TRANSLATION OF THE ORIGINAL INSTRUCTIONS

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SMEG thanks you for choosing one of its products.

This manual is an integral part of the appliance. Take good care of it and keep it to hand throughout the appliance's life cycle, since it contains important information about assembly, safety, use and maintenance.

In the event that the appliance is sold on, consign this manual to the new owner.

Before putting the appliance into operation, read all the instructions in this manual carefully to become familiar with the right conditions for the proper use of your professional dishwasher.

1 PRODUCT IDENTIFICATION

1.1 Application, general functions and intended use

This dishwasher is intended for professional use in the restaurant and institutional catering sector and complies with the relevant safety regulations. However, misuse may cause injury and/or damage, and therefore the dishwasher must only be used by suitably trained staff.

This dishwasher is designed for use in non-mobile premises and is intended only for washing cutlery and dishes (plates, ovenware, cups, glasses, bowls, etc.) stable at the temperature and humidity generated by the appliance. Any other type of use is not permitted and may be dangerous.

Persons whose physical, sensory or mental capabilities, inexperience or lack of knowledge render them unable to use the dishwasher safely must not use it without the supervision and guidance of a responsible person.

The manufacturer is not liable for any injury or damage caused by failure to comply with the instructions given in this manual, misuse, tampering with even a single part of the appliance, or the use of non-genuine spare parts.

1.2 Name and address of manufacturer or distributor

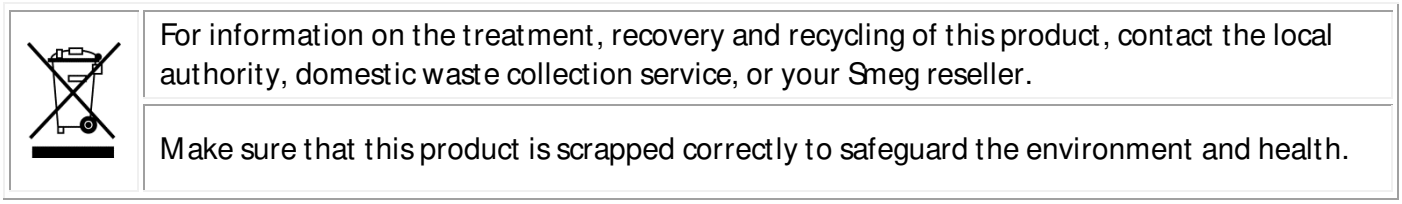
Smeg S.p.A.

Via Leonardo da Vinci, 4 - 42016 Guastalla (RE) Tel. +39 0522 8211 - Fax + 39 0522 821453
Internet: www.smegfoodservice.com, email: foodservice@smeg.it
Our Sales Department staff will be able to provide you with information about prices and special offers. Our After-Sales Department will be able to provide you with guidance about keeping your device functioning correctly and put you in touch with your nearest authorised Service Centre. Our entire product offering can be viewed at our website.

1.3 Declaration of conformity to product standards

This appliance complies with the relevant safety regulations and conforms to the requirements of directives 2006/42/EC and 2004/108/EC.

The dishwasher is also marked in compliance with European Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE).

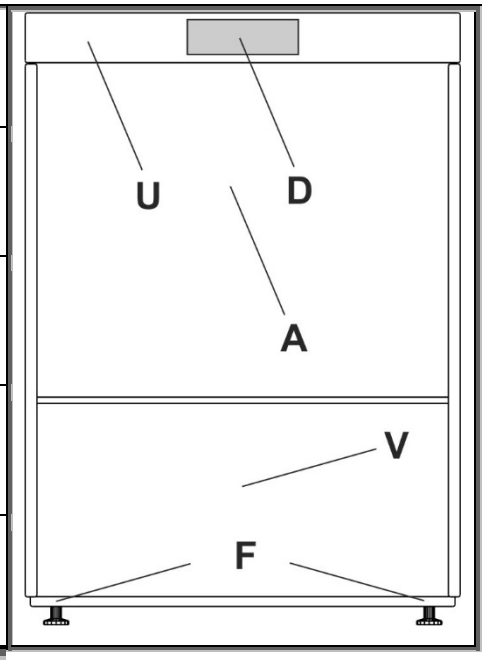


For information on the treatment, recovery and recycling of this product, contact the local authority, domestic waste collection service, or your Smeg reseller.

Make sure that this product is scrapped correctly to safeguard the environment and health.

1.4 Description of the appliance

U	COVER (TOP)
D	DISPLAY AND CONTROL PANEL
A	FRONT LOADING/ UNLOADING DOOR
V	SERVICE COMPARTMENT
F	ADJUSTABLE FEET



2 SYMBOLS USED IN THE MANUAL

	This symbol instructs the user to read the instructions in the manual with care.
	This symbol appears next to information important for the safety of people and the appliance.
	This symbol is applied to some parts which contain live electrical components and indicates the risk of electric shock.
	This symbol is applied close to the terminal for the connection of an external equipotential conductor.
	This symbol appears next to important information. Read the instructions provided with care and comply with the procedures and rules described.
	This symbol appears next to information and technical instructions intended for the qualified staff who are to install, commission and test the appliance and carry out any repairs.
	This symbol indicates that at the end of its working life, the appliance must be consigned to a disposal plant for recovery and recycling in accordance with the relevant legislation in the country of installation. Contact a specialist centre for disposal.

3 SAFETY PRECAUTIONS AND INSTRUCTIONS

The precautions and instructions below contain important information and must be read with care. The manufacturer does not accept responsibility for damage caused by failure to comply with the safety precautions and instructions.

3.1 Correct installation

- The dishwasher must be installed by an authorised technician.
- When handling and installing the dishwasher, always wear the most suitable personal protection equipment (PPE) for the task in hand.
- Do not install a dishwasher which has been damaged during transport. If in doubt, consult your dealer.
- If the power supply cable is damaged, do not run the dishwasher.
- Do not install the dishwasher in areas subject to freezing temperatures or in atmospheres with explosion risk (ATEX).
- Any accessories may only be installed on the appliance if authorised by the manufacturer.
- Do not install the dishwasher next to appliances which irradiate strong heat (e.g. gas burners, stoves, etc.) since they could cause damage.
- If the dishwasher is installed above the ground, make sure that the stand and dishwasher are secured properly and do not constitute a hazard.
- Electrical safety is only ensured if the dishwasher is connected to an earth conductor compliant with the relevant electrical regulations. If in doubt, have the system inspected by a qualified electrician.
- A circuit breaker and overcurrent protection device (magnetothermal switch or fuses) must be installed in an easily accessible position on the dishwasher's power supply line. This device must only serve the dishwasher and must be suitable for its rated electrical characteristics.
- Do not connect the dishwasher to the electrical mains by means of adapters or extensions, since they do not guarantee the safety required.
- If the dishwasher is connected to the electrical mains by means of a plug, it must be of the same type as the power socket, suitable for the appliance's rated electrical characteristics and compliant with the relevant national regulations on electrical systems. The power plug must be easily accessible after the appliance has been installed.
- Only use new hoses for connection to the water supply. Old hoses or hoses salvaged from previous installations must not be used.
- The drain connection must be made in accordance with the relevant national regulations. Substandard connections may cause flowback and in some cases pollution.
- If the machine is not installed in a recess, ask the manufacturer for the special mounting kit in order to make it stable.

