

Dishwashers freestanding blower

ETHDE1

Type reference: EBlow



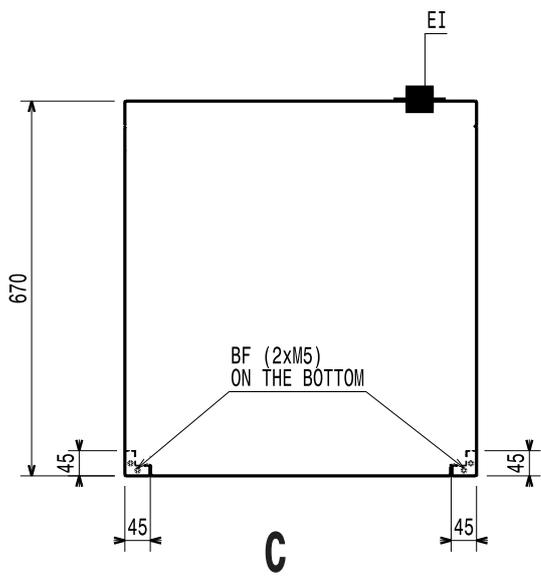
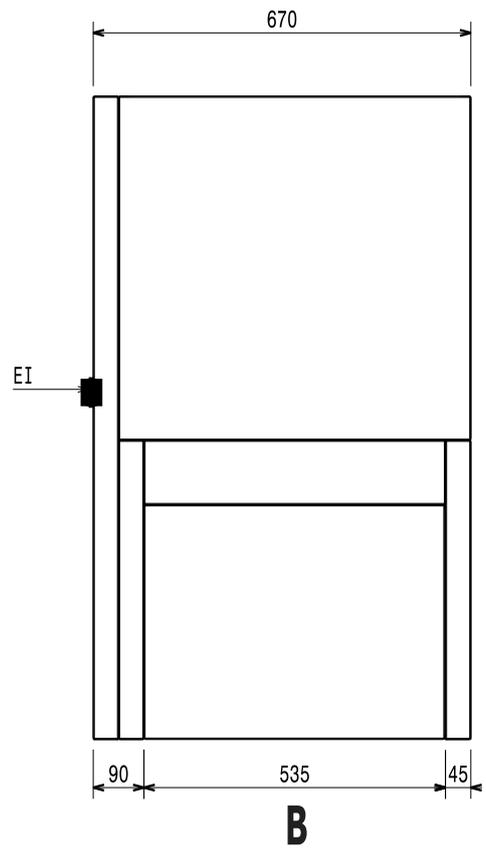
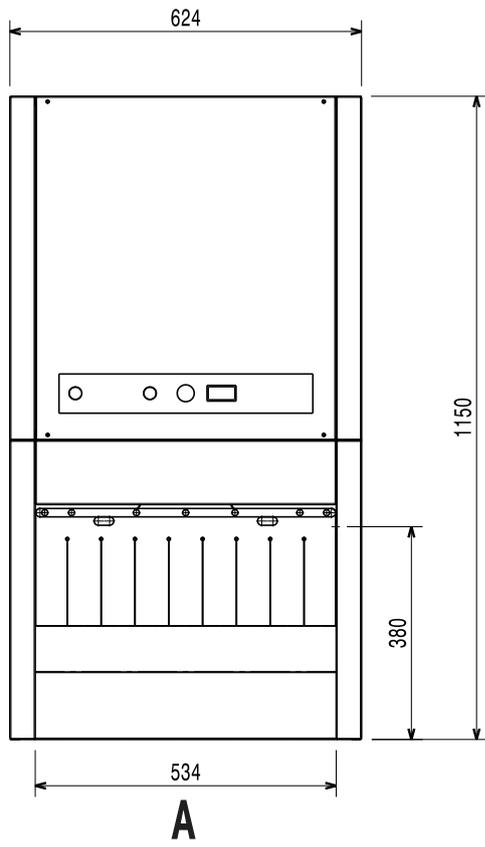
EN Installation and operating manual *



*Original instructions

59566XD01- 2023.06

Installation diagram



A = Front view

B = Side view

C = Top view

EI = Electrical Inlet

Foreword

 Read the following instructions, including the warranty terms before installing and using the appliance.

Visit our website www.electroluxprofessional.com and open the **Support** section to:

-  Register your product
 -  Get hints & tips of your product, service and repair information
-

The installation, use and maintenance manual (hereinafter Manual) provides the user with information necessary for correct and safe use of the appliance.

The following must not be considered a long and exacting list of warnings, but rather a set of instructions suitable for improving appliance performance in every respect and, above all, preventing injury to persons and animals and damage to property due to improper operating procedures.

All persons involved in appliance transport, installation, commissioning, use and maintenance, repair and disassembly must consult and carefully read this manual before carrying out the various operations, in order to avoid wrong and improper actions that could compromise the appliance's integrity or endanger people. Make sure to periodically inform the user regarding the safety regulations. It is also important to instruct and update personnel authorised to operate on the appliance, regarding its use and maintenance.

The manual must be available to operators and carefully kept in the place where the appliance is used, so that it is always at hand for consultation in case of doubts or whenever required.

If, after reading this manual, there are still doubts regarding appliance use, do not hesitate to contact the Manufacturer or the authorised Service Centre to receive prompt and precise assistance for better operation and maximum efficiency of the appliance. During all stages of appliance use, always respect the current regulations on safety, work hygiene and environmental protection. It is the user's responsibility to make sure the appliance is started and operated only in optimum conditions of safety for people, animals and property.



IMPORTANT

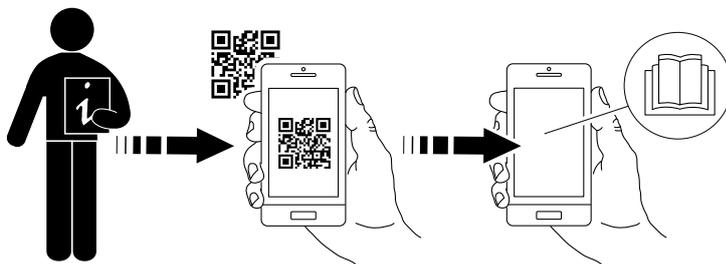
- The manufacturer declines any liability for operations carried out on the appliance without respecting the instructions given in this manual.
- The manufacturer reserves the right to modify the appliances presented in this publication without notice.
- No part of this manual may be reproduced.
- This manual is available in digital format by:
 - contacting the dealer or reference customer care;
 - downloading the latest and up to date manual on the web site www.electroluxprofessional.com;
- The manual must always be kept in an easily accessed place near the appliance. Appliance operators and maintenance personnel must be able to easily find and consult it at any time.

QR Code

Find the QR code identification sticker on the on the first page of this guide or on appliance to access the website and free open data/files (PNC/serial number, video, documentation etc.).

Make sure to have the application for QR code reading on your device and an internet connection.

Scan the QR code to consult the available documents for this appliance.



Contents

A	WARNING AND SAFETY INFORMATION	6
A.1	General information	6
A.2	Personal protection equipment	6
A.3	General safety	7
A.4	Safety signs to be placed on the appliance or near its area	7
A.5	Reasonably foreseeable improper use	8
A.6	Transport, handling and storage	8
A.7	Installation and assembly	8
A.8	Electrical connection	8
A.9	Positioning	9
A.10	Appliance cleaning	9
A.11	Preventive Maintenance	9
A.12	Parts and accessories	9
A.13	Precautions for use and maintenance	9
A.14	Appliance maintenance	9
A.15	Appliance disposal	9
B	WARRANTY TERMS AND EXCLUSIONS	10
C	GENERAL INFORMATION	10
C.1	Introduction	10
C.2	Testing and inspection	10
C.3	Copyright	10
C.4	Keeping the manual	10
C.5	Recipients of the manual	10
C.6	Definitions	10
C.7	Responsibility	11
C.8	Customer packaging checks	11
C.9	Storage	11
D	INSTALLATION AND ASSEMBLY	11
D.1	Introduction	11
D.2	Customer's responsibilities	11
D.3	Unpacking	12
D.4	Unpacking instructions	12
D.5	Disposal of packing	12
D.6	Positioning	12
D.7	Appliance configuration change	12
D.8	Secure dryer to table	13
D.9	Electrical connection	13
D.9.1	Electrical connection for appliances with cable without plug	13
E	NORMAL APPLIANCE USE	14
E.1	Characteristics of personnel enabled to operate on the appliance	14
E.2	Basic requirements for appliance use	14
F	PRODUCT DESCRIPTION	14
F.1	Data plate position	14
F.2	Appliance and manufacturer's identification data	14
F.3	Appliance overview	15
F.4	Control panel description	15
G	TECHNICAL DATA	15
G.1	Main technical characteristic	15
G.2	Characteristics of power supply	15
H	DAILY USE	16
H.1	Introduction	16
H.2	Starting	16
H.3	Operation	17
H.3.1	Stop drying cycle	17
H.4	Standby mode	17
I	DAILY CLEANING	18
I.1	Cleaning introduction	18
I.2	End of service	18
J	MAINTENANCE	19
J.1	Care information	19
J.2	Maintenance intervals	19
K	TROUBLESHOOTING	20
K.1	Introduction	20
K.2	Common faults	20
L	APPLIANCE DISPOSAL	20
L.1	Procedure regarding appliance disposal	20

