

# Blast Chiller Freezer R290

## User Maintenance Guide

### OPERATIONS



#### daily Cleaning operations

### 1 External surfaces

- ▶ Clean the external surfaces with hot water and S05 Multipurpose Degreaser. Rinse and dry thoroughly.
- ▶ Use S01 Stainless Steel Surfaces Polisher to polish steel surfaces.

Accessories	Code
S01 Stainless Steel Surfaces Polisher	OS2881
Microfiber cloth	OS1779

### 2 Drain plug

- ▶ Clean with warm water and S03 Alcohol Base Detergent, rinse and dry with a cloth thoroughly.

Accessories	Code
Microfiber Cloth	OS1779

### 3 Water condenser basin

- ▶ Empty the water condenser basin and clean it with warm water and S05 Multipurpose Degreaser.
- ▶ Use S03 Alcohol Base Detergent to deep clean and dry with a cloth.

Accessories	Code
S03 Alcohol Base Detergent	OS2883

### 4 Food probe

- ▶ Clean using warm water and S05 Multipurpose Degreaser to clean and degrease the probe, then use S03 Alcohol Base Detergent to deep clean; then rinse with a cloth the surface in contact with food.

Accessories	Code
S05 Multipurpose Degreaser	OS3257
S03 Alcohol Base Detergent	OS2883
Microfiber Cloth	OS1779

### 5 Frontal part, door and door gasket

- ▶ Remove grime, fat or any other type of dirt with paper towel, then use S05 Multipurpose Degreaser to degrease.
- ▶ Clean the door gasket with warm water and neutral soap.
- ▶ Dry with a cloth.
- ▶ Use S01 Stainless Steel Surfaces Polisher to polish the stainless-steel surfaces.

Accessories	Code
S05 Multipurpose Degreaser	OS3257
S01 Stainless Steel Surfaces Polisher	OS2881
Microfiber Cloth	OS1779



#### 1 per week Cleaning operations

### 6 Tray support and internal structure

- ▶ Remove the internal shelf racks and the structure, if it is possible, wash them in the dishwasher.
- ▶ Alternatively clean the component by hand with warm water and S05 Multipurpose Degreaser, rinse with water and then dry thoroughly.

Accessories	Code
S05 Multipurpose Degreaser	OS3257
S03 Alcohol Base Detergent	OS2883
Microfiber Cloth	OS1779



#### 1 per month Cleaning operations

### 7 Frontal griddle and condenser air intake

- ▶ Remove dust using vacuum cleaner.



#### CAUTION

- It is recommended to avoid contact between S01 Stainless Steel Surfaces Polisher and elastomeric (rubber) or silicone - based materials.

## Cleaning external surfaces

Wash the external surfaces with warm, soapy water. Avoid using detergents containing abrasive substances, steel wool, brushes or steel scrapers. Rinse with a damp cloth and dry carefully. Avoid using chlorine or ammonia-based products. Clean the control panel with a soft cloth dampened with water and, if necessary with neutral detergent. Do not wash the equipment with direct or high pressure jets of water. With the aim of reducing the emission of polluting substances into the atmosphere, it is advisable to clean the equipment (externally and, when necessary, internally) with products that have a biodegradability exceeding 90%. **Electrolux Professional strongly recommends to use Electrolux Professional approved cleaning agents, rinse and descaling agents to obtain better results and maintain product efficiency over time.** Damages caused by cleaning, as a consequence of use of not approved cleaning agents, rinse and descaling, will be excluded by the warranty.

The operations described must be performed wearing the needed Personal Protection Equipment. Refer to the User Manual.

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### TROUBLESHOOTING

## Planned Maintenance Programmes

In order to ensure the safety and performance of your equipment, it is recommended that regular service is undertaken every 12 months by Electrolux Professional authorised engineers in accordance with the manufacturer recommendations. Please contact your local Electrolux Professional Service Centre for further details of service agreements available.

