

spidocook™

CALDOBAKE™

INSTALLATION MANUAL



INSTALLATION PART

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INTRODUCTION

Dear Customer,

We thank you for having purchased an oven / complementary accessory from the **CALDOBAKE™** line.

These ovens are the climax of SPIDOCOOK research and guarantee minimum occupation of space with superlative performance while offering outstanding cooking management at any condition of use and load.

The **CALDOBAKE™** ovens use SPIDOCOOK's finest patented technology, which is the result of collaborations with master chefs and the world's leading research institutions.

A wide array of available accessories make these ovens extremely versatile and streamline everyday kitchen duties.

FORWARD

This booklet shows the installation of **CALDOBAKE™** line of appliances.

The ovens of the **CALDOBAKE™** line, along with their accessories, make it possible to create complete BAKING STATIONS for the production of pastry and baked goods.

With these ovens, it is possible to cook: puff pastry, sponge cakes, biscuits, choux pastry, croissants, pizza, focaccia bread, panettone cakes and leavened goods.

The **CALDOBAKE™** models are available in gas and electric models, have digital control and the following capacities: 4, 6, 10 trays 600x400.

All electric ovens are available, depending on the equipment, in the **ONE** or **PLUS** versions; this allows you to choose either one of the simpler versions or the very best of SPIDOCOOK practicality and innovation.

Gas ovens are available in the **PLUS** version only.



We recommend you thoroughly read this manual for all instructions on how to maintain the aesthetic and functional qualities of your purchased product intact.

EXPLANATION OF PICTOGRAMS

The installation and user instructions are valid for all models unless otherwise specified by the following pictograms:



Danger! Situation presenting immediate danger, or a hazardous situation which could cause injury or death.



Danger: fire hazard!



Danger: electric shock!



Read the instruction manual



Danger: risk of burns



Tips and useful information



Earthing symbol



Equipotential symbol



Consult other chapter

1 SAFETY REGULATIONS FOR INSTALLATION

- Read this guide carefully before installing or maintaining the appliance, and conserve this guide with care for any future consultation of users.
- All installation, assembly and non-routine maintenance operation must be performed exclusively by qualified technicians that are authorized by SPIDOCOOK, in compliance with the regulations in force in the user country, with respect to the regulations on systems and work safety.
- Disconnect the oven from its electrical and gas supplies before installation or maintenance (only for gas ovens).
- Check that systems are compliant to the installation country standards and to the specifications indicated on the appliance rating plate before installing the appliance.
- Interventions, tampering or modifications not expressly approved that do not comply with the instructions in this manual could cause damage, injury or death.
- Furthermore, interventions, tampering or modifications not expressly authorised that do not comply with the indications in this manual shall invalidate the guarantee.
- Installation or maintenance that fails to respect the indications in this manual may cause damage, injury or fatal accidents.
- Persons not involved with appliance installation may not pass through or occupy the work area during appliance assembly.
- If the equipment is installed on mobile bases or stacked in columns, be sure to use only SPIDOCOOK components and respect the instructions on their packaging.
- Given their potential danger, the packaging materials must be kept out of reach of children and animals, and correctly disposed of in compliance with local regulations.
- The ratings plate provides essential technical information that is of utmost importance for any appliance maintenance or repairs. Do not remove, damage or modify the plate.
- Failure to follow these instructions can cause damage and injury or death, voids the warranty and exempts SPIDOCOOK from any liability.
- The parts protected by the manufacturer or his agent shall not be adjusted by the installer.
- The appliance can be used by children of 8 years and over and by people with reduced physical, sensory or mental capabilities or people lacking the experience or knowledge needed, provided they are supervised or have received instructions on how to use the appliance safely and that they understand the inherent dangers. Children must not play with the appliance. User cleaning and maintenance must not be carried out by unsupervised children.
- When cleaning any component or accessory NEVER use water jets.
- The new hose-sets supplied with the appliance are to be used for the connection to the water supply network. Old hose-sets should not be reused.
- For proper electrical connections, the appliance must:
- Be wired into an equipotential system in accordance with current regulations. This connection must be performed between different appliances with the

terminal marked with the equipotential symbol . The cable must have a maximum cross-section of 10 mm² (pursuant to standard CEI EN 60335-2-36) and be yellow-green.

- Be connected to the mains earth  (green-yellow wire).
- Be connected to a thermal differential switch in compliance with the regulations in force (0.03A, type A).
- Be connected to a main circuit-breaker that enables complete disconnection in category III over-voltage conditions.
- Do not use the door to push the trolley in the oven cavity, to not damage the trolley gasket.