A WARNING AND SAFETY INFORMATION

A.1 General information

To ensure safe use of the appliance and a proper understanding of the manual it is necessary to be familiar with the terms and typographical conventions used in the documentation. The following symbols are used in the manual to indicate and identify the various types of hazards:

 **WARNING**
Danger for the health and safety of operators.

 **WARNING**
Danger of electrocution - dangerous voltage.

 **CAUTION**
Risk of damage to the appliance or the product.

 **IMPORTANT**
Important instructions or information on the product

 Equipotentiality

 Read the instructions before using the appliance

 Clarifications and explanations

- Only specialised personnel are authorised to operate on the appliance.
- This appliance is intended to be used for commercial applications, for example in kitchens of restaurant, canteens, hospitals. It must be used for drying plates, dishes, glassware, cutlery and similar articles.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children should be supervised to ensure that they do not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Keep all packaging and detergents away from children.
- For your safety do not store or use gasoline or other flammable materials, vapours and liquids in the vicinity of this or any other appliance.
- Do not store explosive substances, such as pressurized containers with flammable propellant, in this appliance.
- Refer to the data given on the appliance's data plate for relations with the Manufacturer (e.g. when ordering spare parts, etc.).
- When scrapping the appliance, the marking CE must be destroyed.
- Save these instructions carefully for further consultation by the various operators.

A.2 Personal protection equipment

Summary table of the Personal Protection Equipment (PPE) to be used during the various stages of the appliance's service life.

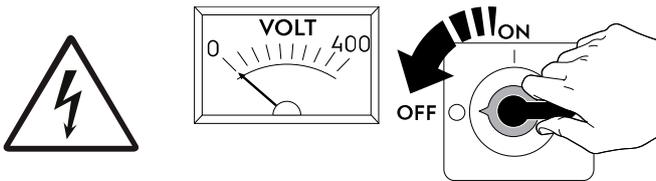
Stage	Protective garments 	Safety footwear 	Gloves 	Glasses 	Safety helmet 
Transport	—	●	○	—	○
Handling	●	●	○	—	—
Unpacking	○	●	○	—	—
Installation	○	●	● ¹	—	—
Normal use	●	●	● ²	○	—
Adjustments	○	●	—	—	—
Routine cleaning	○	●	● ¹⁻³	○	—
Extraordinary cleaning	○	●	● ¹⁻³	○	—

Stage	Protective garments	Safety footwear	Gloves	Glasses	Safety helmet
					
Maintenance	○	●	○	—	—
Dismantling	○	●	○	○	—
Scrapping	○	●	○	○	—
Key:					
●	PPE REQUIRED				
○	PPE AVAILABLE OR TO BE USED IF NECESSARY				
—	PPE NOT REQUIRED				

1. During these operations, gloves must be cut-resistant. Failure to use the personal protection equipment by operators, specialized personnel or users can involve exposure to damage to health (depending on the model).
2. During these operations, gloves must be heatproof and suitable for contact with water and the substances used (refer to the safety data sheet of the substances used for the information regarding the required PPE). Failure to use the personal protection equipment by operators, specialised personnel or users can involve exposure to chemical risk and cause possible damage to health (depending on the model).
3. During these operations, gloves must be suitable for contact with chemical substances used (refer to the safety data sheet of the substances used for information regarding the required PPE). Failure to use the personal protection equipment by operators, specialized personnel or users can involve exposure to chemical risk and cause possible damage to health (depending on the model).

A.3 General safety

- The appliances are provided with electric and/or mechanical safety devices for protecting workers and the appliance itself.
- Never operate the appliance, removing, modifying or tampering with the guards, protection or safety devices.
- Do not make any modifications to the parts supplied with the appliance.
- Several illustrations in the manual show the appliance, or parts of it, without guards or with guards removed. This is purely for explanatory purposes. Do not use the appliance without the guards or with the protection devices deactivated.



Disconnect the appliance from the power supply before carrying out any installation, assembly, cleaning or maintenance procedure.

- Do not remove, tamper with or make illegible the CE marking, the safety, danger and instruction signs and labels on the appliance.
- The A-weighted emission sound pressure level does not exceed 70 dB(A).
- The following operations have to be carried out by specialised authorised personnel or Customer Care Service provided with all the appropriate personal protection equipment (A.2 *Personal protection equipment*), tools, utensils and ancillary means, who can ask the manufacturer to supply a servicing manual:
 - Installation and assembly
 - Positioning
 - Electrical connection
 - Appliance cleaning, repair and extraordinary maintenance
 - Appliance disposal
 - Work on electrical equipment

A.4 Safety signs to be placed on the appliance or near its area

Prohibition	Meaning
	do not oil, lubricate, repair and adjust moving parts
	do not remove the safety devices
	do not use water to extinguish fires (placed on electrical parts)

Danger	Meaning
	caution hot surface
	danger of electrocution (shown on electrical parts with indication of voltage)

A.5 Reasonably foreseeable improper use

Improper use is any use different from that specified in this manual. During appliance operation, other types of work or activities deemed improper and that in general can involve risks for the safety of operators and damage to the appliance are not allowed. Reasonably foreseeable improper use includes:

- lack of appliance maintenance, cleaning and periodical checks;
- structural changes or modifications to the operating logic;
- tampering with the guards or safety devices;
- failure to use personal protection equipment by operators, specialised personnel and maintenance personnel;
- failure to use suitable accessories (e.g. use of unsuitable equipment or ladders);
- keeping combustible or flammable materials, or in any case materials not compatible with or pertinent to the work, near the appliance;
- wrong appliance installation;
- placing in the appliance any objects or things not compatible with its use, or that can damage the appliance, cause injury or pollute the environment;
- climbing on the appliance;
- non-compliance with the requirements for correct appliance use;
- other actions that give rise to risks not eliminable by the Manufacturer.

A.6 Transport, handling and storage

- Transport (i.e. transfer of the appliance from one place to another) and handling (i.e. transfer inside workplaces) must occur with the use of special and adequate means.
- Please refer to indications on packaging for stackability during transport, handling and storage.
- Do not stand under suspended loads during loading or unloading operations. Unauthorized personnel must not enter the work area.
- The weight of the appliance alone is not sufficient to keep it steady.
- For appliance handling, do not lift and anchor it to movable or weak parts such as: casings, electrical raceways, pneumatic parts, etc.
- Do not push or pull the appliance to move it, as it may tip over. Use proper tool to lift the appliance.
- Arrange a suitable area with flat floor for appliance unloading and storage operations.
- Appliance transport, handling, shifting and storage personnel must be adequately instructed and trained regarding the safely use of lifting systems and personal protection equipment suitable for the type of operation carried out.
- When removing the anchoring systems, make sure the stability of the appliance parts does not depend on the anchoring and, therefore, that this operation does not cause the load to fall off the vehicle. Before unloading the appliance components, make sure all the anchoring systems are removed.

A.7 Installation and assembly

- The operations described must be carried out in compliance with the current safety regulations and provisions in force in the country of use.
- Do not install a damaged appliance. Any missing or faulty parts must be replaced with original parts.
- Make sure that the floor where you install the appliance is flat, stable, heat resistant and clean.
- Refer to the **INSTALLATION AND ASSEMBLY** chapter for the instructions how to fix the appliance on the handling system.
- Use a ladder with suitable protection for work on appliances with high accessibility.
- Do not install the appliance over 2000 meters above sea level.
- The appliance is not suitable for installation outdoors and/or in places exposed to atmospheric agents (rain, direct sunlight, etc.).

A.8 Electrical connection

- The power supply system must be suitable for the rated current of the connected appliance; the connection must be carried out in compliance with the regulations and provisions in force in the country of use.
- The information regarding the appliance power supply voltage and frequency is given on the data plate.
- If the power cable is damaged or too short, it must be replaced by the Customer Care Service or in any case by specialised personnel, in order to prevent any risk.
- The manufacturer declines any liability for damage or injury resulting from breach of the above rules or non-compliance with the electrical safety regulations in force in the country where the appliance is used.
- The appliance must be correctly earthed.



NOTE!

The manufacturer is not responsible for the consequences of an inadequate earthing system.

