



Electrolux

air-o-chill air-o-chill Blast Chiller/Shock Freezer 102 - 155lbs (70kg)

ITEM #

MODEL #

NAME #

SIS #

AIA #



air-o-chill

air-o-chill Blast Chiller/Shock Freezer 102 -
155lbs (70kg)

726343 (AOF5102CU)

Blast Chiller/Shock Freezer
102 - 208V/3p/60Hz

Short Form Specification

Item No.

Unit to be Electrolux air-o-chill® Blast Chiller/Shock Freezer Soft-chilling, Hard-chilling and Blastfreezing cycles. At the end of each Blast-chilling- or freezing cycle the unit shall automatically activate a holding cycle. Defrost cycle is automatically and intelligently activated: ice build up on evaporator is automatically detected and defrost activated to maximize performance efficiency. Manual activation of defrost cycle is possible. Unit does not have any heat limitation and can accept food directly from oven at cooking temperature. The unit features both time and core temperature controlled chilling cycles. One core temperature probe is provided as standard, up to three are available.

Covered by Electrolux Platinum Star® Service Program two-year parts and one-year labor warranty, installation start-up and performance checkup after one year from installation.



APPROVAL:

Main Features

- BlastChiller/Shock Freezer designed to accept hot product directly from the oven, no need to reduce food temperature below 160° F (70° C) before starting the chilling/freezing cycle.
- Soft Chilling: air temperature -28 °F (-2°C).
- Hard Chilling: air temperature -4 °F (-20°C).
- Blast/Shock Freezing cycle: 55 lbs. (25kg) from 194 °F (90°C) up to -40 °F (-18°C) in less that four hours. Blast/Shock Freezing: low air temperature adjustable up to -42 °F (-41°C).
- Automatic Holding cycle: automatically activated at the end of each cycle to save energy and maintain the target temperature (manual activation is also possible): chilling at 37 °F (3°C) and freezing at -8 °F (-22°C).
- Turbo cooling (PATENTED): chiller works continuously at the desired temperature; ideal for continuous production.
- Cruise cycle (PATENTED): the chiller automatically sets the parameters for the quickes and best chilling (it works by probe).
- Two specialized cycles:
P1 brings down ice-cream temperature to 7°F (-14°C) measured at the core when probe is inserted. Once set temperature is reached, the temporary maintenance phase automatically begins, holding the 7°F (-14°C) temperature.
P2 set temperature to -33°F (-36°C) to -40°F (-40°C) for an indefinite amount of time, maintaining the ventilation active. Temperature is adjustable up to -40°F (-40°C) without interrupting the cycle, allowing ice-cream to be kept longer in the freezer.
- 3-sensor core probe as standard and automatic detection of the core probe insertion.
- Probe-driven cycles feature ARTE (Algorithm for Remaining Time Estimation) to make planning the activities easier.
- Control unit provides two large displays to read out: time, core temperature, cycle countdown, alarms, service information.
- Audible alarms and visual indicators for food safety (HACCP) issues and separate audible and visual for unit malfunctions.
- On-board HACCP monitoring capable.
- All information related to the different operating models are recorded: date, time, cycle, core temperature, holding temperature, HACCP accordance.
- Automatic and manual hot gas defrosting.
- Performance guaranteed at ambient temperatures of 90° F (+32° C).



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Electrolux Professional, Inc.

www.electroluxusa.com/professional

10200 David Taylor Drive, Charlotte, NC 28262 • Telephone Number: 866-449-4200 • Fax Number: 704-547-7401

Construction

- Thermostatic expansion valve to optimize the cooling unit efficiency.
- Waste water can be plumbed into drain, but can also be collected in an optional waste container.
- Main components in 304 AISI stainless steel.
- Solenoid valve included.
- Developed and produced in ISO 9001 and ISO 14001 certified factory.
- Evaporator with antirust protection.
- Motors and fan waterproof protected IP23.
- PC connection on request, gate RS 485.
- No water connections required.
- Stand alone printer as accessory.
- Inner cell with fully rounded corners.
- High density polyurethane insulation, 60 mm thickness, HCFC free.
- Environmentally friendly: R404a as refrigerant fluid.
- Removable magnetic gasket door with hygienic design.
- Ventilator swinging hinged panel for access to the evaporator for cleaning.
- Automatic heated door frame.

