

Blast Chillers-Freezers CW
Blast Chiller-Freezer Crosswise
20 1/1 - 64/56kg (R452A)

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____



110835 (BCF64A)

Blast chiller & freezer
64/56kg, compatible with
20x1/1 GN crosswise oven -
R452A

Short Form Specification

Item No. _____

For 20 GN1/1 or 600x400 mm trays. Load capacity: chilling 64 kg; freezing 56 kg (UK guidelines). Main components in 304 AISI stainless steel. Internal rounded corners and drain. Built-in refrigeration unit. Automatic detection of food probe insertion. Automatic and Manual defrost. Blast chilling real residual time estimation (A.R.T.E.). Turbo cooling function. Specific cycles for ice cream. Evaporator with antirust protection. Digital temperature and time display. HACCP and Service alarms with data logging. Operating air temperature: +3 -41°C. For ambient temperatures up to 40°C. Cyclopentane insulation (HCFC, CFC and HFC free). R452A refrigerant gas (HCFC and CFC free).

Main Features

- Blast Chilling cycle: 64 kg from 90°C up to 3°C in less than 90 minutes.
- Blast Freezing cycle: 56 kg from 90°C up to -18°C in less than 240 min.
- Soft Chilling (air temperature -2°C).
- Hard Chilling (air temperature -20°C).
- Holding at +3 °C for chilling or -22 °C for freezing, automatically activated at the end of each cycle, to save energy and maintain the target temperature (manual activation is also possible).
- Freezing (air temperature -36°C)
- Turbo cooling: chiller works continuously at the desired temperature; ideal for continuous production.
- Control unit provides two large displays to read out: time, core temperature, cycle countdown, alarms, service information.
- All information related to the different operating models are recorded: date, time, cycle, core temperature, holding temperature, HACCP accordance.
- Two customizable cycles (P1 & P2) for each operating mode, allowing to set the time and air temperature. These programs can be converted into ice-cream specialized cycles (shape maintenance and holding).
- Single sensor core probe as standard.
- Remaining time estimation for probe-driven cycles based on artificial intelligence techniques (ARTE) for an easier planning of the activities.
- Performance guaranteed at ambient temperatures of +40°C.

Construction

- Environmentally friendly: R452a as refrigerant gas.
- High density polyurethane insulation, 60 mm thickness, HCFC free.
- Main components in 304 AISI stainless steel.
- 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.

Included Accessories

- 1 of 1 single-sensor probe for blast chiller and blast chiller&freezers PNC 880213
- 1 of Removable tray support rack for 20 GN 1/1 PNC 881010

Optional Accessories

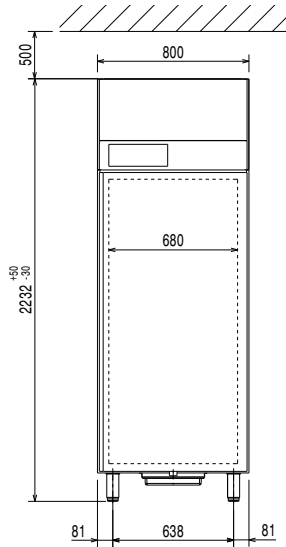
- Kit of HACCP advanced connection for blast chiller/freezers PNC 880183
- 3-sensor probe for blast chiller and blast chiller/freezers PNC 880212
- 1 single-sensor probe for blast chiller and blast chiller&freezers PNC 880213

APPROVAL: _____

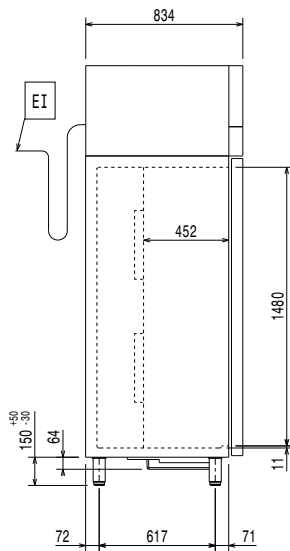
- Rilsan grid, 600x400 mm PNC 880864
- Removable tray support rack for 20 GN 1/1 PNC 881010
- Plastic coated grid, 1/1GN PNC 881061
- Rack rails for vertical blast chiller and chiller/freezer PNC 881182
- Pair of 1/1 GN grids in 304 AISI PNC 921101
- Kit HACCP EKIS PNC 922166
- 60-mm pitch roll-in rack for 20 1/1 GN PNC 922203
- 80-mm pitch roll-in rack for 20 1/1 GN PNC 922205

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Front

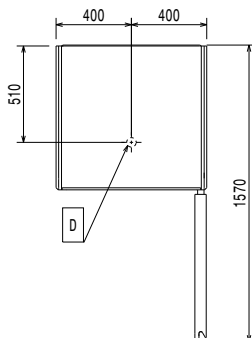


Side



EI = Electrical inlet (power)
RO = Refrigerant Outlet

Top



Electric

Supply voltage:
110835 (BCF64A) 380-415 V/3N ph/50 Hz
Electrical power max.: 4.4 kW
Circuit breaker required

Installation:

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

Capacity:

GN: 20 - 1/1 containers

Key Information:

External dimensions, Width: 800 mm
External dimensions, Height: 2230 mm
External dimensions, Depth: 835 mm
Net weight: 235 kg
Shipping weight: 265 kg
Shipping volume: 1.83 m³

Refrigeration Data

Control type: Electronic
Refrigerant type: R452A
Refrigeration power: 2810 W
Refrigeration power at evaporation temperature: -30 °C
Refrigerant weight: 2400 g

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

Energy consumption, cycle (chilling): 0.073 kWh/kg
Chilling Cycle Time (+65°C to +10°C): 106 min
Full load capacity (chilling): 95 kg
Energy consumption, cycle (freezing): 0.222 kWh/kg
Freezing Cycle Time (+65°C to -18°C): 263 min
Full load capacity (freezing): 65 kg

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The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.