- In accordance with the wiring rules, it must be incorporated in the fixed supply cord a high sensitive device for disconnection from the mains power supply having a contact separation in all poles. This device must provide a full disconnection under overvoltage category III.
- To protect the power supply of the appliance against short circuits and/or overloads, install a thermal fuse or a suitable automatic thermal magnetic circuit breaker, ADS (Automatic Disconnection of Supply).
- If present, connected the appliance to the equipotential protection circuit ∇ .
- For protection against indirect contacts (depending on the type of supply provided for and connection of earths to the equipotential protection circuit ∇) refer to point 6.3.3 of EN 60204-1 (IEC 60204-1) with the use of protection devices that ensure automatic cut-off of the supply in case of isolation fault in the TN or TT systems or, for IT systems, the use of isolation controllers or differential current protection devices to activate automatic power disconnection (an isolation controller must be provided for indicating a possible first earth fault of a live part, unless a protection device is supplied for switching off the power in case of a such a fault. This device must activate an acoustic and/or visual signal which must continue for the entire duration of the fault). For example: in a TT system, a residual current device with cut-in current (e.g. 30 mA) coordinated with the earthing system of the building where the appliance is located must be installed ahead of the supply.

A.9 Positioning

- Install the appliances, taking all the safety precautions required for this type of operation, also respecting the relevant fire-prevention measures.

A.10 Appliance cleaning

- Do not touch the appliance with wet hands or feet or when barefoot.
- Use a ladder with suitable protection for work on appliances with high accessibility.
- Put the appliance in safe conditions before starting any cleaning operation.
- Respect the requirements for the various routine and extraordinary maintenance operations. Non-compliance with the instructions can create risks for personnel.
- Do not spray water or use water jets, steam cleaner or high pressure cleaner.

A.11 Preventive Maintenance

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

A.12 Parts and accessories

Use only original accessories and/or spare parts. Failure to use original accessories and/or spare parts will invalidate the original manufacturer warranty and may render the appliance not compliant with the safety standard.

A.13 Precautions for use and maintenance

- Risks mainly of a mechanical, thermal and electrical nature exist in the appliance. Where possible the risks have been neutralised:
 - directly, by means of adequate design solutions.
 - indirectly by using guards, protection and safety devices.
- Any anomalous situations are signalled on the control panel display.
- During maintenance several risks remain, as these could not be eliminated, and must be neutralised by adopting specific measures and precautions.
- Do not carry out any checking, cleaning, repair or maintenance operations on moving parts. Workers must be informed of this prohibition by means of clearly visible signs.
- Make sure to periodically check correct operation of all the safety devices and the insulation of electrical cables, which must be replaced if damaged.
- In case of a significant anomaly (e.g. short circuits, wires coming out of the terminal block, motor breakdowns, worn electrical cable sheathing, etc.) the operator for normal appliance use must:
 - immediately disconnect the appliance from main power supply.
 - if present, close the appliance water supply by shutting off the water.

A.14 Appliance maintenance

- The inspection and maintenance intervals depend on the actual appliance operating conditions and ambient conditions (presence of dust, damp, etc.), therefore precise time intervals cannot be given. In any case, careful and periodical appliance maintenance is advisable in order to minimise service interruptions.
- It is advisable to stipulate a preventive and scheduled maintenance contract with the Customer Care Service.
- Put the appliance in safe conditions before starting any maintenance operation.
- To guarantee appliance efficiency and correct operation, periodical maintenance must be carried out according to the instructions given in the manual.

A.15 Appliance disposal

- Make the appliance unusable by removing the power cable and any compartment closing devices, to prevent the possibility of someone becoming trapped inside.

B WARRANTY TERMS AND EXCLUSIONS

If the purchase of this product includes warranty coverage, warranty is provided in line with local regulations and subject to the product being installed and used for the purposes as designed, and as described within the appropriate equipment documentation.

Warranty will be applicable where the customer has used only genuine spare parts and has performed maintenance in accordance with Electrolux Professional user and maintenance documentation made available in paper or electronic format.

Electrolux Professional strongly recommends using Electrolux Professional approved cleaning, rinse and descaling agents to obtain optimal results and maintain product efficiency over time.

The Electrolux Professional warranty does not cover:

- service trips cost to deliver and pick up the product;
- installation;
- training on how to use/operate;
- replacement (and/or supply) of wear and tear parts unless resulting from defects in materials or workmanship reported within one (1) week from the failure;
- correction of external wiring;
- correction of unauthorized repairs as well as any damages, failures and inefficiencies caused by and/or resulting from:
 - insufficient and/or abnormal capacity of the electrical systems (current/voltage/frequency, including spikes and/or outages);
 - inadequate or interrupted water supply, steam, air, gas (including impurities and/or other that does not comply with the technical requirements for each appliance);
 - plumbing parts, components or consumable cleaning products that are not approved by the manufacturer;

- customer's negligence, misuse, abuse and/or non-compliance with the use and care instructions detailed within the appropriate equipment documentation;
 - improper or poor: installation, repair, maintenance (including tampering, modifications and repairs carried out by third parties not authorized) and modification of safety systems;
 - Use of non-original components (e. g.: consumables, wear and tear, or spare parts);
 - environment conditions provoking thermal (e. g. overheating/freezing) or chemical (e. g. corrosion/oxidation) stress;
 - foreign objects placed in- or connected to- the product;
 - accidents or force majeure;
 - transportation and handling, including scratches, dents, chips, and/or other damage to the finish of the product, unless such damage results from defects in materials or workmanship and is reported within one (1) week of delivery unless otherwise agreed;
- product with original serial numbers that have been removed, altered or cannot be readily determined;
 - replacement of light bulbs, filters or any consumable parts;
 - any accessories and software not approved or specified by Electrolux Professional.

Electrolux Professional warranty will be void and manufacturer shall have no liability related thereto in case of any modification of the product or related hardware/software/programming.

Warranty does not include scheduled maintenance activities (including the parts required for it) or the supply of cleaning agents unless specifically covered within any local agreement, subject to local terms and conditions.

Check on Electrolux Professional website the list of authorized customer care.

C GENERAL INFORMATION

C.1 Introduction

This manual contains information relevant to various appliances. The product images in this guide are only an example.

The drawings and diagrams given in the manual are not in scale. They supplement the written information with an outline, but are not intended to be a detailed representation of the appliance supplied.

The numerical values given on the appliance installation diagrams refer to measurements in millimeters and/or inches.

C.2 Testing and inspection

Our appliances have been designed and optimized, with laboratory testing, in order to obtain high performance and efficiency.

The appliance is shipped ready for use.

Passing of the tests (visual inspection - electrical test - functional test) is guaranteed and certified by the specific enclosures.

C.3 Copyright

This manual is intended solely for consultation by the operator and can only be given to third parties with the permission of Electrolux Professional company.

C.4 Keeping the manual

The manual must be carefully kept for the entire life of the appliance, until scrapping. The manual must stay with the appliance in case of transfer, sale, hire, granting of use or leasing.

C.5 Recipients of the manual

This manual is intended for:

- the carrier and handling personnel;
- installation and commissioning personnel;
- the employer of appliance users and the workplace manager;
- operators for normal appliance use;
- specialised personnel - Customer Care service (see service manual).

C.6 Definitions

Listed below are the definitions of the main terms used in the manual. It is advisable to read them carefully before use.

Operator	appliance installation, adjustment, use, maintenance, cleaning, repair and transport personnel.
Manufacturer	Electrolux Professional SpA or any other service centre authorised by Electrolux Professional SpA.
Operator for normal appliance use	an operator who has been informed and trained regarding the tasks and hazards involved in normal appliance use.

Customer Care service or specialised personnel	an operator instructed/trained by the Manufacturer and who, based on his professional and specific training, experience and knowledge of the accident-prevention regulations, is able to appraise the operations to be carried out on the appliance and recognise and prevent any risks. His professionalism covers the mechanical, electrotechnical and electronics fields etc.
Danger	source of possible injury or harm to health.
Hazardous situation	any situation where an operator is exposed to one or more hazards.
Risk	a combination of probabilities and risks of injury or harm to health in a hazardous situation.
Protection devices	safety measures consisting of the use of specific technical means (guards and safety devices) for protecting operators against risks.
Guard	an element of a appliance used in a specific way to provide protection by means of a physical barrier.
Safety device	a device (other than a guard) that eliminates or reduces the risk; it can be used alone or in combination with a guard.
Customer	the person who purchased the appliance and/or who manages and uses it (e. g. company, entrepreneur, firm).
Electrocution	an accidental discharge of electric current on a human body.
Emergency stop device	a group of components intended for the emergency stop function; the device is activated with a single action and prevents or reduces damage to persons/appliances/property/animals.

C.7 Responsibility

The Manufacturer declines any liability for damage and malfunctioning caused by:

- non-compliance with the instructions contained in this manual;
- repairs not carried out in a workmanlike fashion, and replacements with parts different from those specified in the spare parts catalogue (the fitting and use of non-original spare parts and accessories can negatively affect appliance operation and invalidates the original manufacturer warranty);
- operations carried out by non-specialised personnel;
- unauthorized modifications or operations;
- missing, lack or inadequate maintenance;

- improper appliance use;
- unforeseeable extraordinary events;
- use of the appliance by uninformed and / or untrained personnel;
- non-application of the current provisions in the country of use, concerning safety, hygiene and health in the workplace.

