

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. _____

- Blast chiller/freezer with digital temperature and time display
- For 20 GN 1/1 or 600x400 mm trays
- Load capacity: chilling 56 kg (UK guidelines); freezing 64 kg (UK guidelines)
- Single sensor core probe
- Operating air temperature: +3 -41°C
- Automatic and manual defrosting
- Blast chilling real residual time estimation (A.R.T.E.)
- Turbo cooling function
- Specific cycles for ice cream
- Evaporator with antirust protection
- HACCP and Service alarms with data logging
- Main components in 304 AISI stainless steel
- Internal rounded corners and drain
- Cyclopentane insulation (HCFC, CFC and HFC free)
- Built-in refrigeration unit
- R452a refrigerant gas (HCFC and CFC free)
- Performance guaranteed at ambient temperatures of 40°C

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.
- Automatic and manual defrosting.

Construction

- Environmentally friendly: R452a as refrigerant gas.
- 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.
- Built-in refrigeration unit.
- Removable magnetic door gasket with hygienic design.

Sustainability

- High density polyurethane insulation, 60 mm thickness, HCFC free.

INDUSTRY KITCHENS

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APPROVAL: _____

Included Accessories

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

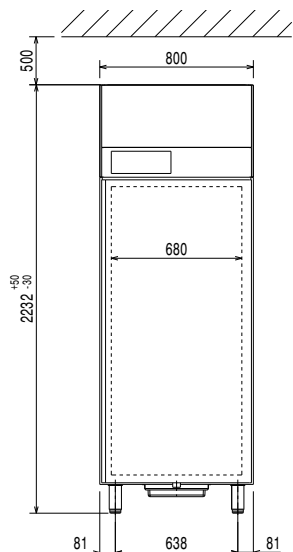
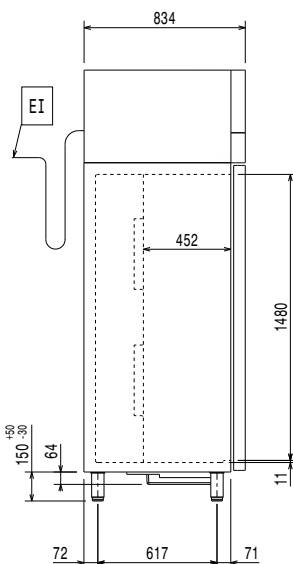
Optional Accessories

- Connectivity kit for LW and CW PNC 880183 ☐
blast chiller&freezer (ECAP)
- 1 single-sensor probe for blast PNC 880213 ☐
chiller and blast chiller&freezers
- Rilsan grid, 600x400 mm PNC 880864 ☐
- Removable tray support rack for 20 PNC 881010 ☐
GN 1/1
- Plastic coated grid, 1/1GN PNC 881061 ☐
- Rack rails for vertical blast chiller PNC 881182 ☐
and chiller/freezer
- Pair of 1/1 GN grids in 304 AISI PNC 921101 ☐
- Trolley for 20 1/1 GN roll-in rack PNC 922132 ☐
- KIT HACCP EKIS PNC 922166 ☐
- 60-mm pitch roll-in rack for 20 1/1 PNC 922203 ☐
GN
- 80-mm pitch roll-in rack for 20 1/1 PNC 922205 ☐
GN

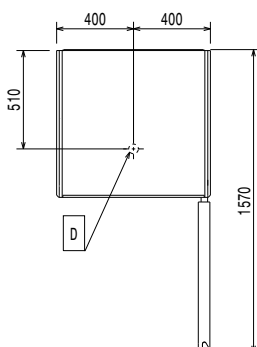
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Blast Chiller-Freezer Crosswise

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Front

Side


EI = Electrical inlet (power)

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, Depth: 835 mm

External dimensions, Height: 2230 mm

Net weight: 235 kg

Shipping weight: 268 kg

Shipping volume: 1.83 m³

Refrigeration Data

Control type: Electronic

Refrigeration power at evaporation temperature: -30 °C

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

Chilling Cycle Time (+65°C to +10°C): 106 min

Full load capacity (chilling): 95 kg

Freezing Cycle Time (+65°C to -18°C): 263 min

Full load capacity (freezing): 65 kg

Sustainability

Refrigerant type: R452A

GWP Index: 2141

Refrigeration power: 2810 W

Refrigerant weight: 2400 g

Energy consumption, cycle (chilling): 0.073 kWh/kg

Energy consumption, cycle (freezing): 0.222 kWh/kg