Included Accessories

- 1 of (1) 3-sensor probe, for blast chiller/ PNC 880212
freezers all sizes
- 5 of Single 304 stainless steel full-size grid PNC 922076
(21"x26")

Optional Accessories

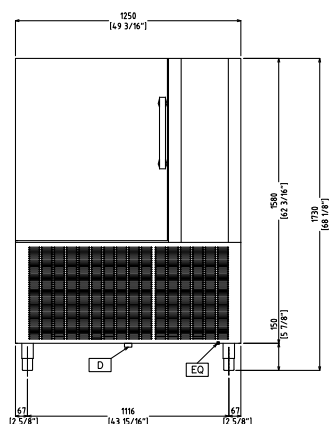
- External printer for HACCP PNC 880048
☐
- (6) castors (3 with brakes) for Air-O-Chill® PNC 880141 ☐
- (1) 3-sensor probe, for blast chiller/freezers PNC 880212 ☐
all sizes
- (1) single sensor probe, for blast chiller/ PNC 880213 ☐
freezers
- (2) single sensor probes, for blast chiller/ PNC 880214 ☐
freezers
- - NOT TRANSLATED - PNC 880215 ☐
- Roll-in rack support for 2/1GN blast chiller PNC 881029 ☐
and blast freezer, lengthwise, 70kg
- MULTI-PURPOSE TRAY RACK BCF PNC 881057 ☐
10GN2/1
- Trolley, for roll-in rack for 62 and 102 oven PNC 922042 ☐
- Tray rack and casters for 102 oven PNC 922043 ☐
(standard pitch)
- Tray rack and casters, for 102 oven PNC 922045 ☐
(increased pitch)
- Banquet Rack, for 51 plates for 102 oven PNC 922052 ☐
- Pair of 304 stainless steel full-size grid (21 PNC 922060 ☐
"x26")
- Pastry Rack 16" x 24" (400mm x 600mm) PNC 922067 ☐
for air-o-system 102
- Single 304 stainless steel full-size grid (21 PNC 922076 ☐
"x26")
- Handle and wheels for tray rack PNC 922352 ☐



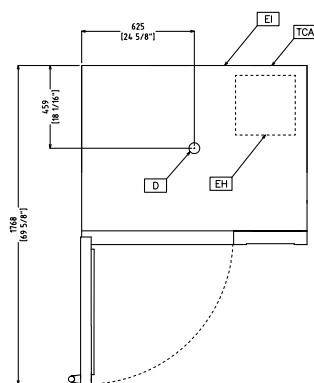
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Front

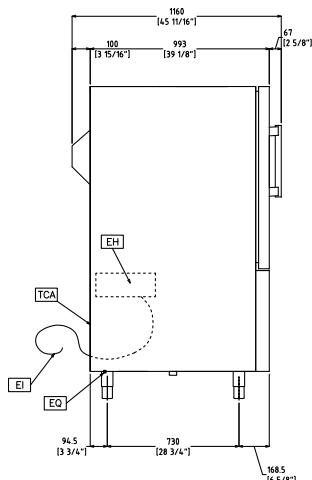


Top



D = Drain
EI = Electrical connection
RO = Refrigerant Outlet

Side



Electric

Supply voltage:

726343 (AOFS102CU) 208 V/3 ph/60 Hz

Electrical power, max:

4.91 kW

Circuit breaker required

Current consumption:

20.6 A

Installation:

Clearance:

2" (5cm) on sides and back.

Please see and follow detailed installation instructions provided with the unit

Capacity:

Sheet pans:

10 - 18"x 26"

Steam pans:

20 - 12"x 20"

Max load capacity:

154lbs (70kg)

Max load capacity (gal/lt):

18.5gal (70lt)

Key Information:

N° of doors:

1

External dimensions, Width: 49 3/16" (1250 mm)

External dimensions, Depth: 45 11/16" (1160 mm)

External dimensions, Height: 68 1/8" (1730 mm)

Shipping width: 44 1/2" (1130 mm)

Shipping depth: 53 1/8" (1350 mm)

Shipping height: 77 15/16" (1980 mm)

Shipping weight: 838 lbs (380 kg)

Shipping volume: 106.66 ft³ (3.02 m³)

Internal Dimensions (depth): 33" (843mm)

Internal Dimensions (height): 35" (900mm)

Internal Dimensions (width): 26" (670mm)

Net Weight: 705lbs (320kg)

Refrigeration Data

Refrigerant type:

R404a

Self-contained unit

7.5 hp (25.5 kW, 38,000 BTU), Suction T at -20 °F, Ambient T at 90 °F.

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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.

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