The Manufacturer declines any liability for damage caused by arbitrary modifications and conversions carried out by the user or the Customer.

The employer, workplace manager or service technician are responsible for identifying and choosing adequate and suitable personal protection equipment to be worn by operators, in compliance with regulations in force in the country of use.

The Manufacturer declines any liability for inaccuracies contained in the manual, if due to printing or translation errors.

Any supplements to the installation, use and maintenance manual the Customer receives from the Manufacturer will form an integral part of the manual and therefore must be kept together with it.

C.8 Customer packaging checks

- The forwarder is responsible for the goods during transport and delivery.
- Make a complaint to the forwarder in case of visible or hidden damage.
- Specify any damage or shortages on the dispatch note.
- The driver must sign the dispatch note: the forwarder can reject the claim if the dispatch note is not signed (the forwarder can provide the necessary form).
- For hidden damage or shortages becoming apparent only after unpacking, request the forwarder for inspection of the goods within and no later than 15 days after delivery.

After packaging checks

1. Remove the packaging.
Take care when unpacking and handling of the appliance to not cause any shocks on itself.
2. Keep all the documentation contained in the packaging.

C.9 Storage

The appliance and/or its parts must be stored and protected from damp, in a non-aggressive place, free of vibrations and with room temperatures between -10°C [14°F] and 50°C [122°F].

The place where the appliance is stored must:

- can take the appliance load,
- have a flat support surface to avoid deforming the appliance or damage to the support feet.

D INSTALLATION AND ASSEMBLY

D.1 Introduction



WARNING

Refer to “**WARNING AND SAFETY INFORMATION**”.

To ensure correct operation of the appliance and maintain safe conditions during use, carefully follow the instructions given in this chapter.

Check and, if necessary, level the appliance after positioning. Incorrect levelling can cause appliance malfunctioning.

D.2 Customer's responsibilities

The tasks and works required of the Customer are:

- check the floor planarity on which the appliance is placed;
- arrange an earthed power socket of suitable capacity for the input specified on the data plate;

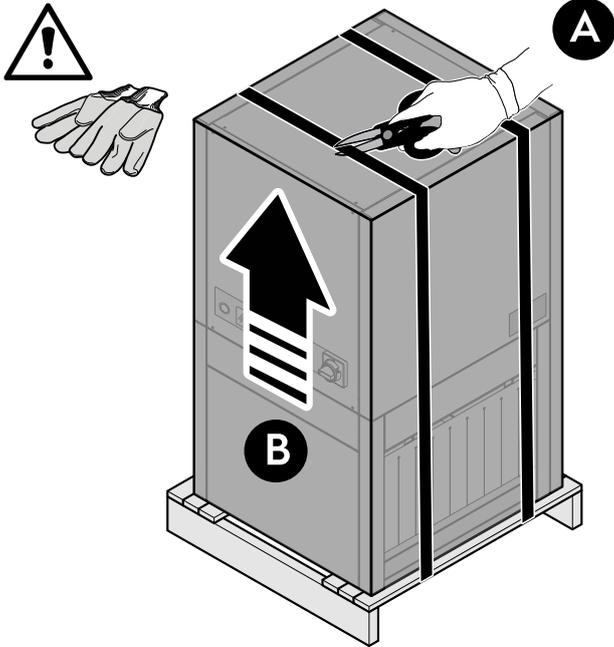
- installation of an adequate electrical power supply ahead of the appliance, according to the equipment's technical specifications (Main technical characteristic and Characteristics of power supply);
- if present, the equipotential connection ∇ of the workplace electrical system to the metal structure of the appliance by means of a copper cable of adequate section;
- if present, the water supply and drain connections and other connections as indicated in the technical data table and in the installation diagram;
- arrangement of general workplace lighting to guarantee at least 500 lx according to point 5.2.2 of EN 12464-1 or according to a value established by the current regulations in the country of use;



NOTE!

For information regarding the electrical connection, refer to “A.8 *Electrical connection*”.

D.3 Unpacking



D.4 Unpacking instructions

Unpack the appliance carrying out the following operations:

- if present, cut the straps and remove the protective film, taking care not to scratch the surface if scissors or blades are used;
- if present, remove the cardboard top, the polystyrene corners and the vertical protection pieces;
- for appliances with stainless steel surfaces, remove the protective film very slowly without tearing it, to avoid leaving glue stuck to the surface;
- should this happen, remove the traces of glue with a non-corrosive solvent, rinsing it off and drying thoroughly;
- it is advisable to go over all the stainless steel surfaces with a rag soaked in paraffin oil in order to create a protective film.

D.5 Disposal of packing

		WOOD
Paper	Plastic	

D.6 Positioning

Unless otherwise agreed, the drying tunnel is supplied in a single unit.

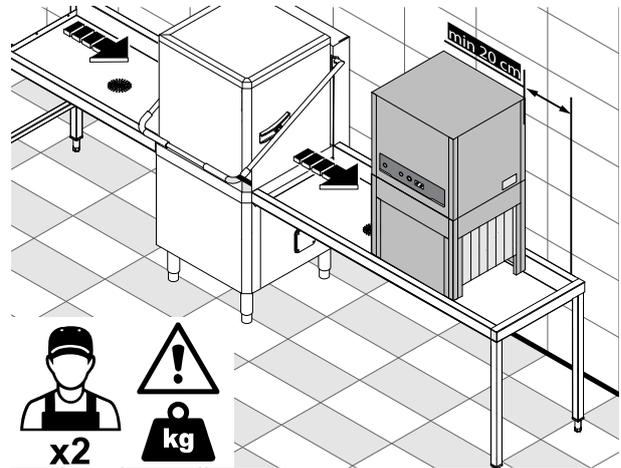
The drying tunnel must be taken to the place of installation and the packing base removed only when being installed.

Position the drying tunnel in the required place.

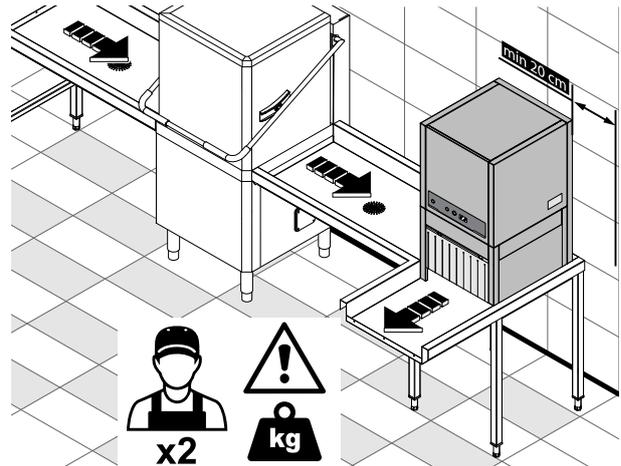


NOTE!

Make sure to leave a space of minimum 20 cm on right sides for dataplate consulting.



Pass through



Corner

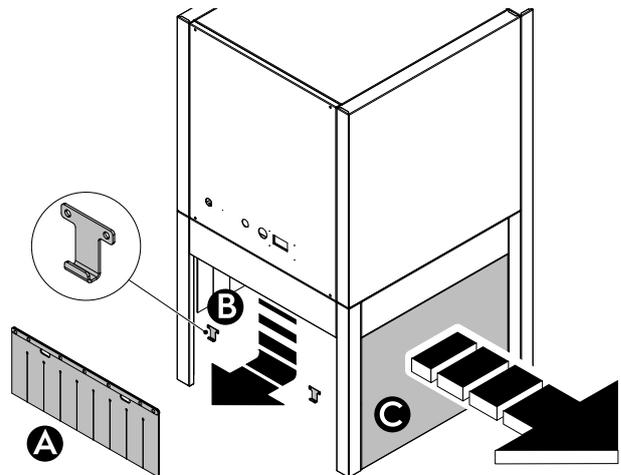
D.7 Appliance configuration change

By factory default the appliance is delivered with corner configuration.

Follow the below instructions, to change current configuration to pass through one.

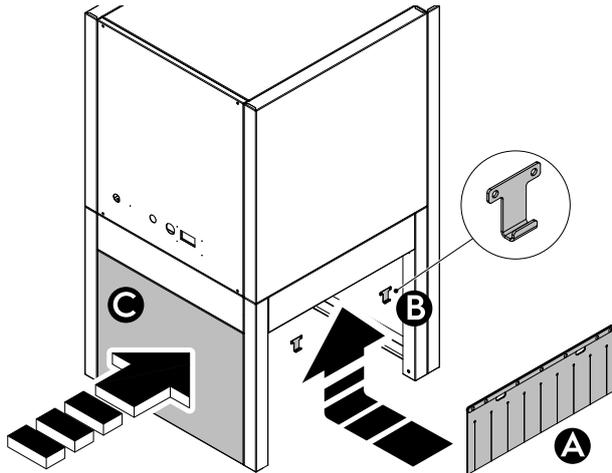
1. Remove:

- front curtain **A**;
- curtain hooks **B**;
- side panel **C**.



