



# Electrolux

## air-o-chill Blast Chiller/Shock Freezer 61 66LBS (30KG) with USB

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

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

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

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

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



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# Blast Chiller/Shock Freezer 61 66LBS (30KG) with USB

# air-o-chill



727690 (AOF061CU) 61 BLAST C/F 66LBS (30KG)  
-208V-USB

### Short Form Specification

#### Item No. \_\_\_\_\_

For 61 air-o-chill Blast Chiller/Shock Freezer. 18 levels, pitch 3/4" (20mm). Load capacity: 66lbs (30kg). Main components in 304 AISI stainless steel. Internal rounded corners and drain. Built-in refrigeration unit. Cruise cycle for fully automatic blast chilling with food probe. 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: 194 - 106°F (90 - 41°C). For ambient temperatures up to 109°F (43°C). Cyclopentane insulation (HCFC, CFC and HFC free). R404a refrigerant gas (HCFC and CFC free).



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

### Main Features

- Hard Chilling: air temperature -4 °F (-20°C).
- Blast/Shock Freezing cycle: 66 lbs. (30kg) 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 quikes 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 sets 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.
- Remaining time estimation for probe-driven cycles based on artificial intelligence techniques (ARTE) for an easier planning of the activities.
- 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.
- USB connection: to download HACCP data from the blast chiller (time, cavity temperature, alarms, and probe temperature).
- Performance guaranteed at ambient temperatures of 109°F (43°C).
- 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).
- Audible alarms and visual indicators for food safety (HACCP) issues and separate audible and visual for unit malfunctions.
- On-board HACCP monitoring capable.
- Automatic and manual hot gas defrosting.
- The blast chiller arrives without a plug to allow the electrician to decide if to hardwire to an electrical system or to use a traditional or custom plug.

### Construction

- Developed and produced in ISO 9001 and ISO 14001 certified factory.

Electrolux Professional, Inc.

[www.electroluxusa.com/professional](http://www.electroluxusa.com/professional)

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- Waste water can be plumbed into drain, but can also be collected in an optional waste container.
- Main components in 304 AISI stainless steel.
- Evaporator with antirust protection.
- Motors and fan waterproof protected IP23.
- Inner cell with fully rounded corners.
- High density polyurethane insulation, 2 1/3" (60mm) 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.
- Thermostatic expansion valve to optimize the cooling unit efficiency.
- Solenoid valve included.
- PC connection on request, gate RS 485.
- Internal and external finishing in 304 AISI stainless steel and backpanel in galvanized steel.
- Drain size 3/4".

### Included Accessories

- 1 of (1) 3-sensor probe, for blast chiller/ freezer all sizes PNC 880212
- 3 of Single 304 stainless steel grid (12" x 20") PNC 922062

### Optional Accessories

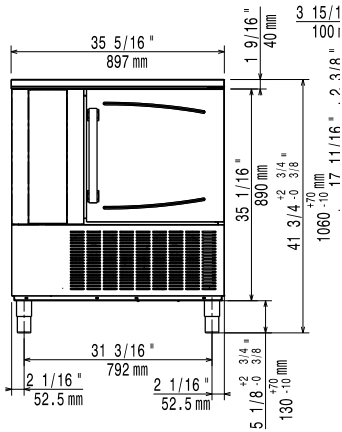
- (4) casters (2 with brakes) for blast chiller/ freezer PNC 880111
- (1) 3-sensor probe, for blast chiller/freezer all sizes PNC 880212
- (1) single sensor probe, for blast chiller/ freezer PNC 880213
- (2) single sensor probes, for blast chiller/ freezer PNC 880214
- 3 SINGLE-SENSOR PROBES-BL.C/ FREEZERS PNC 880215
- SET OF 5 S/S RUNNERS FOR BCF 66lbs (30KG) PNC 880312
- Tower stacking kit for 61 combi oven and blast freezer/shock freezer PNC 881049
- Rilsan® coated grid (12"x20") PNC 881061
- KIT BUZZER FOR BCF USB PNC 881143
- Single 304 stainless steel grid (12" x 20") PNC 922062
- Pastry rack for 6 hotel or steam pans air-o-system (61 versions) PNC 922065
- EKIS - Electrolux Intelligent Kitchen System PNC 922166



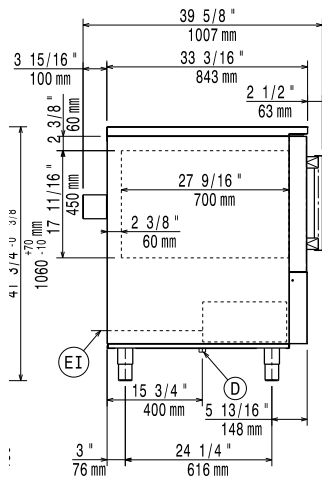
**Electrolux**

**air-o-chill**  
**Blast Chiller/Shock Freezer 61**  
**66LBS (30KG) with USB**

Front

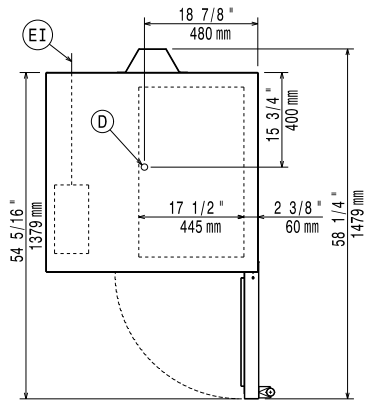


Side



EI = Electrical connection  
RO = Refrigerant Outlet

Top



**Electric**

**Supply voltage:**

727690 (AOF061CU) 208 V/3 ph/60 Hz

**Electrical power, max:**

2 kW

**Circuit breaker required**

**Current consumption:**

9.2 Amps

**Minimum Circuit Ampacity (MCA):**

15A

**Installation:**

2" (5cm) on sides and back.

**Clearance:**

Please see and follow detailed installation instructions provided with the unit

**Key Information:**

**Door hinges:**

- External dimensions, Width:** 35 5/16" (897 mm)
- External dimensions, Depth:** 39 5/8" (1007 mm)
- External dimensions, Height:** 41 3/4" (1060 mm)
- Shipping weight:** 432 lbs (196 kg)
- Type of external material:** 304 AISI
- Type of internal material:** 304 AISI

**Refrigeration Data**

**Built-in Compressor and Refrigeration Unit**

**Refrigerant type:** R404A