3.2 Safe use

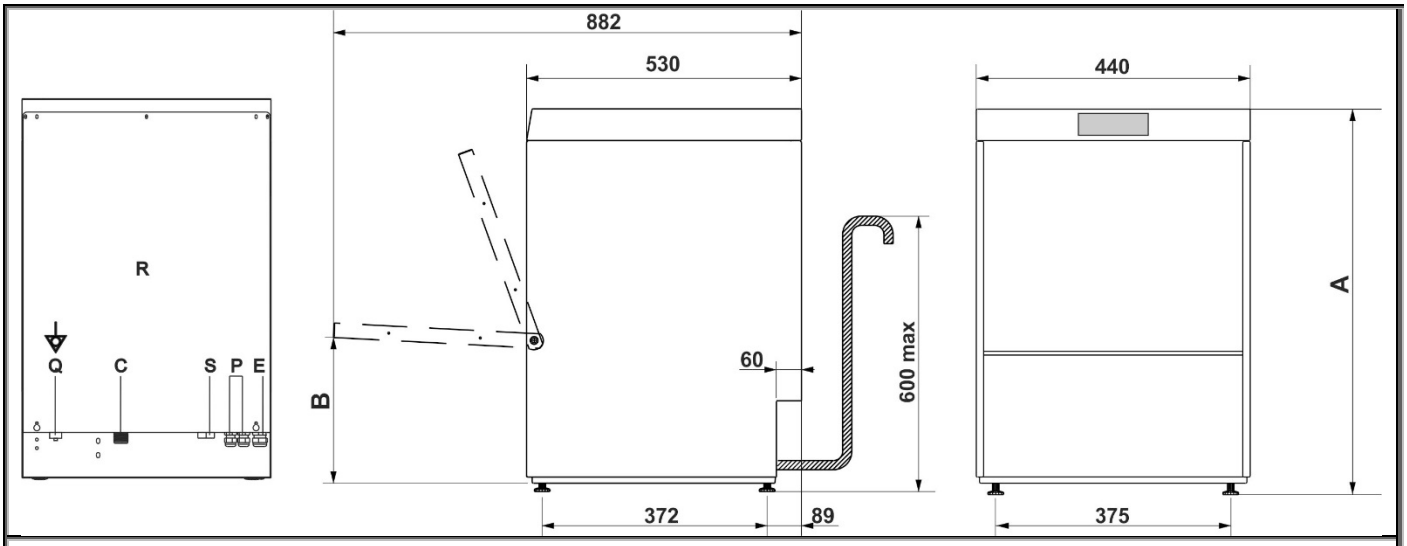
- The staff assigned to use the dishwasher must be suitably trained and instructed.
- The appliance is not suitable for use by juveniles or persons with reduced physical, sensorial or mental capacities, or those without the necessary knowledge and experience. Such persons may only use the appliance under the supervision of a person responsible for their safety.
- Do not leave the dishwasher door open. Risk of tripping or injury against the edges of the door.
- Do not sit or lean on the open door. This may tip over or damage the appliance.
- The water inside the dishwasher is not drinkable.
- Do not use the dishwasher for washing or soaking foods.
- Do not use the water inside the dishwasher for defrosting foods, even if they are in airtight containers.
- When using the dishwasher, remember that the plates are very hot at the end of a wash cycle.
- Take care when opening the door as you might be splashed with water.
- When the door is opened, splashed of hot water may come out.
- Knives and pointed kitchen equipment must be placed in the basket with their tips downwards, or horizontally, taking care not to allow them to protrude from the basket
- The dishwasher is only intended for use with water and detergents suitable for washing in professional dishwashers. The use of other products may damage both the dishes and the appliance.
- Do not operate the dishwasher with organic solvents or flammable liquids. Never load dishes dirty with ash, wax or paint.
- When handling detergents comply strictly with the instructions provided by the detergent producer.
- Always keep the detergent safety datasheets within reach so that the operator can consult them easily if necessary.
- Swallowing or inhaling detergents may cause serious injury to the nose, mouth and throat. If detergent has been inhaled or swallowed, seek medical advice immediately.
- When the door is opened, splashed of hot water may come out.
- It is recommended to use baskets that are intact and not damaged by wear or tampering. The plastic runners of the baskets, if present, must not be removed, damaged, modified or tampered with.

3.3 Correct maintenance

- Do not clean the machine with a water jet machine, high-pressure or steam cleaners.
- Before performing any maintenance procedure on the appliance disconnect it from the mains electricity supply. Touching live electrical components, even accidentally, may be very dangerous.
- Never open the dishwasher's case. Electric shock hazard. Only the authorised technician may access the internal parts of the dishwasher.
- The dishwasher may only be repaired by the authorised service organisation. Substandard repairs may cause damage or danger for the user.
- No alterations or changes of any kind to the appliance's electrical circuits or mechanical structure are permitted. The manufacturer declines all responsibility for damage arising from unauthorised alterations.
- Replace any faulty parts only with genuine spare parts. The manufacturer declines all liability for damage resulting from the use of non-genuine spare parts.
- The power supply cable, if fitted, must be replaced by the manufacturer or an authorised service centre in accordance with the technical data specified on the wiring diagram supplied with the appliance, to prevent all risks.

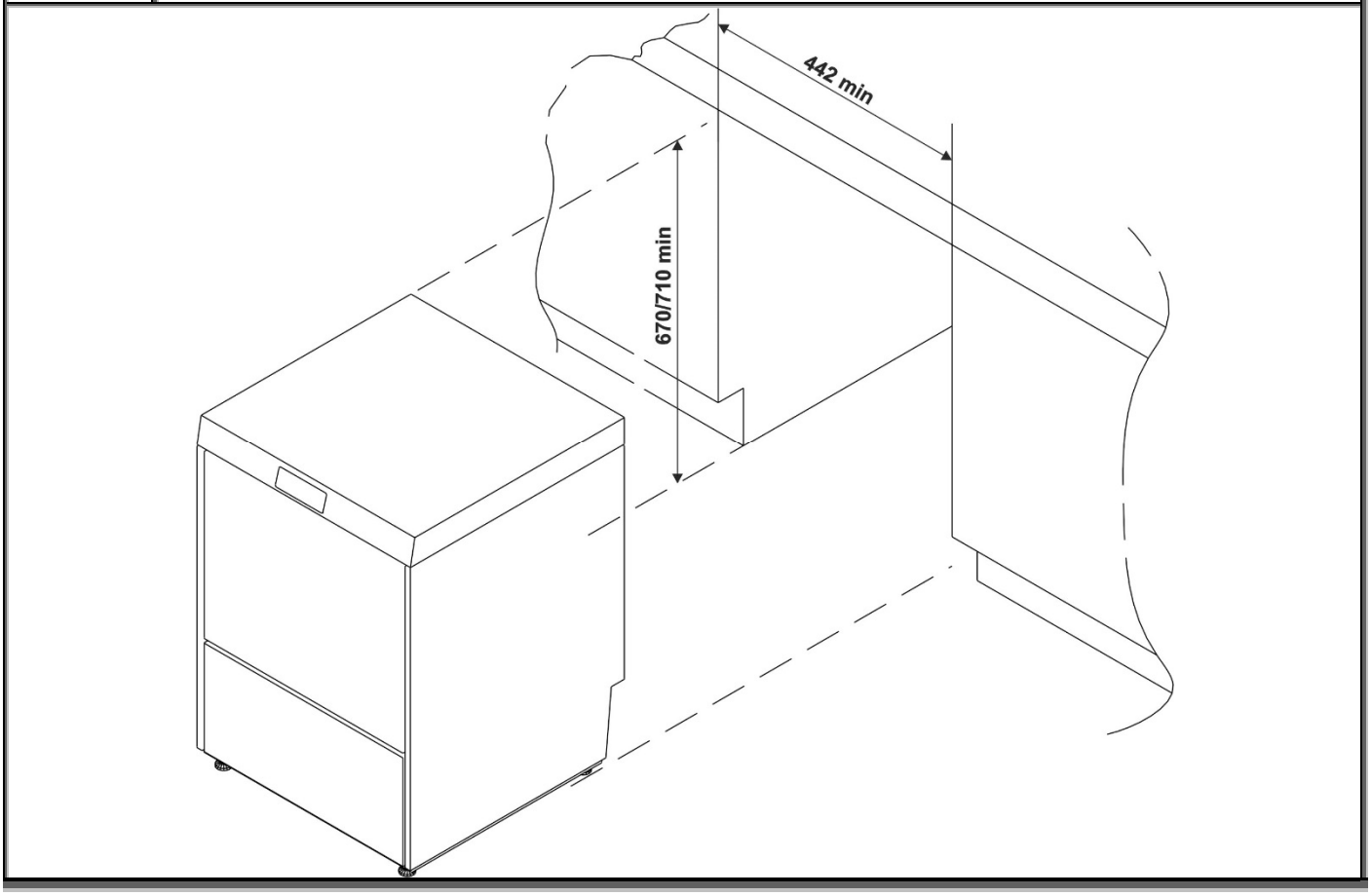
4 PRODUCT CHARACTERISTICS

4.1 Overall dimensions for built-under installation



Dimension "A": min 670 / 710 – Dimension "B": 209 / 249

R	LOWER BACK PANEL	E	ELECTRICITY SUPPLY CABLE
C	FILLER HOSE	P	PERISTALTIC HOSES
Q ⏚	EARTH TERMINAL	S	DRAIN HOSE
T	EXTERNAL DISPENSER POWER CABLE ENTRY POINT		