2. Refit in the new position:

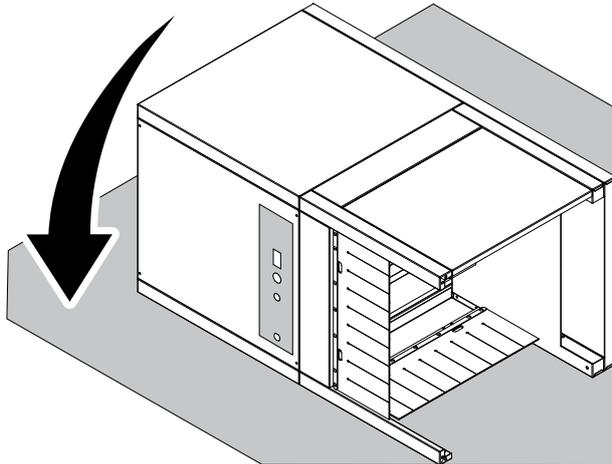
- curtain hooks **B**;
- front curtain **A**;
- side panel **C**.



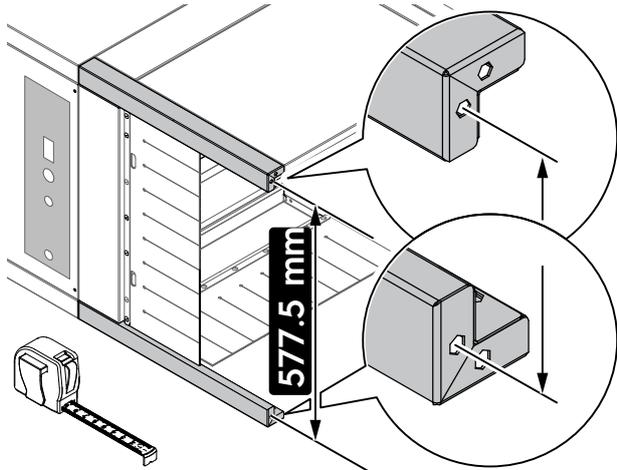
D.8 Secure dryer to table

To complete the installation, it is necessary to secure the appliance to the table.

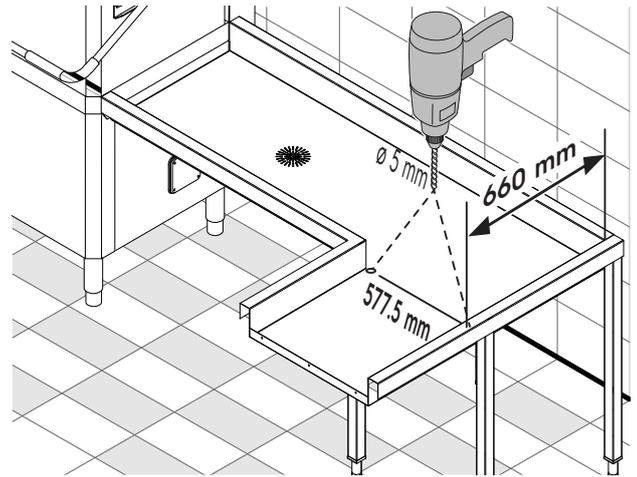
1. Lay on a side the appliance.



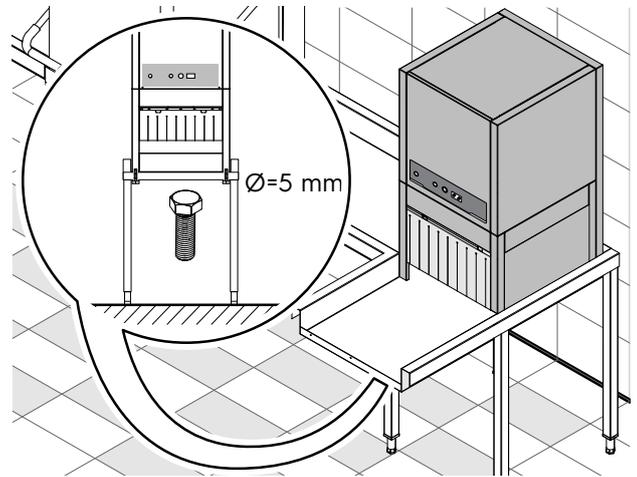
2. Measure the distance between the front feet.



3. Make 2 holes (\varnothing 5 mm) on the table where you want to place the appliance.
Respect the distances shown in the figure below.



4. Place the appliance on the table by matching the holes just made with the front feet (see following figure).
Secure the appliance with the table using 2 screws (\varnothing 5 mm).



D.9 Electrical connection

The appliance is supplied without a plug. Connect the terminals to the power supply.



IMPORTANT

This appliance can be connected only to a supply with maximum system impedance no more than 0.24 Ω .

In case necessary, please consult your supply authority for system impedance information.

D.9.1 Electrical connection for appliances with cable without plug

- The connection point has an efficient earth contact and the mains voltage and frequency match that given on the data plate. In case of doubts regarding the efficiency of the earth wire, have the system checked by specialised personnel.
- The appliance must be permanently connected to the power supply, respecting the polarities:
 - brown/black
 - yellow/green: earth
 - blue: neutral
- In accordance with the wiring rules, it must be incorporated in the fixed supply cord a high sensitive device for disconnection from the mains power supply having a contact separation in all poles. This device must provide a full disconnection under overvoltage category III.

E NORMAL APPLIANCE USE

E.1 Characteristics of personnel enabled to operate on the appliance

The Customer must make sure the personnel for normal appliance use are adequately trained and skilled in their duties. The operator must:

- read and understand the manual;
- receive adequate training and instruction for their duties in order to operate safely;
- receive specific training for correct appliance use.



IMPORTANT

The Customer must make sure his personnel have understood the instructions received and in particular those regarding work hygiene and safety in use of the appliance.

E.2 Basic requirements for appliance use

- Knowledge of the technology and specific experience in operating the appliance.
- Adequate general basic education and technical knowledge for reading and understanding the contents of the manual, including correct interpretation of the drawings, signs and pictograms.
- Sufficient technical knowledge for safely performing his duties as specified in the manual.
- Knowledge of the regulations on work hygiene and safety.

F PRODUCT DESCRIPTION

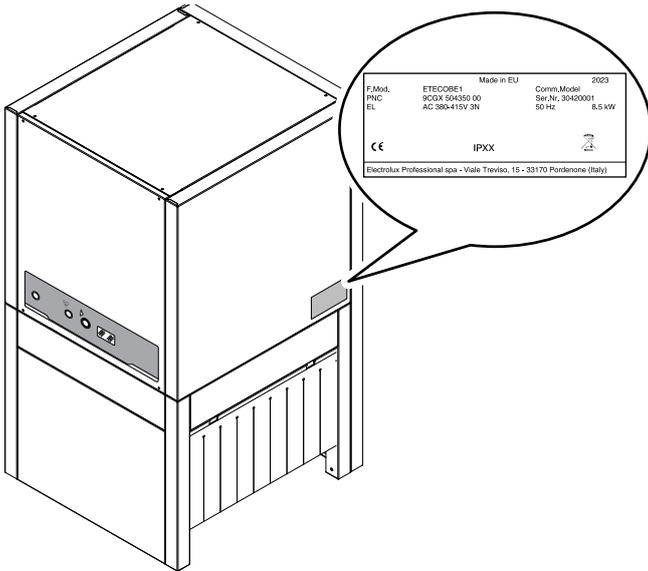
F.1 Data plate position

The data plate is located on the right side panel of the equipment.



IMPORTANT

Refer to the data given on the appliance's data plate for relations with the Customer Care service or the Manufacturer.



F.2 Appliance and manufacturer's identification data

The data plate gives the product identification and technical data.

