90°C up to 3°C.
- Chilling cycle with automatic preset cycles:
- Soft Chilling, ideal for delicate food and small portions.
- Hard Chilling, ideal for solid food and whole pieces.
- Turbo cooling: chiller works continuously at the desired temperature; ideal for continuous production.
- Thawing cycle, ideal for defrosting food in a controlled and safe environment.
- Possibility to modify the cavity temperature in turbo cooling and thawing cycles.
- Remaining time estimation for probe-driven cycles based on artificial intelligence techniques (ARTE) for an easier planning of the activities.
- Single sensor core probe as standard.
- On-board HACCP monitoring capable.
- Performance guaranteed at ambient temperatures of +40°C (Climatic class 5).
- Automatic and manual defrosting.
- Freezing cycle: 5 kg from 90°C up to -34°C.
- Multi-purpose internal structure suitable for gastronorm, bakery trays or ice-cream basins.

Construction

- No water connections required.
- Ventilator swinging hinged panel for access to the evaporator for cleaning.
- Waste water can be plumbed into drain, but can also be collected in an optional waste container.
- Built-in refrigeration unit.
- Main components in 304 AISI stainless steel.
- Evaporator with antirust protection.
- Automatic heated door frame.
- Door reversible on site.
- Door stopper to keep the door open in order to avoid the formation of bad smells (kit available to be mounted on site, depending on preferred door hinge).
- IP21 protection index.

User Interface & Data Management

- Control unit provides two large displays to read out: time, core temperature, cycle countdown, alarms, service information.
- Connectivity ready for real time access to connected appliances from remote and HACCP monitoring (requires optional accessory).







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Sustainability



- Holding at +3 °C for chilling or -20 °C for freezing, automatically activated at the end of each cycle, to save energy and maintain the target temperature (manual activation is also possible).
- High density polyurethane insulation, 60 mm tickness, HČFC free.

Included Accessories

 I of I single-sensor probe for blast 	PNC 880213
chiller/freezers	

Optional Accessories		
 1 single-sensor probe for blast chiller/ freezers 	PNC 880213	
 Kit 4 feet for blast chiller/freezers crosswise 15-25 kg - h100mm 	PNC 881295	
 Kit 4 wheels for blast chiller/freezers crosswise 15-25 kg - h100mm 	PNC 881296	
 Pair of AISI 304 stainless steel grids, GN 1/1 	PNC 921101	
 Pair of AISI 304 stainless steel grids, GN 1/1 	PNC 922017	
 AISI 304 stainless steel grid, GN 1/1 	PNC 922062	
 AISI 304 stainless steel bakery/pastry grid 400x600mm 	PNC 922264	
 IoT module for blast chiller/freezers crosswise 	PNC 922419	
 POE switch 	PNC 922432	







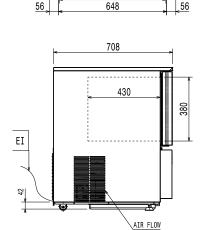






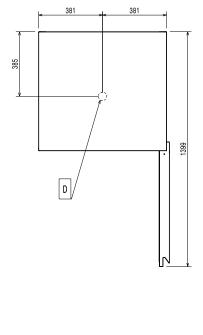
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Front 762 8 640 380 82 830



640

El = Electrical inlet (power)



Electric

Supply voltage:

725442 (ECBCFA015UE) 220-240 V/1 ph/50 Hz

Electrical power max.: 1.1 kW

Circuit breaker required

Installation:

Clearance: 5 cm on sides and back. Please see and follow detailed installation instructions provided with the unit

Capacity:

Side

qoT

Number and type of grids: 5 (GN 1/1; 600x400) Number and type of basins: 4 (360x250x80h)

Key Information:

External dimensions, Width: 762 mm External dimensions, Depth: 708 mm External dimensions, Height: 850 mm Net weight: 85 kg Shipping weight: 97 kg Shipping volume: 0.69 m³

Refrigeration Data

Refrigeration power at evaporation temperature: -20 °C

Product Information (EN17032 - Commission Regulation EU 2015/1095)

Chilling Cycle Time (+65°C to

107 min +10°C): Full load capacity (chilling): 15 kg

Freezing Cycle Time (+65°C

to -18°C): 246 min Full load capacity (freezing): 5 kg

ISO Certificates

ISO 9001; ISO 14001; ISO ISO Standards: 45001; ISO 50001

Sustainability

R452A Refrigerant type: **GWP Index:** 2141 1203 W Refrigeration power: Refrigerant weight: 460 g

Energy consumption, cycle

(chilling):

0.1024 kWh/kg

Energy consumption, cycle

0.5753 kWh/kg (freezing):