4.2 Technical characteristics

Electricity supply	-	See technical data plate and electrical wiring diagram supplied with the appliance
Intake water pressure	-	
Intake water temperature	-	
Use	-	Indoor
Max. working altitude	m	2000
Working ambient temperature	°C	10 - 35
Relative humidity		80% for temperatures up to 25°C with linear decrease to 50% at the temperature of 35°C
Intake water hardness (models with softener)	°f/°d/ppm	≤ 60/≤ 34/≤ 600
Intake water hardness (models without softener)	°f/°d/ppm	≤ 3/≤ 5/≤ 30
Water intake flow rate (models with rinsing pump)	L/min	min 6
Water intake flow rate (models without rinsing pump)	L/min	min 12
Intake hose connection	-	threaded 3/4 “
Drain minimum diameter	mm	25
Drain height (above appliance installation surface)	mm	max 600
Rinse cycle water consumption	L	2.3
Boiler capacity	L	4
Tank capacity	L	8
Noise level	LpA	< 60 dB(A)
Degree of protection	IPX	4
Net weight	kg	~ 42
Power supply cable type	◄HAR►	H07RN-F

5 PREPARING THE APPLIANCE FOR USE

Convey the dishwasher to the installation site, remove the packaging and check the appliance and components for damage; any damage found must be reported to the transporter in writing. The packaging components (plastic bags, expanded polystyrene, nails, etc.) must not be left within reach of children and pets since they are potentially dangerous. All packaging materials used are environment-friendly. They can be kept without constituting any hazard, or may be disposed of at a specialist waste disposal centre. The plastic components suitable for recycling are marked as follows:

PE - polyethylene: external packaging film, bag containing the instructions, protective bags.
PP - polypropylene: straps used to close the packaging.
PS - expanded polystyrene: corner guards, top of packaging.

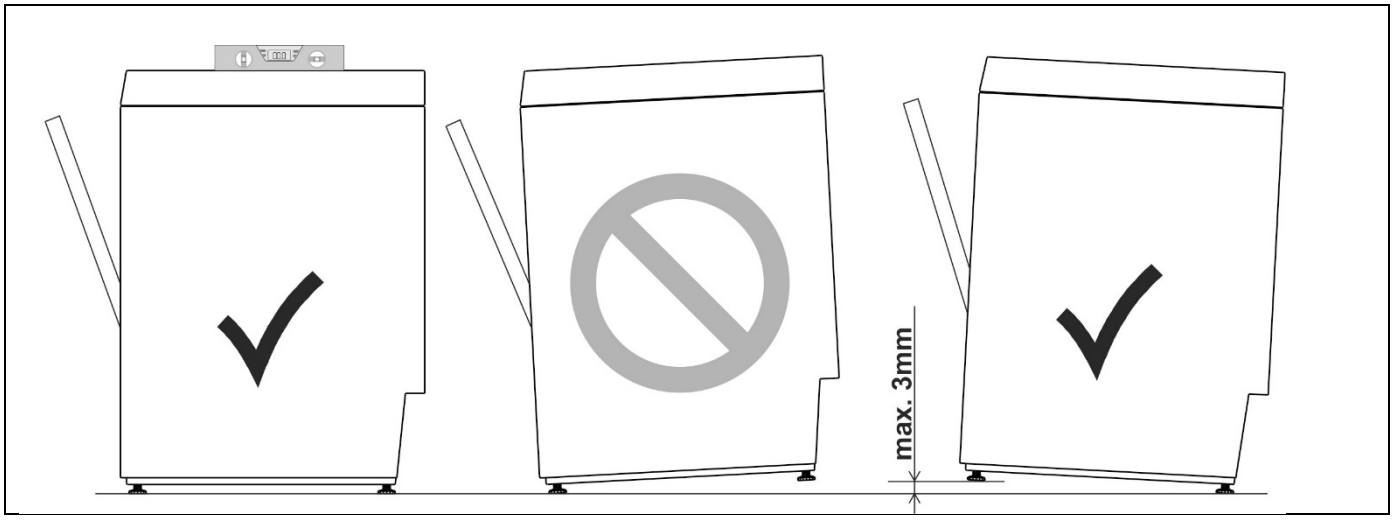
Wooden and cardboard components can be disposed of in accordance with the local regulations.

	All operations described in this section must be carried out and/or checked by the qualified staff who install and commission the dishwasher.

5.1 Positioning and installation

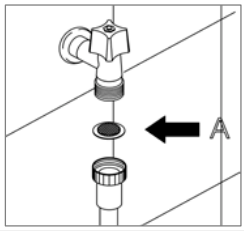
Place the dishwasher in the chosen point and remove the protective film. Level the dishwasher (with the aid of a spirit level) on its four feet, adjusting them to ensure that it is stable. If the dishwasher is installed above the ground, make sure that the stand and dishwasher are secured properly and do not constitute a hazard.

	The systems and premises in which the dishwasher is installed must comply with the relevant regulations.
	If the dishwasher is installed next to another appliance, also check the recommendations provided by the manufacturer of the adjacent appliance.
	Installations other than those described must first be approved by the manufacturer.
	Use only professional furnishings and units in the vicinity of the dishwasher. Any other types of furnishing may be damaged.



5.2 Connection to the water supply

Check that the intake water pressure, flow rate and temperature are as stated in the dishwasher's technical characteristics. If the dynamic pressure exceeds the limit stated in the technical characteristics, a pressure reducer must be installed. If the pressure is lower, it might be necessary to fit a special pump to ensure optimal performance. Connect the water intake hose to a connector with ¾" gas threaded fitting, inserting the filter "A" provided. The tap must be easily accessible after installation of the appliance.



Only use new hoses for connection to the water supply. Old hoses or hoses salvaged from previous installations must not be used.

If the water supply system has been unused for a long time or if work has been done on it, before connecting the appliance's intake hose run the water to flush the air and dirt from the pipes.

FOR MODELS WITH A WATER SOFTENER
An "approved" double check valve or some other no less effective device providing backflow prevention protection to at least fluid category two shall be fitted at the point of connection between the water supply and the fitting or appliance.
FOR MODELS WITHOUT A WATER SOFTENER
An "approved" single check valve or some other no less effective device providing backflow prevention protection to at least fluid category two shall be fitted at the point of connection between the water supply and the fitting or appliance.

5.3 Drain connection

The dishwasher is fitted with a drain pump and can operate with drain connections on the floor or wall. Before connecting the hose, check that the diameter and height of the wall drain connection are as stated in the dishwasher's technical characteristics. When connecting the dishwasher's drain hose, take care to avoid kinks, sharp bends or crushing. Since the drain water temperature can be very high, the end of the drain hose must be fixed to the drain connection using the hose clamps provided.

The drain connection must be made in accordance with the relevant national regulations. Substandard connections may cause flowback and in some cases pollution.