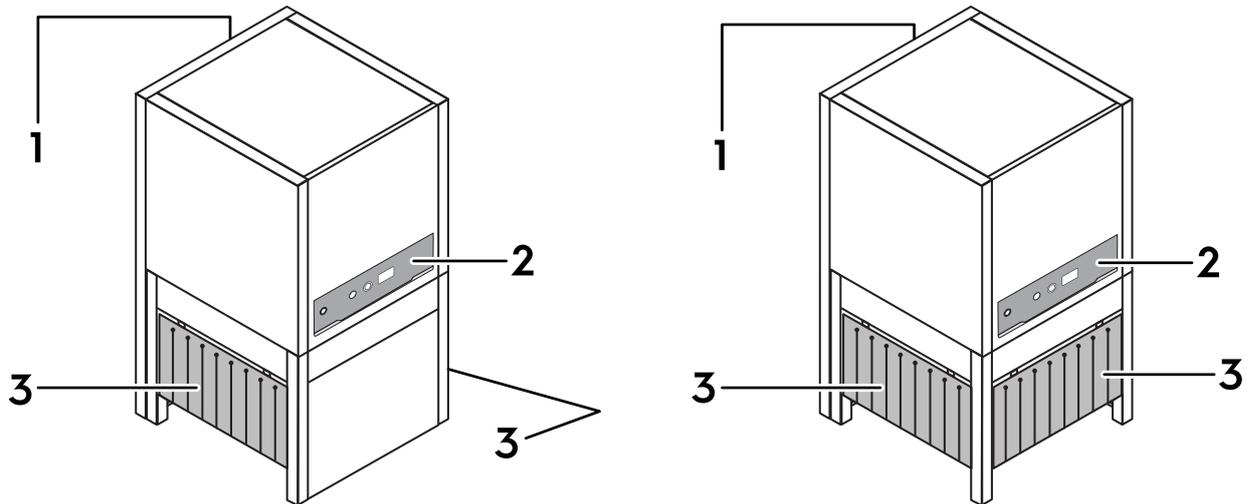
An example of the marking or data plate on the appliance is given below:

F.Mod.		ETHDE1	Made in EU	2023
PNC		9CGX 504350 00	Comm.Model	Ser.Nr. 30420001
EL		AC 380-415V 3N	50 Hz	8.5 kW
			Type ref.	EBlow
CE				WEEE
Electrolux Professional spa - Viale Treviso, 15 - 33170 Pordenone (Italy)				

The meaning of the various information given on it is listed below:

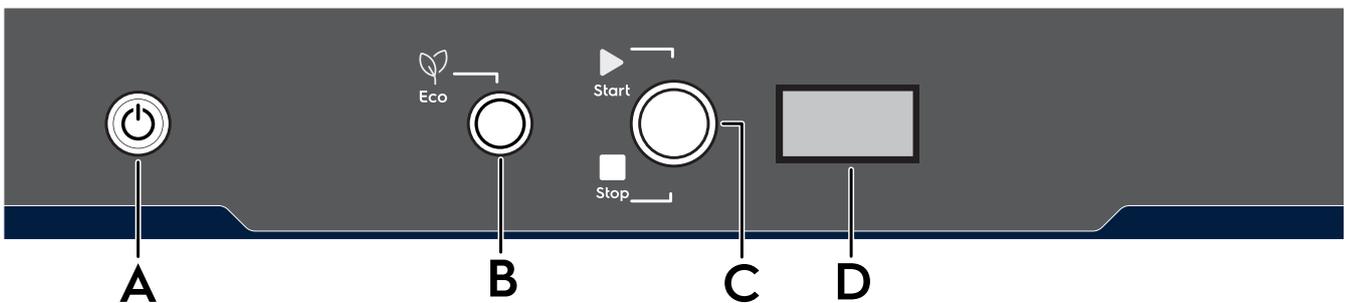
F.Mod.	factory description of product
Comm.Mod.	commercial description
PNC	production number code
Ser.No.	serial number
Type ref.	certification group of the appliance
V	power supply voltage
Hz	power supply frequency
kW	power input
WEEE symbol	WEEE symbol
IPX	dust and water protection rating

F.3 Appliance overview



1	Electrical Inlet
2	Control panel
3	Curtains

F.4 Control panel description



A	ON/OFF button.
B	ECO drying button. When the ECO cycle is selected, around the button a green ring is lit up.
C	Start/Stop button <ul style="list-style-type: none"> • Press this button to start the drying cycle. • Press this button for 5 seconds to stop and already started drying cycle.
D	Display

G TECHNICAL DATA

G.1 Main technical characteristic

Power supply		Electric
Power supply voltage	V	380-415V 3N~
Frequency	Hz	50/60
Max. power. absorbed	kW	8.5
Max. air temperature	°C	50
Air flow	m ³ /h	600
Max. productivity	racks/h	27
Legal noise level Leq	dB(A)	LpA:61dB - KpA:1.5dB ¹

1. The noise emission values have been obtained according to EN ISO 11204.

G.2 Characteristics of power supply

The AC power supply to the machine must meet the following conditions:

- max. voltage variation $\pm 6\%$
- max. frequency variation $\pm 1\%$ continuous $\pm 2\%$ for a short period.

Harmonic distortion, unbalanced three-phase supply voltage, voltage pulses, interruption, dips and the other electric characteristics must respect the provisions of point 4.3.2 of Standard EN 60204-1 (IEC 60204-1).

H DAILY USE

H.1 Introduction

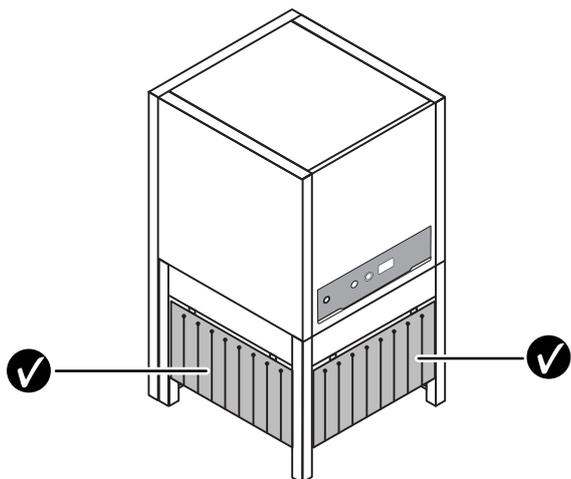
In order to get the best drying results, we suggest to complete your dishwashing system with dishwashers, handling systems, dedicated accessories and chemicals by Electrolux Professional. Please refer to our website for more info.



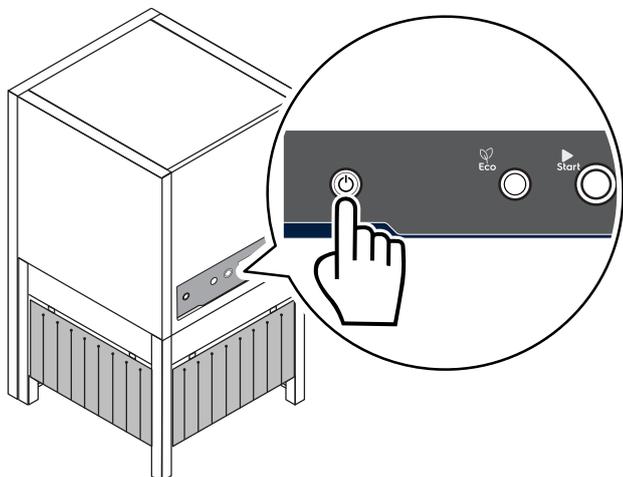
NOTE!
Different working or environment conditions can affect drying results.

H.2 Starting

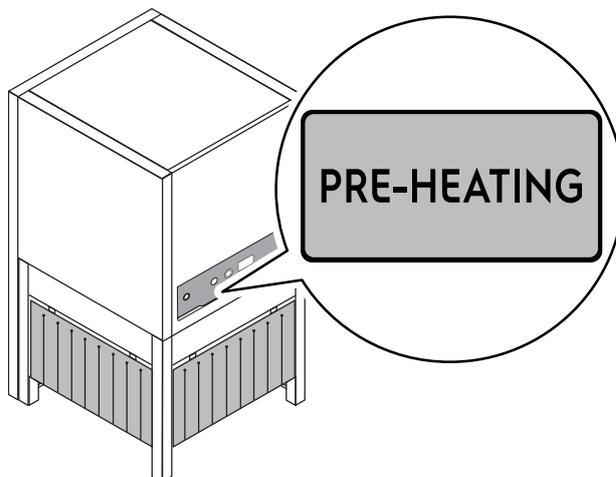
- Check that the curtains are in their correct position.



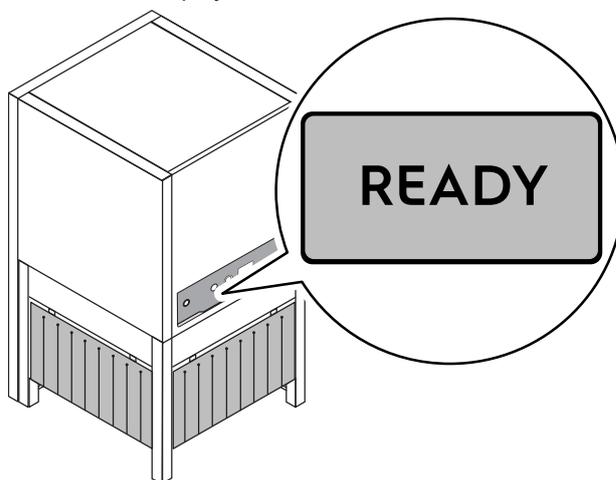
- To switch the appliance on, press ON/OFF button (refer to chapter F.4 *Control panel description*).



