

# ALPENINOX

## CRIO Chill Smart Blast Chiller Crosswise 20 1/1 - 56kg (R452A)

ITEM # \_\_\_\_\_

MODEL # \_\_\_\_\_

NAME # \_\_\_\_\_

SIS # \_\_\_\_\_

AIA # \_\_\_\_\_



728958 (EEVA561)

Blast chiller 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 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 -12°C. For ambient temperatures up to 40°C. Cyclopentane insulation (HCFC, CFC and HFC free). R452A refrigerant gas (HCFC and CFC free).

### Main Features

- Soft Chilling (air temperature -2°C).
- Hard Chilling (air temperature -12°C).
- Turbo cooling: chiller works continuously at the desired temperature; ideal for continuous production.
- Blast Chilling cycle: 56 kg from 90°C up to 3°C in less than 90 minutes.
- Holding at 3°C for chilling, automatically activated at the end of each cycle, to save energy and maintain the target temperature (manual activation is also possible).
- Control unit provides two large displays to read out: time, core temperature, cycle countdown, alarms, service information.
- 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).
- All information related to the different operating models are recorded: date, time, cycle, core temperature, holding temperature, HACCP accordance.
- 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.
- High density polyurethane insulation, 60 mm thickness, HCFC free.
- Ventilator swinging hinged panel for access to the evaporator for cleaning.
- No water connections required.
- 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.

APPROVAL: \_\_\_\_\_

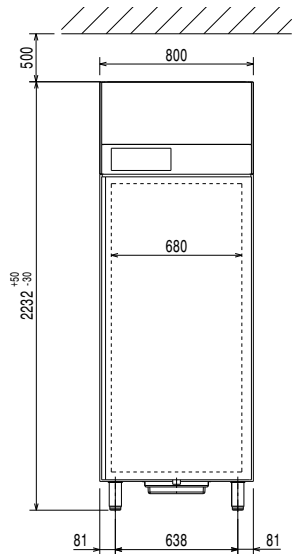
**Included Accessories**

- 1 of 1 single sensor probe for blast chiller and blast chillers&freezer PNC 880213
- 1 of Removable tray support rack for 20x1/1GN PNC 881010

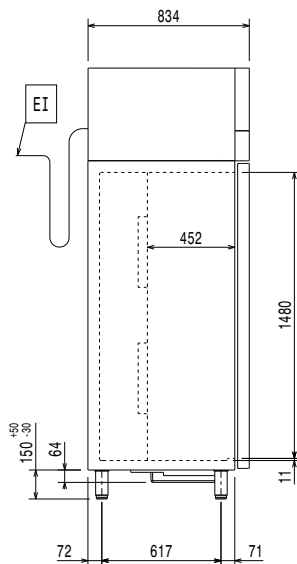
**Optional Accessories**

- Kit of HACCP advanced connection for blast chiller and blast chillers/freezers PNC 880183
- 1 single sensor probe for blast chiller and blast chillers&freezer PNC 880213
- 2 single sensor probes for blast chiller-freezer PNC 880214
- Rilsan grid 600x400mm PNC 880864
- Removable tray support rack for 20x1/1GN PNC 881010
- Plastic coated grid for refrigerated counters PNC 881061
- Rack rails for vertical blast chiller and blast chiller&freezer PNC 881182
- Pair of 1/1GN grids in 304 AISI PNC 921101
- Trolley for 20x1/1GN roll-in rack PNC 922132
- KIT HACCP EKIS PNC 922166
- 60mm pitch roll-in rack for 20x1/1GN PNC 922203
- 80mm pitch roll-in rack for 14x1/1GN PNC 922205
- ETHERNET CONNECTOR FOR ECAP PROTOCOL ITEMS PNC 922768

### Front

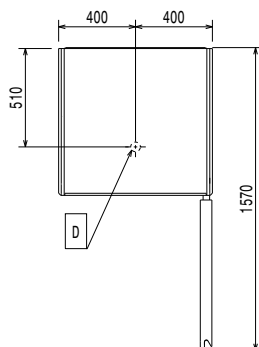


### Side



EI = Electrical inlet (power)

### Top



### Electric

#### Supply voltage:

728958 (EEVA561) 380-415 V/3N ph/50 Hz

#### Electrical power max.:

2.45 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

Max load capacity: 56 kg

### Key Information:

External dimensions, Width: 800 mm

External dimensions, Depth: 835 mm

External dimensions, Height: 2230 mm

Net weight: 230 kg

Shipping weight: 260 kg

Shipping volume: 1.83 m<sup>3</sup>

Chilling-Freezing Productivity per cycle (NF Regulations): 43.2 kg - 0 kg

Chilling-Freezing Productivity per cycle (UK Guidelines): 56 kg - 0 kg

### Refrigeration Data

Compressor power: 2,5 hp

Refrigeration power at evaporation temperature: -5 °C

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

Chilling Cycle Time (+65°C to +10°

C): 119 min

Full load capacity (chilling): 65 kg

### Sustainability

Refrigerant type: R452A

Refrigeration power: 5363 W

Refrigerant weight: 2400 g

Energy consumption, cycle (chilling):

0.067 kWh/kg