No extensions must be added to the drain hose supplied with the appliance. Any extensions might cause drainage problems.

5.4 Connection to the electricity supply

The dishwasher must be connected to the electrical system by authorised, skilled staff, in accordance with the relevant regulations. Also comply with the technical instructions for the connection provided with the appliance. The dishwasher's rated electrical characteristics are provided on its technical data plate. A circuit breaker with contact gap rated for category II overvoltage and an overcurrent protection device (magnetothermal switch or fuses) must be installed in an easily accessible position on the dishwasher's power supply line. These devices must only serve the dishwasher and must be suitable for its rated electrical characteristics. The electrical protection devices must undergo a functional test before the dishwasher is put into operation. If the dishwasher is connected to the electrical mains by means of a plug, it must be of the same type as the power socket, suitable for the appliance's rated electrical characteristics and compliant with the relevant national regulations. The power plug must be easily accessible after the appliance has been installed.

	Electrical safety is only ensured if the dishwasher is connected to an earth conductor compliant with the relevant electrical regulations. If in doubt, have the system inspected by a qualified electrician.
	Do not connect the dishwasher to the electrical mains by means of adapters or extensions, since they may cause dangerous overheating.
	Connect the appliance to the earth system. The earth connection terminal is low down on the back of the appliance and is marked with the ⏚ symbol.
	Additional recommendation: class B all-current sensitive residual-current circuit breaker with a triggering current of 30 mA
	The dishwasher is always powered up unless the master switch is turned off or, on appliances with power plug, the plug is disconnected.

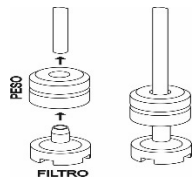
6 FIRST START-UP

6.1 First start-up

The electrical protection system must undergo a functional test before the appliance is put into operation. The appliance must be installed and/or inspected by qualified staff, who will start it up for the first time and provide the relevant operating instructions.

6.2 Preparing for use (Important)

The rinse aid dispenser is fitted on all models, the detergent dispenser only on some.
If both dispensers are present put the external detergent and rinse aid containers in place and insert the respective intake hoses on the rear of the appliance into them. Red hose: detergent, blue hose: rinse aid.



Before inserting the hoses into the containers, fit the weights (needed to ensure that they always draw in liquid from the bottoms of the containers) and the filters onto their ends as shown. If the detergent dispenser is not factory-fitted, it can be retrofitted after ordering the relative kit.

IM PORTANT:

Whenever the type of detergent or rinse aid is changed, it is ABSOLUTELY ESSENTIAL to flush out the peristaltic pumps by placing the external intake pipes in water for a few cycles. Always use only products specifically recommended for use in a professional dishwasher. Failure to comply with this recommendation leads to **forfeiture of the warranty** entitlement on the appliance's water system. Replacement of the **internal tube** of the detergent and rinse aid peristaltic pumps is **recommended every 12 months or 15.000 wash cycles**, by the After-Sales Service.

6.3 Using the water softener (on models with this feature only)

	The quantity of lime in the water (which indicates its hardness) causes whitish marks on dry dishes and dishes also tend to lose their shine over time. The dishwasher is equipped with an automatic water softener which removes the substances that cause hardness from the water with the aid of regenerating salt.

	The first time the dishwasher is used, a litre of water must be poured into the tank with the salt. Whenever the tank is filled, always take care to ensure that the cap is firmly closed. The mixture of water and detergent must not get into the salt tank, as this would impair operation of the regeneration system. In this case warranty cover will be forfeited.

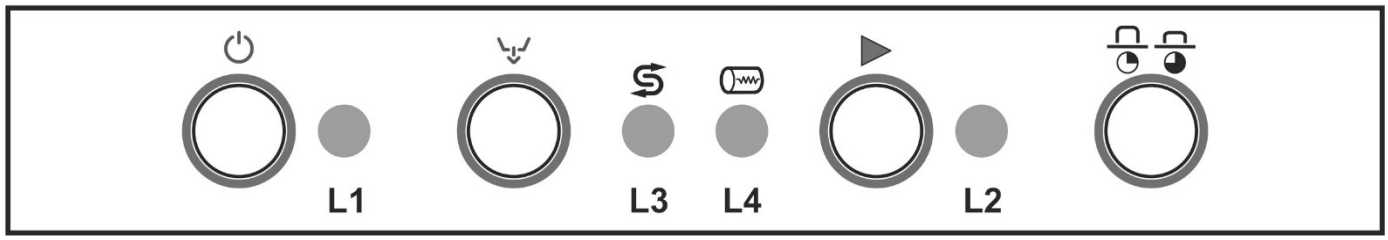
Adjusting the water softener (for the relevant models only)
In these models the water softener must be set as appropriate by a qualified engineer, in accordance with the table below:

Mains water hardness setting table

After a number of washing cycles corresponding to the set water hardness has been started, the dishwasher starts automatically the resin regeneration cycle, that lasts about 90 seconds. During this phase the machine load or unloads automatically, even though it isn't performing a washing cycle.

Hardness (°dH German degrees)	Hardness (°dF French degrees)	Ppm-mg/l	Setting level
Regeneration off			HA: 00
8,5	30	300	HA: 03 default
22,5	60	600	HA: 06

7 CONTROL PANEL



Key to Symbols

	On/off button
	Total pump-out (tank -boiler) button
	Start/ pause button
	Program selection button
	Short program selection (released button)
	Long program selection (pressed button)
L1 ○	Machine on LED
L2 ○	Current program LED
L3 ○	Regeneration salt lack LED (only when decalcifier is present)
L4 ○	Boiler heating LED

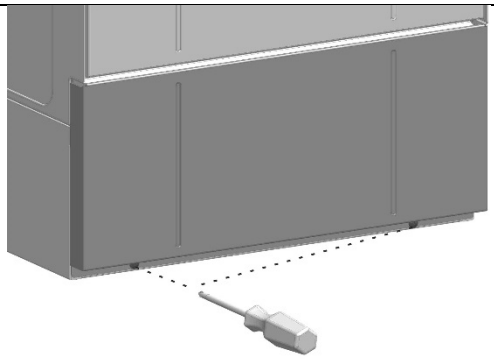
7.1 SET-UP (Authorised staff only) - Modifiable parameters

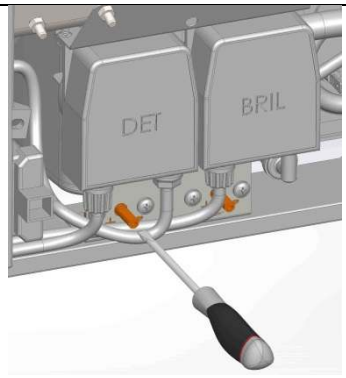
	Set-up During first start-up, the functions/parameters listed below must be set or adjusted:

The rinse temperature can be set at 71°C or 85°C. To modify the set parameter:
with the door open, keep the **start/ pause button** pressed, when the **current program LED** is on, release the program start button immediately and act on the **program selection** button.
In case the program selection button is pressed, release it and press it again to set the 85°C temperature.
In case the program selection button is released, press and release it again to set the 71°C temperature.

7.2 Adjusting detergent and rinse aid dispensing (only available on certain models)

The adjustment of the detergent and rinse aid dispensing is performed through the trimmers (detergent on the left, rinse aid on the right) which are located in the lower part of the machine. To access this area it is necessary to remove the panel, which is fastened with two screws.
Please refer to the following tables.





Adjustment	Position	Dispensing time in seconds	Rinse aid	Detergent
0	0 +	**0**	**No dispensing**	
1	0 +	7	0,7 ml	2,9 ml
2	0 +	14	1,5 ml	5,8 ml
3	0 +	21	2,3 ml	8,7 ml
4	0 +	28	3,1 ml	11,6 ml
5	0 +	35	3,9 ml	14,5 ml
6	0 +	42	4,6 ml	17,5 ml
7	0 +	49	5,5 ml	20,5 ml

NOTE: Do not exceed the amount indicated by the manufacturer, as shown on the package.
An excessive amount may cause foaming.