- The appliance starts the warming phase and the display shows:



- At the end of the warming phase the appliance is ready to work and the display shows:



- Press the "ECO" button (refer to chapter F.4 *Control panel description*) to activate the "ECO" drying cycle.



NOTE!
By default the appliance starts with standard drying cycle.

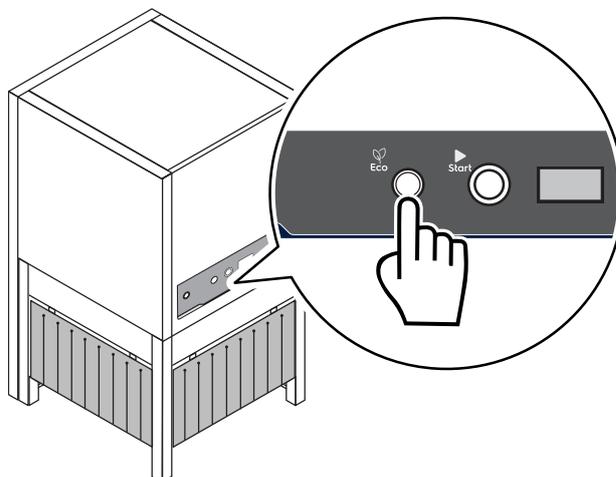
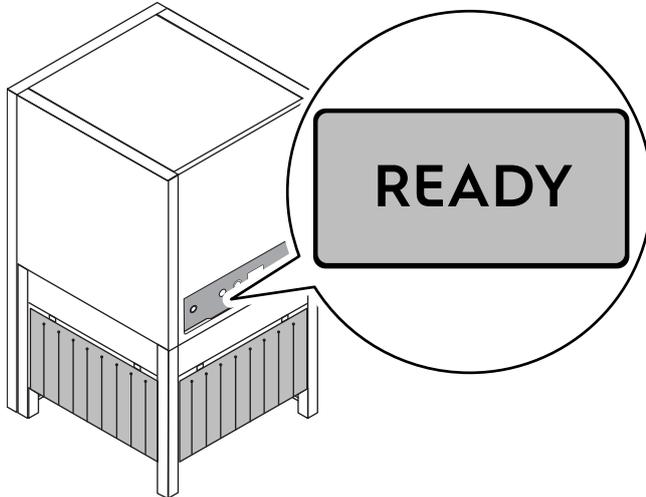


Table cycle duration

Drying cycle	Duration
Standard drying cycle	130 sec
 ECO drying cycle	175 sec

H.3 Operation

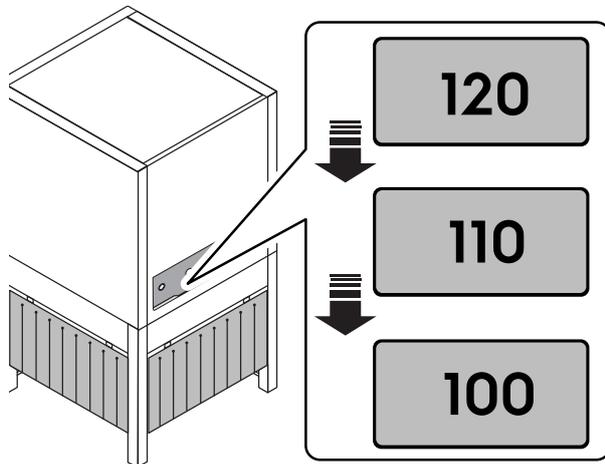
The appliance is ready for use when the display shows the message:



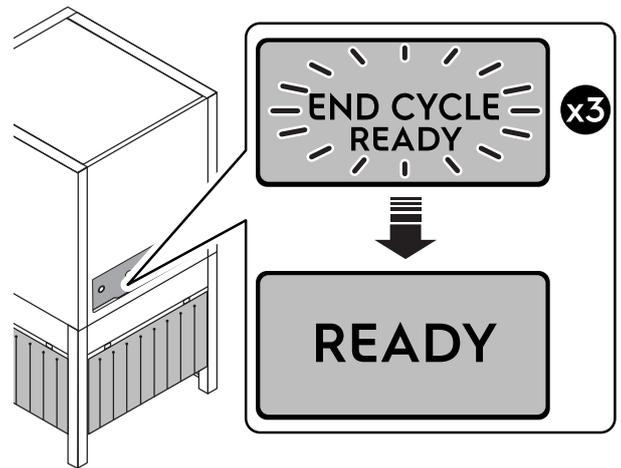
- Remove the rack from the dishwasher and move it into dryer, carefully.
- Press the START button “C” to start the drying programme (refer to chapter F.4 Control panel description).



- The display shows the countdown of the drying cycle.



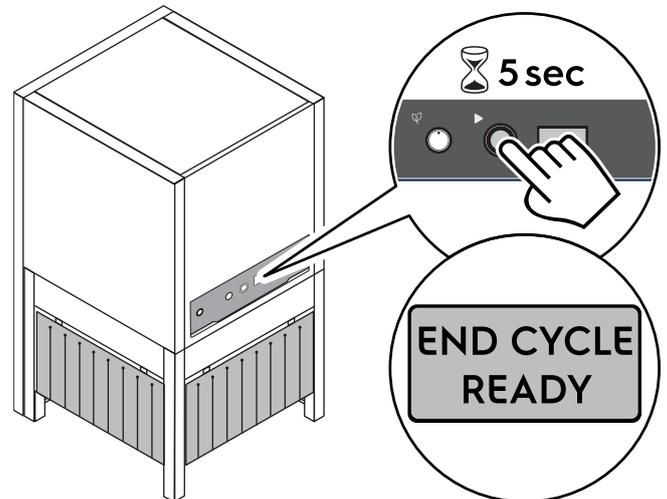
- At the end of the drying cycle, the “END” message blinks for 3 times on the display then the display shows READY.



H.3.1 Stop drying cycle

Press the START button for 5 seconds to stop an already started drying cycle.

The display shows the below message.



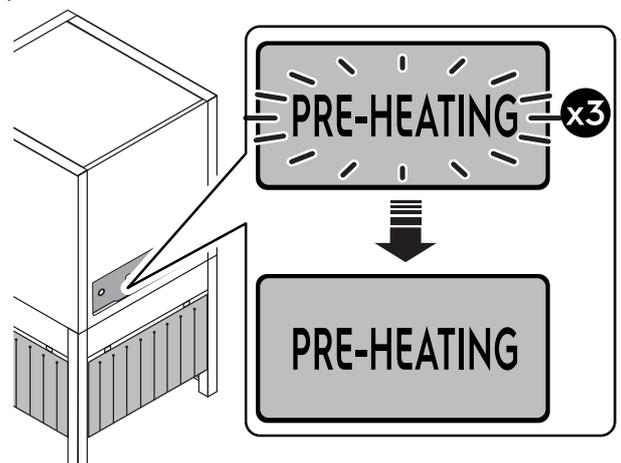
H.4 Standby mode

After 15 minutes of inactivity, the appliance enters in standby mode to save energy.

When you activate again the appliance, the warming phase starts to allow the equipment to reach the working temperature.

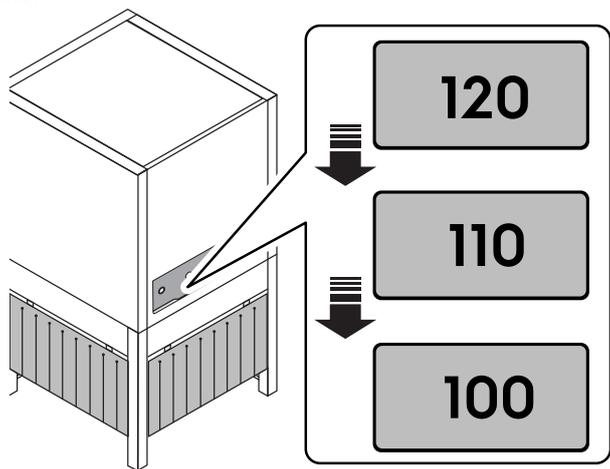
During this phase, the display shows these messages:

- “PRE-HEATING” blinking for 3 times;
- “PRE-HEATING” remains fixed until the end of the warming phase.

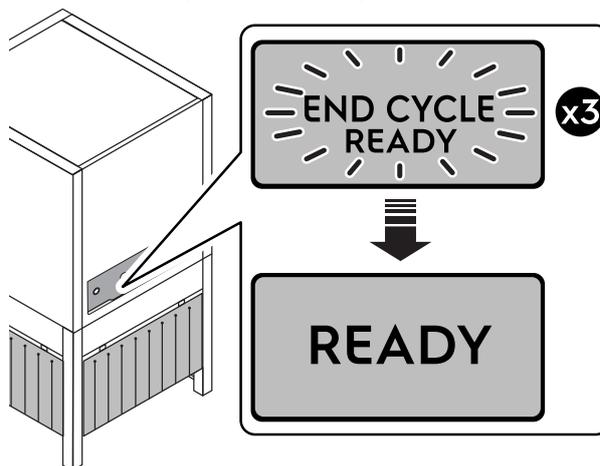


When the equipment reaches the working temperature, the drying cycle starts.