Type of anomaly	Possible causes	Actions/remedy
INFO	Food probe not inserted in food	In case of cycles based on food temperature, insert the probe into the food otherwise the cycle will automatically switch to time
ALLARM	<ul style="list-style-type: none"> <li>Internal error -Electronic boards disconnected</li> <li>Electronic board failure</li> </ul>	Try to switch the unit OFF/ON
ALLARM	Software corruption	Try to switch the unit OFF/ON
ALLARM – Resetting appliance	Software corruption	The appliance loses personalization. Operations can continue
ALLARM – stops appliance	<ul style="list-style-type: none"> <li>Position of condenser probe is not correct</li> <li>Fan condenser not working</li> <li>The condenser is dirt or the grid has tapped holes</li> <li>The unit does not discharge warm air due to position too near to wall.</li> </ul>	This failure blocks also running cycle. Quickly remove the load from the cavity for preventing waste of food. Using a vacuum cleaner, remove any dust/dirt from the condenser inlet-air grid.
ALLARM – stops food probe cycles only if the entire sensor is faulty	<ul style="list-style-type: none"> <li>Food probe misuse (for example, wire pulled or squeezed)</li> <li>Connector failure</li> <li>Probe failure</li> <li>PCB failure*</li> </ul>	<ul style="list-style-type: none"> <li>Current running cycle: a) the cycle continues in probe mode until at least one out of the 6 food probe points is working. b) the cycle switches to time mode if none out of the 6 food probe points is working.</li> <li>During STANDBY: a) the cycle can be started until at least one point is working. b) the cycle can be started in time mode in case all points are failed.</li> </ul>
ALARM Stops appliance	<ul style="list-style-type: none"> <li>Power supply missing</li> <li>Supply power system failure</li> <li>Other electrical issues (for example current dispersions)</li> </ul>	<ul style="list-style-type: none"> <li>Current running cycle: the cycle restarts automatically when the power is back.</li> <li>The appliance was not in operation for a certain period of time: check initial and end time.</li> <li>Check the plug or general electric control panel.</li> </ul>
2 ERROR Stops cycle	<ul style="list-style-type: none"> <li>The door remained open beyond the time limit set whit the active cycle</li> <li>Door closure recognition system is failed</li> </ul>	<ul style="list-style-type: none"> <li>Ensure the chiller door is closed and any physical obstruction is not preventing the door closure.</li> <li>Start new cycle: if either a new cycle will not start or the alarm persists even with the door closed, Call Service.</li> </ul>
Display is OFF while main switch button is ON.	Connector to display disconnected	Switch the unit Off/On
Display is stuck on screen saver and does not react	Issue with the Software.	Switch the unit Off/On
Display is stuck on screen saver and does not react.	Issue with the Software	Switch the unit Off/On