7.3 Starting the peristaltic pumps in manual mode – rapid filling of detergent and rinse aid circuit

Dishwasher under live electrical tension, full tank and open door: simultaneously press the **total download** **+ program start** **buttons** for two seconds. The rinse aid circuit is filled in 7 minutes, the detergent circuit is filled in 2 minutes. Since the pumps work at the same time, only the rinse aid (blue tube in the rinse aid jerrycan) must be withdrawn for 5 minutes, then the detergent (red tube in the detergent jerrycan) is withdrawn too for the last two minutes. To stop the functioning of the pumps, turn the machine off by pressing the **ON/ OFF** button

8 MALFUNCTIONS SHOWN ON THE DISPLAY (FOR THE TECHNICIAN)

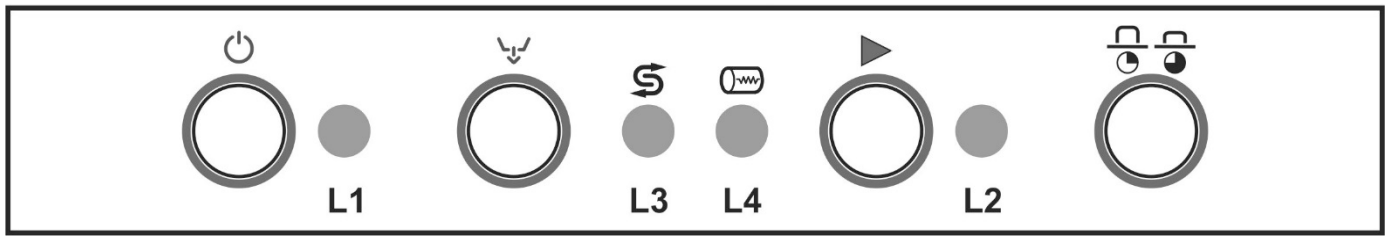
The dishwasher is able to identify a number of malfunctions and show them on the display. If the problem persists after the dishwasher has been switched off and back on, proceed as described below:

Er 04	Tank temperature probe malfunction	Tank temperature probe disconnected or not working.
Er 05	Tank water filling malfunction	- The tank wasn't filled in the expected time: check the water supply tap, the dynamic supply pressure, cleanliness of the inlet water filter, cleanliness of the rinse nozzles, any damage of the water charging hose. If the problem still occurs during the **"FILL"**: - Work level tank pressure switch damaged (it always detects "empty": check if the tank safety pressure switch starts operating). - Leakage from the tube connected to the air trap; if the problem is not solved, it occurs during the work program. - vent valve of the drain pipe obstructed with dirt: with siphonage, the tank gets completely empty at the end of a washing program.
Er 06	Water pump-out malfunction	Check: - filter cleanliness; obstructions, bending and narrowing of the drain pipe. - possible obstructions of the drain pump (blocked with a foreign body). In case the problem is not solved, please contact the After-Sales Service.
Er 23	Boiler does not heat up as expected.	The problem might occur because water is continually entering the tank (the causes are as for **"Er 05"** – see above) If the boiler heating element is damaged, this might be due to operation with no water in the boiler - the pressure switch is indicating full even with the boiler empty: - damaged boiler heating element – contactor failure - open on boiler safety thermostat side. - boiler temperature probe faulty or incorrectly positioned - motherboard relay failure, Important: If the boiler heating element is damaged, this might be due to operation with no

		water in the boiler, pressure switch continues to give full reading even with boiler empty: check boiler air trap and/or relative pressure switch and replace if necessary.
Er 24	Boiler temperature probe malfunction	Boiler temperature probe disconnected or not working
Er 25	Boiler water filling malfunction	The boiler wasn't filled in the expected time: check the water supply tap, the dynamic supply pressure, cleanliness of the inlet water filter, any damage of the water charging hose, or check the following in this order: - faulty boiler pressure switch (it always detects "empty"), - leakage or unbinding of the tube (water runs inside the tube) - menu service wrong setting **"rP"**
Er 26	Boiler emptying malfunction	- check cleanliness of the rinse nozzles - faulty boiler pressure switch (it always detects "full") - leakage or unbinding of the tube (water runs inside the tube) - rinsing pump malfunction (if present)
Er 27	Boiler emptying malfunction – with tank full Or boiler full signal on models without rinsing pump	Faulty boiler pressure switch (it always detects "full"). If this occurs in models without rinsing pump, the boiler pressure switch is wrongly detected: check settings in the service menu on entry **"rP"** **"rp"** = on for models with rinsing pump **"rp"** = of for models without rinsing pump

9 INSTRUCTIONS FOR THE USER

Control panel



Key to Symbols

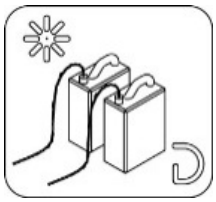
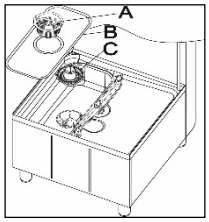
	On/off button
	Total pump-out (tank -boiler) button
	Start/ pause button
	Program selection button
	Short program selection (released button)
	Long program selection (pressed button)
L1	Machine on LED
L2	Current program LED
L3	Regeneration salt lack LED (only when decalcifier is present)
L4	Boiler heating LED

9.1 Before washing

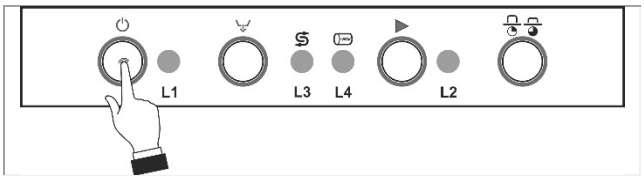
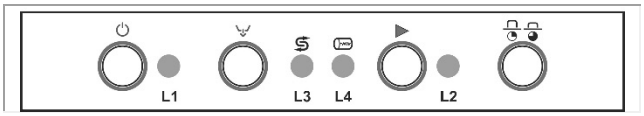
⚠	Use only detergents and rinse aids for industrial dishwashers. Do not use detergents intended for hand washing. We recommend the use of Smeg products, specially developed for this dishwasher.
⚠	When topping up the tanks, take care not to swap the products; this might damage the dishwasher and cause malfunctions.

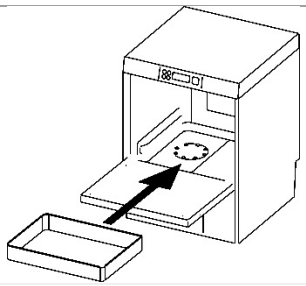
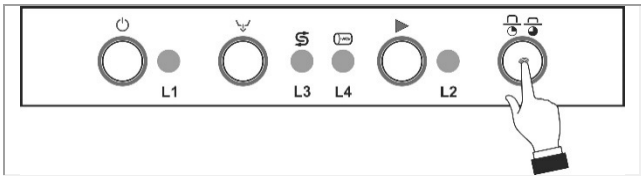
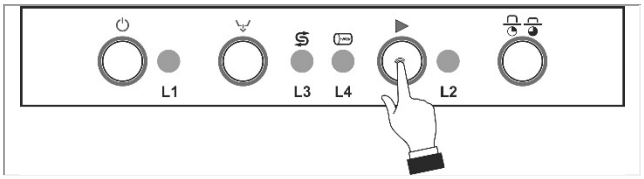
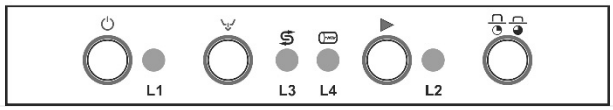
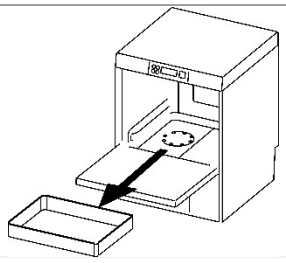
Do not mix different detergents; this would damage the dispenser device. **Failure to comply** with this recommendation leads to **forfeiture of the warranty** entitlement on the appliance's water system. Industrial dishwasher detergents may cause serious irritation. Comply carefully with the instructions provided by the detergent producer on the pack.