In the display appears the countdown of the remaining drying time.



At the end of the drying cycle, the “END” message blinks for 3 times on the display then the display shows **READY**.



I DAILY CLEANING



WARNING

Refer to “*WARNING AND SAFETY INFORMATION*”.

I.1 Cleaning introduction

In order to reduce the environmental impact of pollutants it is advisable to clean the appliance (externally and, where necessary, internally) with products that are more than 90% biodegradable.

Use lukewarm water, a neutral detergent/cleaner if necessary, and a soft brush or sponge. If another type of detergent is used, carefully follow the producer's instructions and observe the safety rules given in the information sheets provided with the product or substance.

Rinse and dry thoroughly.



CAUTION

- Do not use solvent-based detergents (e. g. trichloro-ethylene) or abrasive powders for cleaning.
- Do not use steel brushes, steel wool, copper cloths, sand-based or similar products for cleaning.



WARNING

When using chemicals, comply with the safety notes and dosage recommendations printed on the packaging. Refer to the chapter *A.2 Personal protection equipment* for handling chemical products.

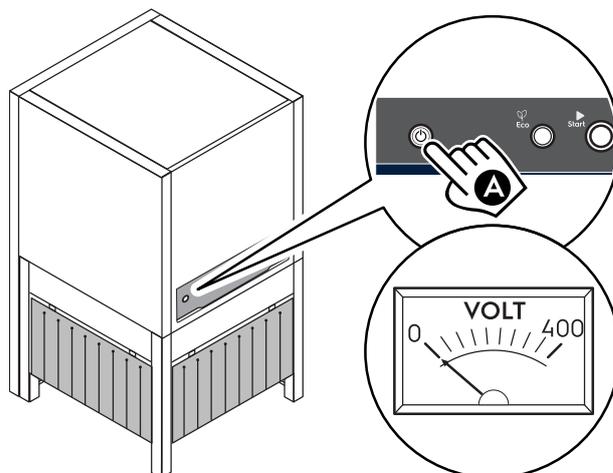
I.2 End of service



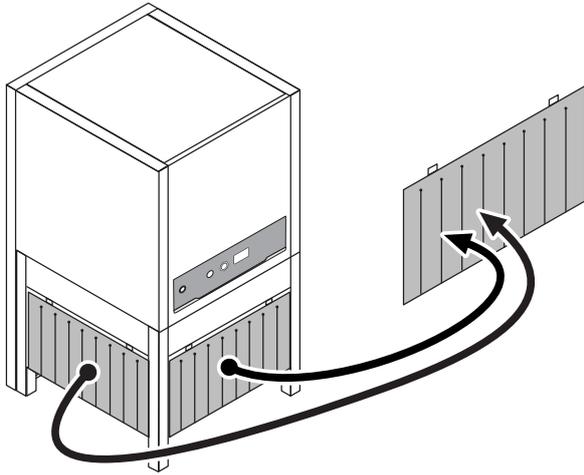
WARNING

Refer to “*WARNING AND SAFETY INFORMATION*”.

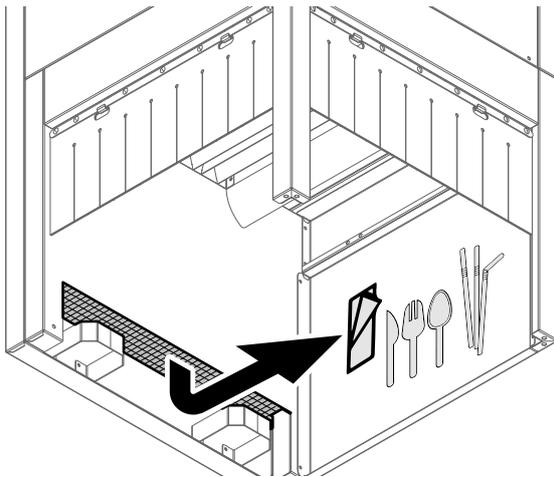
- Press ON/OFF button to switch the appliance off (refer to chapter *F.4 Control panel description*).
- Disconnect the appliance from the main power supply.



C. Remove the curtains.

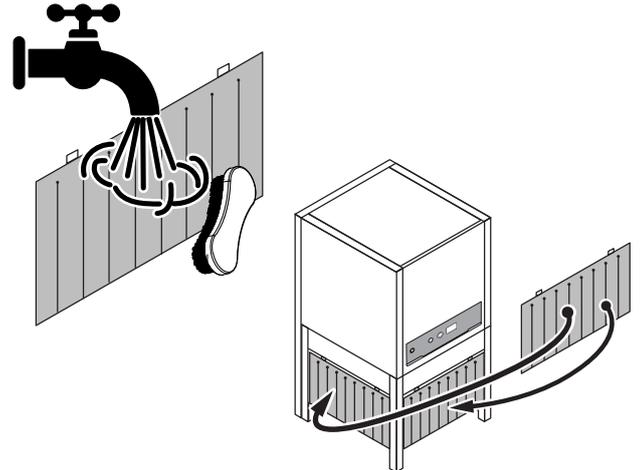


D. Check the air intake filter and remove any objects present.



E. Carefully clean them with hot water and neutral detergent. For better result use a brush with a plastic bristles and a sponge.

At the end of cleaning operations, refit all the items previously removed.



J MAINTENANCE



WARNING

Refer to “WARNING AND SAFETY INFORMATION”.



IMPORTANT

Problems resulting from poor or lack of care as hereinafter described will not be covered by the warranty.

J.1 Care information

Care operations have to be carried out by the owner and/or user of the appliance.

J.2 Maintenance intervals

It is advisable to carry out the checks with the frequency given in the following table:

Maintenance, inspections, checks and cleaning	Frequency	Responsibility
Ordinary cleaning • general cleaning of appliance and surrounding area	• Daily	• Operator
Mechanical protection devices • check their condition and for any deformation, loosening or removed parts	• Every 6 months	• Service
Mechanical parts • check the mechanical parts, for cracks or deformations, tightening of screws: check the readability and condition of words, stickers and symbols and restore if necessary	• Yearly	• Service
Appliance structure • tightening of main bolts (screws, fixing systems, etc.) of appliance	• Yearly	• Service

Maintenance, inspections, checks and cleaning	Frequency	Responsability
Safety signs • check the readability and condition of safety signs	• Yearly	• Service
Electrical control panel • check the electrical components installed inside the electrical control panel. Check the wiring between the electrical panel and appliance parts	• Yearly	• Service
Electrical connection cable • check the connection cable (replace if necessary)	• Yearly	• Service
General appliance overhaul • check all components, electrical equipment, corrosion	Every 10 years ¹	• Service

1. The appliance is designed and built for a duration of about 10 years. After this period of time (from commissioning) the appliance must undergo a general inspection and overhaul.

K TROUBLESHOOTING

K.1 Introduction

Certain faults may occur during normal use of the appliance. In some cases, faults can be eliminated easily and quickly by following the indication below.

The display, if present, always shows a warning message or alarm describing the occurring fault.

If the fault persists, contact the Customer Care Service:

1. Disconnect the appliance from the main power supply;
2. Switch off the safety circuit breaker ahead of the appliance;

3. Close the gas and water tap(s), if they are present;
4. Remember to specify:
 - the type of fault
 - the appliance PNC (product number code)
 - the Ser. No. (appliance serial number).



IMPORTANT

The appliance PNC and serial number are essential for identifying the type of appliance and date of manufacture.

K.2 Common faults

Anomaly	Type of anomaly	Possible causes	Actions
The appliance does not start	Blocking	The appliance is not connected to the main power supply.	Check if the appliance main switch is in ON position.
The items are not dried properly.	Loss of performance.	The appliance heating element does not work.	Call service centre.
		The appliance fan does not work.	Call service centre.

L APPLIANCE DISPOSAL



WARNING

Refer to “**WARNING AND SAFETY INFORMATION**”.

L.1 Procedure regarding appliance disposal

At the end of the product's life-cycle, make sure it is not dispersed in the environment.

Different regulations are in force in the various countries, therefore comply with the provisions of the laws and competent bodies in the country where appliance disposal takes place.

Before disposing of the appliance, make sure to carefully check its physical condition, and in particular any parts of the structure that can give or break during dismantling.



The symbol on the product indicates that this product should not be treated as domestic waste, but must be correctly disposed of in order to prevent any negative consequences for the environment and human health. For further information on the recycling of this product, contact the local dealer or agent, the Customer Care service or the local body responsible for waste disposal.



NOTE!

When dismantling the appliance, any marking, this manual and other documents concerning the appliance must be destroyed.

CE