

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

- Soft Chilling (air temperature -2°C).
- Hard Chilling (air temperature -20°C).
- 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.
- 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).

Included Accessories

- 1 of 1 extra single-sensor probe for PNC 880213 blast chiller and blast chiller&freezers

Optional Accessories

- 1 extra single-sensor probe for PNC 880213 blast chiller and blast chiller&freezers

APPROVAL: _____



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- Rack rails for vertical blast chiller and chiller/freezer PNC 881182
- Pair of 1/1 GN grids in 304 AISI PNC 921101
- Trolley for 20 1/1 GN roll-in rack PNC 922132
- 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



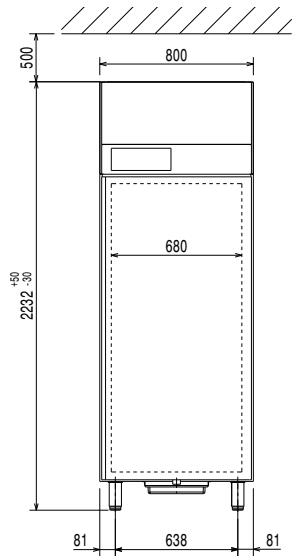
**Blast Chillers-Freezers CW
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The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.

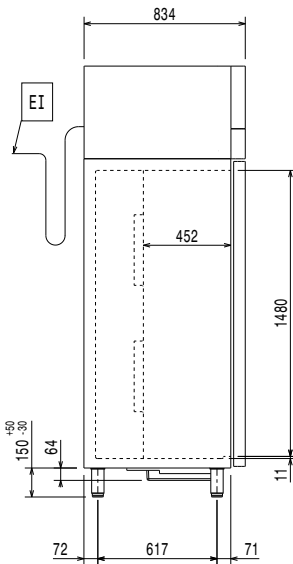
2024.04.18

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Front

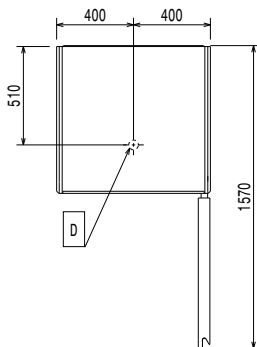


Side



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 m ³

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

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