Check:

Turn on the mains water tap (user)	The level of detergent and rinse aid in the containers.	That there is regenerating salt in the relative container (if fitted).	That the filters are in place, the spray arms rotate, and there are no foreign bodies in the dishwasher.	Switch on the master switch (user): the decimal points of both digits appear on the display.
				

9.2 First use each day (tank and boiler empty)

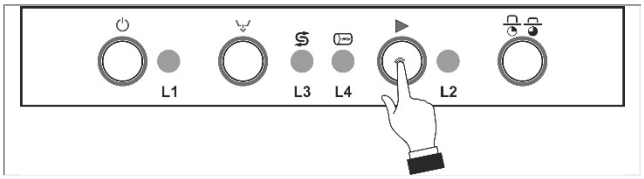
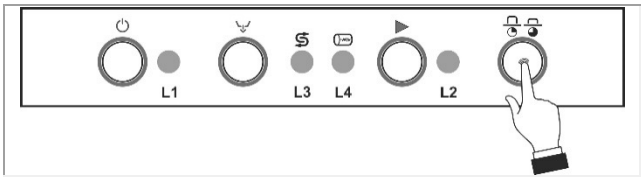
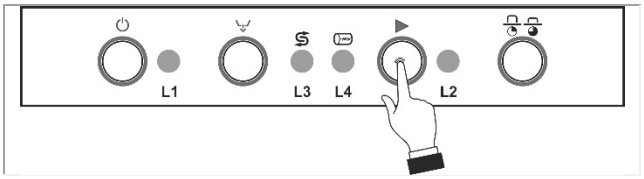
	**Door closed and master switch on ON:** Press the **ON/ OFF** button, **L1**/ **L2** LED turns on and the tank starts to fill.
	**When the machine is ready, the L2 LED turns off.**

	Load the dishes and close the door
	If necessary, select the program. released button: **short** program **2 minutes;** pressed button: **long** program, **3 minutes.**
	Push the **start**/ **pause** button to start the program, **L2** LED turns on.
	After the program ends, the **L2** LED turns off.
	Unload the dishes



STAND-BY energy save
After 15 minutes in idle state, the temperature of the water in the tank and in the boiler is slightly reduced, to avoid wasting energy. When a new wash cycle starts, the parameters go back to the previously set values.

9.3 Changing the program

	To change the active program, pause the machine by pressing the **start/ pause** button.
	Change program by pressing the **program selection button.**
	Start the program by pressing the **start/ pause** button.

10 CHOSING THE PROGRAM

SYMBOL	PROGRAM	TYPE OF DIRT	DURATION (*)
	Short	Slightly dirty cutlery and flatware.	1 min 30s
	Long	Very dirty cutlery and flatware.	2 min 30s

(*) The cycle duration stated above is guaranteed if the appliance is connected to hot water > 50°C<60°C
If the dishwasher is supplied with cold water, the cycle duration might increase depending on the intake water temperature and the "Thermostop" setting.



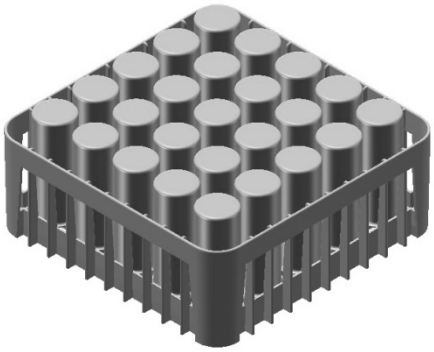
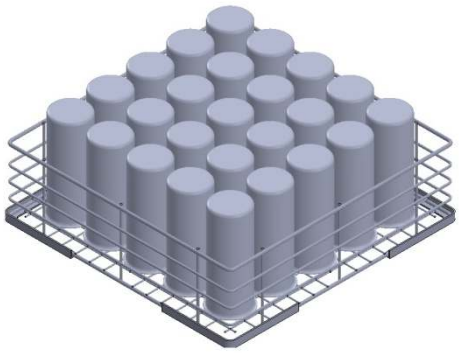
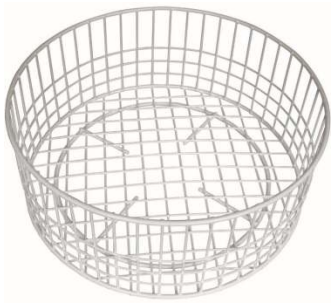
If the door is opened when a program is in progress, the program is interrupted; when the door is closed again the program must be restarted.

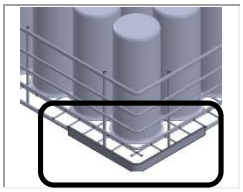


Powerfailure.
If the door is opened when the electrical power is restored, the resistance remains in off state, for the safety of the user, in order to avoid any risk of burns.
Close the door to resume heating the water in the tank.

11 BASKETS PROVIDED

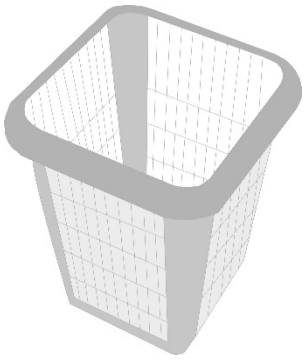
The shape and material of the baskets provided with the dishwasher depend on the purchased model. Extra baskets can be purchased through the After-Sale Service. The following images are indicative.



NOTE:
It is recommended to use baskets that are intact and not damaged by wear or tampering. The plastic runners of the baskets, if present, must not be removed, damaged, modified or tampered with.

Glasses: Place the glasses downwards.




Cutlery
Use the dedicated basket. Place the cutlery randomly, preferably with the handle downwards, using caution to avoid injures due to prongs of forks and blades of knives.

12 MAINTENANCE AN CLEANING

We recommend regular servicing by a SMEG authorised service centre at least once a year, to guarantee optimal performance at all times.
Consumables (e.g. peristaltic pump hoses) and/or parts subject to wear and tear must be replaced with genuine SMEG parts.
N.B.: the manufacturer accepts no liability for wilful damage or damage deriving from carelessness, neglect, failure to comply with instructions, regulations and standards or incorrect connections, which lead to forfeiture of warranty cover.

The dishwasher has **IPX4** protection, but the use of direct water jets for cleaning is **forbidden**.