For all the other warning codes not mentioned in the document: Call Service

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Type of anomaly	Possible causes	Actions/remedy
Display shows condensation inside.	Infiltration of water during the cleaning	No actions required in case. It is possible to continue operating with the unit.
Switch Button ON_OFF not working.	<ul style="list-style-type: none"> <li>• Electric supply issue</li> <li>• Hardware issue</li> <li>• Wiring issue</li> </ul>	Switch the unit Off/On
External noise/vibrations with cycle ON.	<ul style="list-style-type: none"> <li>• Unit unlevelled.</li> <li>• Condenser water tray and guide damage.</li> <li>• Condenser panel not fix well.</li> </ul>	<ul style="list-style-type: none"> <li>• Level the unit with the adjustable feet</li> <li>• Adjust the guide or remove the condenser water tray.</li> <li>• Check if the condenser panel is fixed correctly.</li> </ul>
Internal noise/vibrations with cycle ON.	<ul style="list-style-type: none"> <li>• The tray supports are not allined.</li> <li>• The internal rack is not well positioned.</li> <li>• Obstruction of cavity fan.</li> <li>• Carter/deflector evaporator fan is not fixed well.</li> </ul>	<ul style="list-style-type: none"> <li>• Check if the right/left supports are well positioned.</li> <li>• Check if the internal rack is well fixed, above and below.</li> <li>• Check if the cavity fan working well without any obstructions.</li> <li>• Check if the carter evaporator is fixed with screws.</li> </ul>
The appliance needs too much time to reach the required temperature.	<ul style="list-style-type: none"> <li>• Excessive food load in the cavity.</li> <li>• Refrigerant gas leakage</li> <li>• Cavity fan with 3 phases has wrong rotation or is not connected</li> <li>• Thermostatic valve is not set</li> <li>• Compressor valve is damaged.</li> <li>• Relay of heating element is stuck</li> <li>• Insulation of pipes and wires on the rear side is missing or damaged</li> </ul>	Reduce the food load in the cavity.
<b>WARNING</b>	<ul style="list-style-type: none"> <li>• Delay time set too short</li> <li>• Delta temperature set too narrow</li> <li>• Evaporator icing</li> </ul>	<p>The cavity temperature is below the holding cycle temperature set point for more than the set time (default time = 1hour).</p> <p>The cycle will continue until stopping. Open the door for increasing the temperature inside the cavity: check it after a couple of minutes. Launch a manual defrost cycle.</p>
<b>WARNING</b>	Evaporator probe failure	<ul style="list-style-type: none"> <li>• Connector unplugged</li> <li>• Probe and/or probe wire damaged</li> </ul>
<b>WARNING</b>	Out Evaporator probe failure	<ul style="list-style-type: none"> <li>• Connector unplugged</li> <li>• Probe and/or probe wire damaged</li> </ul>
<b>WARNING</b>	<ul style="list-style-type: none"> <li>• Door left open</li> <li>• Food too hot in the cavity</li> <li>• Issue with parameter ady or with temperature measurement</li> </ul>	<ul style="list-style-type: none"> <li>• The cavity temperature has exceeded the set limit, in additional to the signal delay time.</li> <li>• Current running cycle: the cycle continues.</li> </ul>
<b>WARNING</b>	Micro SD memory broken or disconnected	<ul style="list-style-type: none"> <li>• SD card not working. Images or Programs stored on the SD card are lost The chiller can continue to operate.</li> <li>• To restore full functionality Call Service.</li> </ul>

For all the other warning codes not mentioned in the document: Call Service

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### ACCESSORIES & CONSUMABLES

#### Recommended products



#### S01 Stainless Steel Surface Polisher

- ▶ Polish indicated for the care and protection of stainless-steel surfaces.
- ▶ The product leaves a brilliant protective layer that prevents stains for a long time.
- ▶ Recommended Dose: ready-to-use product. Before using S01, it is recommended to clean surfaces with S05.

Code	Quantity
<b>0S2881</b>	Set of 6 pcs x 750 ml



#### S03 Alcohol Base Detergent

- ▶ Cleaner indicated for its hydroalcoholic combination of active ingredients with hygienizing effect that makes it specific for quick and targeted treatment of hard metal, painted, tiled, glass and plastic surfaces.
- ▶ Recommended Dose: ready-to-use product

Code	Quantity
<b>0S2883</b>	Set of 6 pcs x 750 ml



#### S05 Multipurpose Degreaser

- ▶ Able to eliminate stains and oil residues, animal and vegetable fats and various kinds of food residues.
- ▶ S05 is a powerful, controlled foam, degreasing liquid detergent able to remove any stains from washable surfaces.

Code	Quantity
<b>0S3257</b>	Set of 6 pcs x 750 ml



#### Microfiber cloth

- ▶ Suitable for cleaning stainless steel surfaces.

Code	Quantity
<b>0S1779</b>	Pack of 20 pcs

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### Oven grid shelf

- ▶ GN 1/1 oven grill in AISI 304 steel suitable for supporting irregular containers or plates to be heated.

Code	WxDxH (mm)
<b>0S0868</b>	530x325x12



### Pastry grid

- ▶ AISI 304 steel oven grill for bread and pastry making.

Code	WxDxH (mm)
<b>0S1754</b>	600x400x12



### Door gasket BCF 15/25KG

Code	WxD (mm)
<b>083377</b>	666x406 mm



### Door gasket BCF 30KG

Code	WxD (mm)
<b>095985</b>	510,7x478,3 mm



### Door gasket BCF 40KG

Code	WxD (mm)
<b>083397</b>	666,5x736,5 mm



### Door gasket BCF 50KG

Code	WxD (mm)
<b>095986</b>	928x500 mm