Electrolux PROFESSIONAL

Blast Chillers-Freezers CW
Blast Chiller-Freezer Crosswise - 12,5/7kg - (R452A)

ITEM #

MODEL #

NAME #

SIS #

AIA #



727901 (RBF051) Blast Chiller & Freezer 12,5/7kg, compatible with 6x1/1GN crosswise Oven - R452A

Short Form Specification

Item No.

- Blast chiller/freezer with digital temperature and time display
- For 5 GN 1/1 or 600x400 mm trays
- 6 levels available. Usable with 5 GN 1/1 or 600x400 mm trays
- Load capacity: chilling 12,5 kg (UK guidelines); freezing 7 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: 12,5 kg from 90°C up to 3°C in less than 90 minutes.
- Blast freezing cycle: 7kg from 90°C to -12°C in less than 240 minutes.
- Soft Chilling (air temperature -2°C).
- Hard Chilling (air temperature -20°C).
- Freezing (air temperature -36°C)
- 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.
- 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 maintainance and holding).
- Turbo cooling: chiller works continuously at the desired temperature; ideal for continuous production.
- Performance guaranteed at ambient temperatures of +40°C.
- Holding at +3 °C for chilling or -18 °C for freezing, automatically activated at the end of each cycle, to save energy and maintain the target temperature (manual activation is also possible).
- Automatic and manual defrosting.

Construction

- No water connections required.
- High density polyurethane insulation, 60 mm tickness, HCFC free.
- 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.
- Environmentally friendly: R452a as refrigerant gas.
- Built-in refrigeration unit.
- Removable magnetic door gasket with hygienic design.
- 6 levels available. Usable with 5 GN 1/1 or 600x400 mm trays.

APPROVAL:

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Included Accessories

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

Optional Accessories

- Connectivity kit for AOC/EasyLine and CW Blast Chillers/Blast Chiller Freezers (ECAP) PNC 880183 ❑
- 1 single-sensor probe for blast chiller and blast chiller&freezers PNC 880213 ❑
- 4 feet for undercounter blast chillers/ blast chiller freezers for 726658 and 726659 PNC 880338 ❑
- Rilsan grid 600x400mm PNC 880864 ❑
- Plastic coated grid, 1/1GN PNC 881061 ❑
- Pair of 1/1GN AISI 304 stainless steel grids PNC 921101 ❑
- KIT HACCP EKIS PNC 922166 ❑

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

2021.08.13

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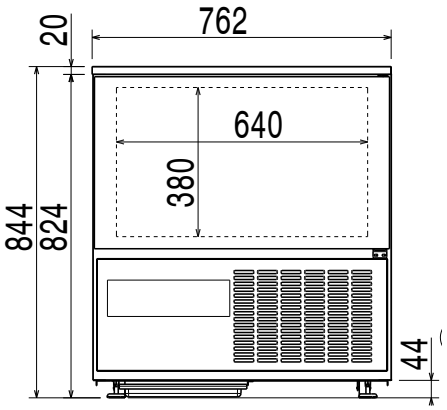
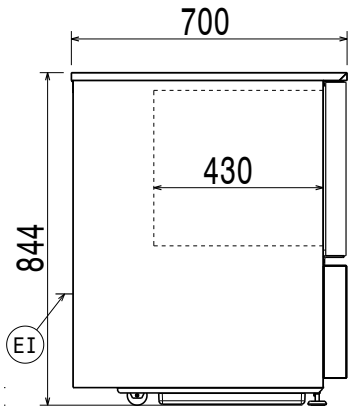
Front

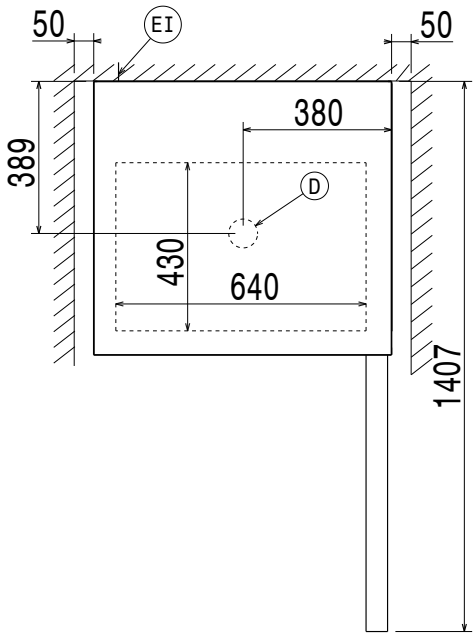


Side



EI = Electrical inlet (power)

Top



Electric

Supply voltage:	
727901 (RBF051)	230 V/1 ph/50 Hz
Electrical power max.:	0.73 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:	6 - 1/1 containers

Key Information:

External dimensions, Width:	762 mm
External dimensions, Height:	844 mm
External dimensions, Depth:	700 mm
Net weight:	95 kg
Shipping weight:	97 kg
Shipping volume:	0.69 m³

Refrigeration Data

Refrigerant type:	R452A
GWP Index:	2141
Refrigeration power:	234 W
Refrigeration power at evaporation temperature:	-23.3 °C
Refrigerant weight:	460 g

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

Energy consumption, cycle (chilling):	0.094 kWh/kg
Chilling Cycle Time (+65°C to +10°C):	113 min
Full load capacity (chilling):	15 kg
Energy consumption, cycle (freezing):	0.507 kWh/kg
Freezing Cycle Time (+65°C to -18°C):	250 min
Full load capacity (freezing):	5 kg

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