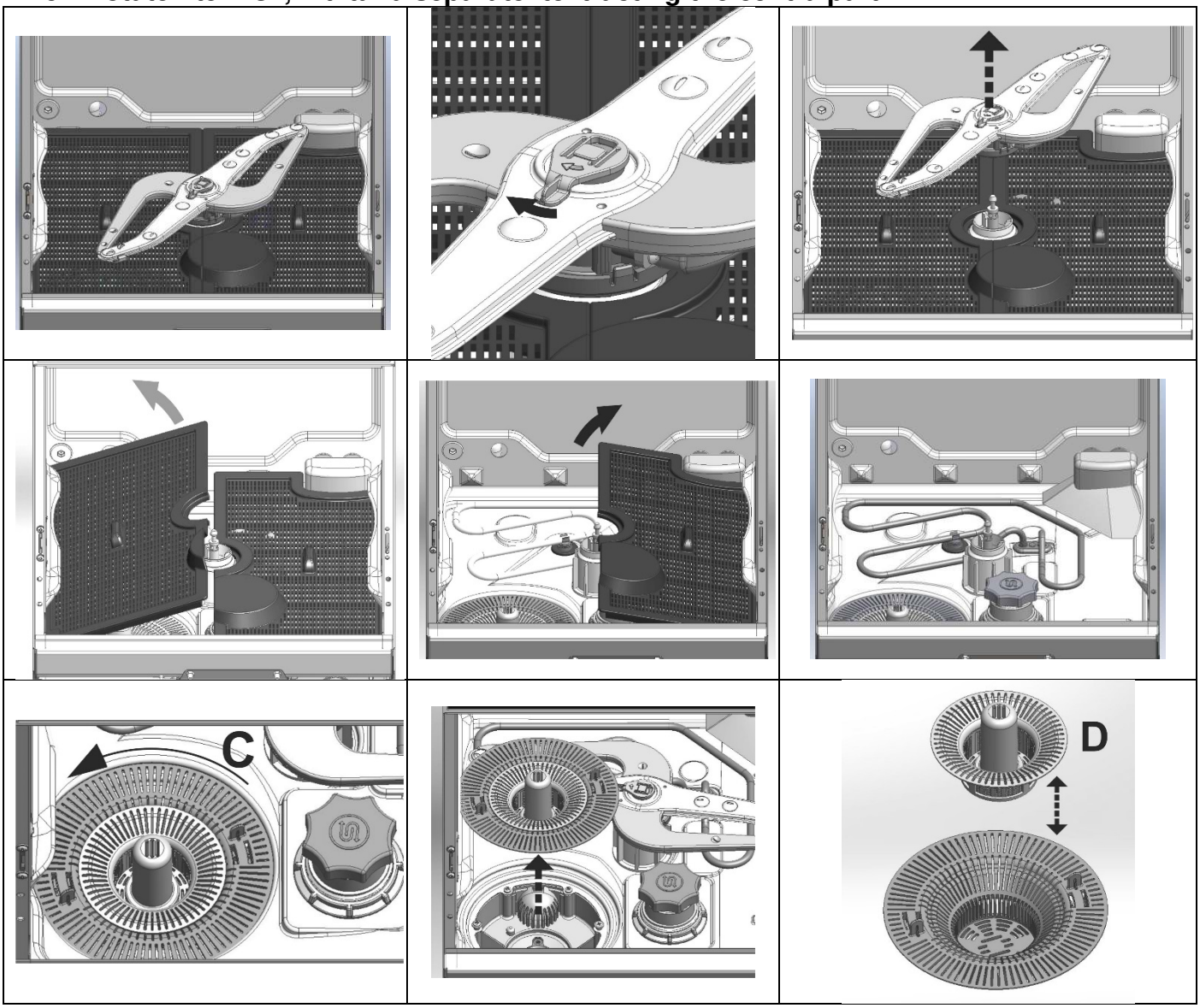
Clean the outside of the appliance with a damp cloth and neutral soap, rinsing and drying thoroughly.

12.1 Cleaning the filter during the day

The filter group is made of 2 or 3 filtering elements, according to the model.

Procedureto disassemble filters made of 3 filtering elements:

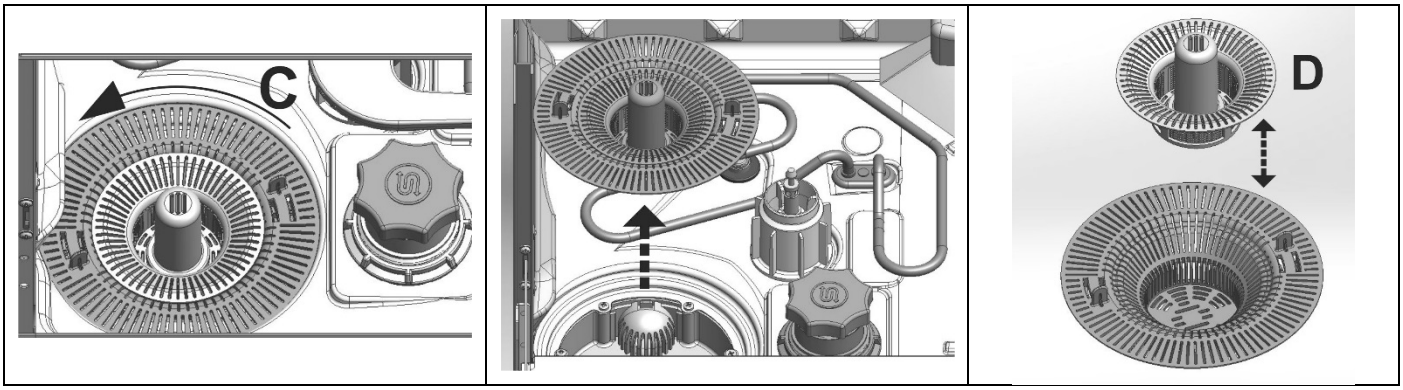
- **a- Unfasten and removethe lower spray arm**
- **b- Liftand remove the two rectangular filters**
- **c- Rotatefilter “C”, lift itand separate itextracting the centralpart “D”**



Procedure to disassemble the filters made of 2 filtering elements:
it is not necessary to removethe lower spray arm.

a- Rotate filter "C", lift it and separate it by extracting the central part "D"

Filter "C" can have different depths, according to the model.



When removing the filters, do not let the coarse residues fall into the basin under the filters; clean and rinse them thoroughly, then re-insert them correctly; do not use sharp or pointed objects.

If present, clean any limescale deposit to prevent accumulation;

- When not in use, leave the door ajar if possible;

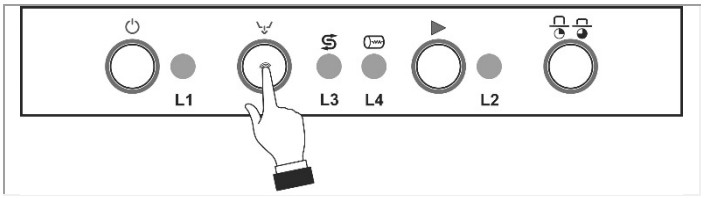
Clean the surfaces with a damp cloth accurately and frequently; use neutral, non-abrasive detergents, which do not contain chlorine based substances, or products that corrode and damage stainless steel.

Do not use the products described above to clean the floor under the dishwasher or near it, to prevent the steam or drops to damage the steel surfaces.

IMPORTANT:the dishwasher**automatically starts the "P0"program** at the beginning of the day, if **there is water left in the tank** and this is under the temperature of 40°C.

12.2 Total pump-out at the end of the day

This is a drain and self-cleaning program with automatic shutdown.



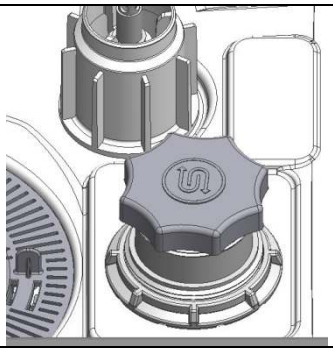
Press the pump-out button for about 2", the Led flashes and the pump-out and automatic tank cleaning phase starts. When pump-out is complete the appliance switches off.

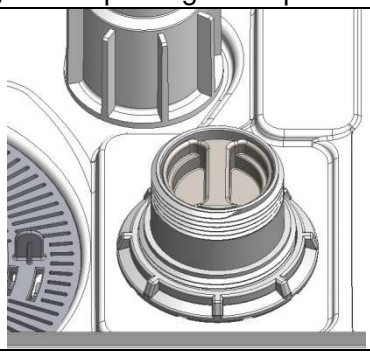
After a total pump-out the filters should be cleaned as described in the relevant point.

Never switch the dishwasher off with water in the tank; always pump out first.

12.3 Topping up with regenerating salt (for models with softener)

Warning:use specific salt only, do not usecooking sea salt.Salt must be supplied whenthe led under the symbol indicated in the left side picture lights up. The salt container has a capacity of about**1 kg of granulated salt**. The container is located on the bottom of the tank and it is fitted with two caps.
A: screw cap - **B:** bayonet cap
After extracting the basket, unscrewingcap**A**andextracting cap**B,**pourthe saltusing the provided funnel. Remove salt residues near the opening, if present, before placing the caps.



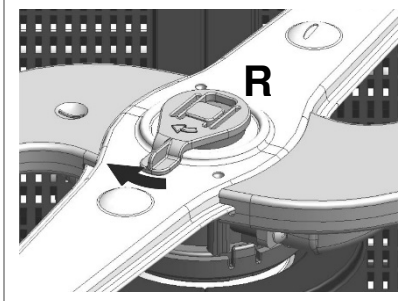


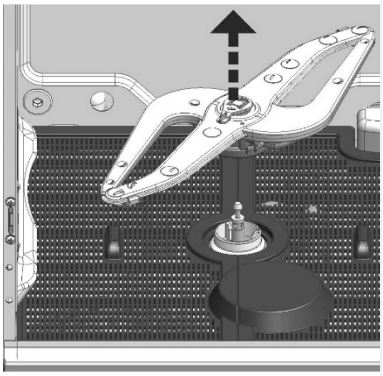
Correct procedure to refill the regenerating salt:
- start a **tank pump-out**,
- **refill the**regenerating salt,
- **fill** the tank (FILL)
- restart the**tank pump-out**
- removeanysalt residues from the bottom of the tank, as it may cause corrosion/rust.

This procedure**prevents**the washing water to enter the salt container (possible damage to the decalcifier) and that possible residues of salt are left in the tank (risk ofcorrosion/rust).

12.4 Routine inspection of the spray arm (once a week)

Remove the inferior and superior spray arms. Releasing the retaining element "R" is enough to remove them. Clean the spray arms with clean flowing water, **do not use tools which may cause damages**. Reassemble the spray arms carefully.





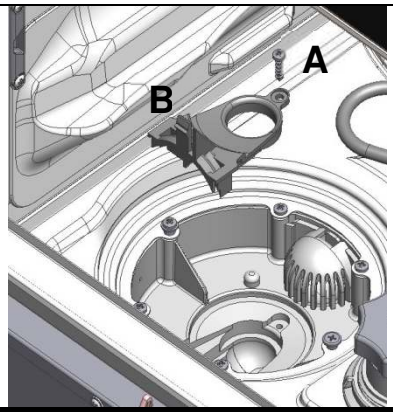


12.5 Lengthy periods out of use

If the dishwasher is to be out of use for a fairly long period of time, **the detergent and rinse aid dispenser devices must be emptied to prevent crystallisation and damage to the pumps:** remove the intake hoses from the detergent and rinse aid containers and place them in a container of clean water, then perform a few wash cycles followed by a complete pump-out. Finally, turn off the master switch, close the water intake valve and leave the hood ajar until the interior is completely dry. The detergent and rinse aid intake hoses must be put back into the containers when the dishwasher is returned to service, **taking care not to swap them over** (red hose = detergent, blue hose = rinse aid).

13 TROUBLESHOOTING

In casethe pump is not working properly, follow the steps below:
Empty the dishwasher outusing a container and disconnect the power.
Remove screw **A**, releasetab **B** andlift it upwards.
Make surethat the covered drain pump impeller can rotate freely, and that there are no dirt residues, limestone, or pieces of glass. Do not use tools, screwdrivers, scissors, etc.



PROBLEM	POSSIBLE CAUSE	POSSIBLE SOLUTION
THE INDICATOR LIGHT **L1** DOES NOT LIGHT UP	line voltagefailure	Verifyelectricity connection.
THE WASHING PROGRAM DOES NOT START	The dishwasher filling is not over yet.	Wait for FILL to disappear off the display
	CLOSEstays on display	If CLOSE stays even with the door closed, contact the After-Sales Service.
POOR WASHING RESULTS	Clogged or crusted spray arms holes.	Dismount and clean the spray arms (10.2 Periodicalchecks)
	Cloggedfilter	Read “cleaning the filtersduring the day”
	Insufficient or improper detergent orrinse aid.	Verify detergent type and quantity.
	Failing or insufficient use of detergent or rinse aid: the detergent or rinse aid cannot be withdrawn from the dedicated containers.	Worn or broken internal tube for detergent or rinse aid of the peristaltic pump, to be replaced by the After-Sales Service. **This ordinary maintenance service is recommended at least once a year for the correct functioning of the dosers.**
	Badlypositioneddishes / glasses.	Placedishes / glassescorrectly.
	Lowwashing temperature	Verify the temperature displayed, if it is inferiorthan 50°C contact customer Support.

	Improper set cycle	Increase the duration of the washing cycle, especially if the load is very dirty or partially dried.
	Clogged nozzles Boiler incrusted with limescale	- Verify that the nozzles are clean and that the water softener, if present, is working correctly. - Verify that the filter of the tube placed inside the rinse aid jerrycan is not clogged.
INSUFFICIENT RINSE	Inappropriate rinse aid, or it is not dispensed correctly. Lowrinsing temperature	Verify the rinse aid container and if it is adequate to the type of mains water. Verify the boiler set temperature Restore T Stop ON and/orconnect the machine to hot water. If the problem is not solved, contact the After-Sales Service.
INSUFFICIENT DRYING	Inappropriate rinse aid, or it is not dispensed correctly. Water hardness superior than 12°dF orit contains many dissolved salts.	Verify the rinse aid container and if it is adequate to the type of mains water. If the problem is not solved, contact the After-Sales Service
STAINED GLASSES AND CUTLERY	Waste tube badly positioned or partially clogged.	Verify that the tube and drainage are not clogged and that the drainage is not positioned too high; see connection scheme.
WATER LEFT IN THE TANK AFTER PUMP-OUT.	Waste tube badly positioned or partially clogged.	Verify that the tube and drainage are not clogged and that the drainage is not positioned too high; see connection scheme.

14 MALFUNCTIONS SHOWN ON THE DISPLAY (FOR THE USER)

The dishwasher is able to signal several malfunctioning events, which are highlighted by the flashing of the **start/pause L2** LED.
The visualization is determined by the number of flashes of the LED.
The errors n. 4-5-6-9 are highlighted by (frequent) **short flashes** in a number that is equal to the number of the signalled error. Thus, it will flash four times for error n. 4, five times for error n. 5, etc.
Errors from 23 to 28 are signalled by **one long flash** followed by **corresponding short flashes**. One long flash and three short flashes for error n. 23, one long flash and four short flashes for error n. 24, and so on, until n. 29

After the machine has been switched off and restarted, if the problem is not solved, follow the steps below:
(FOR A MORE PROFICIENT AFTER-SALES SERVICE, ALWAYS TAKE NOTE OF THE INDICATED ERROR)

Nr.4	Tank temperature probe anomaly	Contact After-sales Service
Nr.5	Tank water filling anomaly	Check that the water supply tap is open, the dynamic supply pressure, cleanliness of the inlet water filter. If the problem still occurs, contact After-sales Service.
Nr.6	Water pump-out anomaly (water remains in the dishwasher)	Check that the filters are clean, and that the drain pipe is not bent, obstructed, narrowed. Check that the drain pump is not blocked with a foreign body, follow steps indicated in "10.2 Periodical checks". If the problem still occurs, contact After-sales Service.
Nr.9	Excessive water level in the tank anomaly	Contact After-sales Service
Nr.23	Boiler heating anomaly (does not heat)	Contact After-sales Service
Nr.24	Boiler temperature probe anomaly	Contact After-sales Service
Nr.25	Boiler water filling anomaly	Check that the water supply tap is open, the dynamic supply pressure, cleanliness of the inlet water filter. If the problem still occurs, contact After-sales Service.
Nr.26	Boiler emptying anomaly	Check that the nozzles of the rinsing spray arms are not clogged. If the problem still occurs, contact After-sales Service.
Nr.27	Boiler emptying anomaly – with full tank	Contact After-sales Service