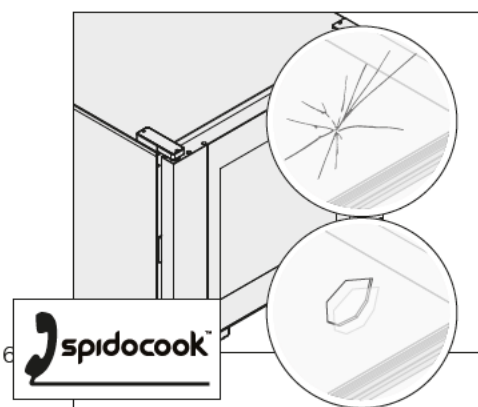
Only for gas ovens

- Appliances must be installed in areas:
 - that comply to the safety requirements called for by the standards in force;
 - that have adequate ventilation. Make sure that air is continually refreshed from the outside to ensure correct combustion and to avoid the formation of volatile substances hazardous to health and risk of suffocation!
- Make sure:
 - that installation is performed by respecting the safety regulations of the country of use and of the gas company;
 - that the ventilation inlets and the appliance exhausts are not obstructed (e.g. objects and walls);
 - that the type of gas available corresponds to the type indicated on the rating label;
 - that the gas pipe diameters meet the required measurements;
 - that components - not supplied by SPIDOCOOK - used for installation comply with the regulations in force of the country of use;
 - that the connection pipe pressure equals that of the gas supply inlet;
 - that maximum gas piping inlet pressure is 55 mbar; pressures may not exceed this threshold.
- After connection to the gas supply, check for gas leaks of the components by preferably using non-corrosive foams. Never use flames!
- Upon commissioning a qualified technician authorised by SPIDOCOOK must analyse the burner exhaust gases (CO and CO₂) and record the registered values on the appliance.



Risk or electrical shock

- Do not open the compartments marked with these symbols: opening is reserved to qualified personnel authorised by SPIDOCOOK. Failure to observe this regulation invalidates the guarantee and may cause damage or (fatal) injuries.



If the appliance glass is chipped or damaged, it must be replaced immediately by contacting an authorised support service centre.

Do not use the oven.
Risk of exploding glass.

2 UNPACKING THE EQUIPMENT

Check the package for any visible damage. If damage is found, immediately contact SPIDOCOOK and DO NOT install the appliance.

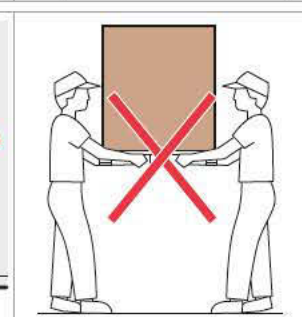
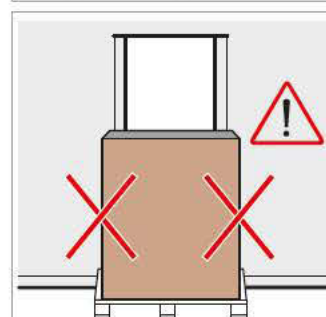
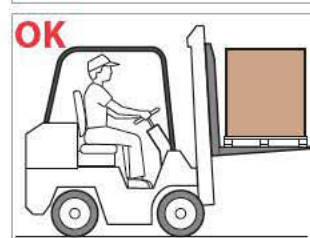
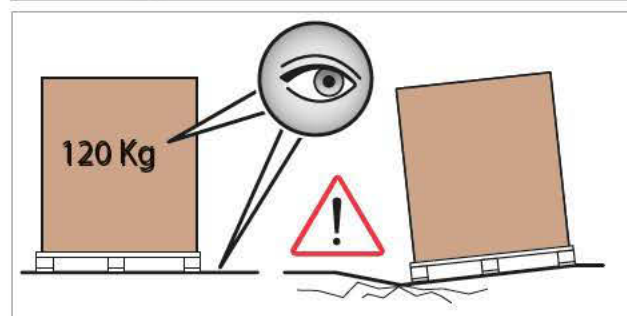
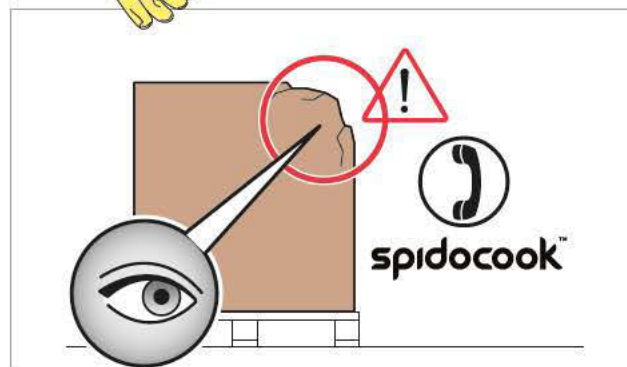
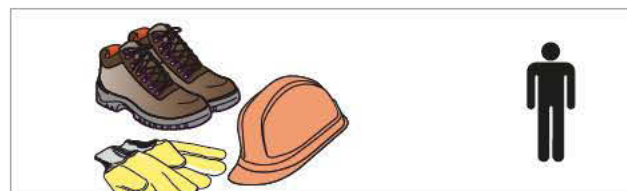
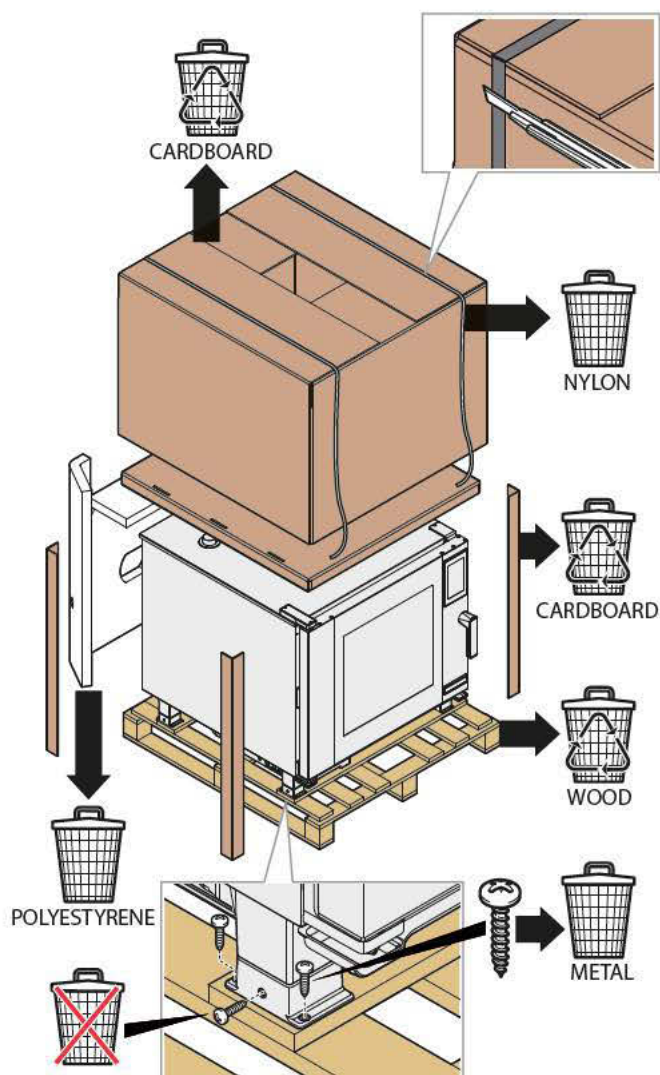
Before transporting the appliance to its installation point, make sure that:

- it easily passes through doorways;
- the floor supports its weight.

Transport must be exclusively performed by mechanical means (i.e. transpallet forklift).



Given their potential danger, the packaging materials must be kept out of reach of children and animals, and correctly disposed of in compliance with local regulations.



NON-STOP Efforts

SPIDOCOOK has followed the **NON-STOP Efforts** philosophy for years to increase the environmental compatibility of its products to reduce energy consumption and waste.

SPIDOCOOK wishes to protect the environment and invites the consumer to dispose of waste in recycling bins.

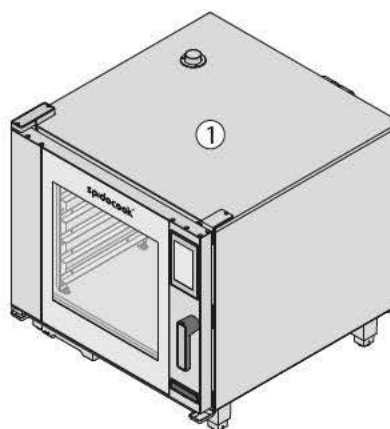
3 CHECKING PACKAGE CONTENTS

Before installing the appliance, check that the following packaged components are present and free of damage.



Contact SPIDOCOOL if a component is missing or damaged.

- ① oven designed for:
 - electrical connections (power supply cable fitted, plug to be fitted by the installer);
 - plumbing (water supply tube, mechanical filter, 3/4 connection with non-return valve already assembled);
- ② technical documents (installation and use booklet, "Technical data" sheet);
- ③ 4 plastic supports;
- ④ "Starter Kit" bag (8 self-tapping screws, 1 connection spanner, 1 falling liquids adhesive label).



+ Different auxiliary instruments are available as professional completion of the **CALDOBAKE** ranges: contact SPIDOCOOL for additional information.

TAB. 1. ► OVENS TECHNICAL DATA

CALDOBAKE™	Tray Type	Size [mm] WxDxH	N. tray	Oven weight [kg]	Max. load [kg]	Oven model		Installation
Electric	600 x 400	860x967x675	4	90	20	ONE	SBC-04EU-Ex	Countertop
		860x967x843	6	103	30	ONE	SBC-06EU-Ex	Countertop
		535x872x1163	10	136	50	ONE	SBC-10EU-Ex	Countertop
		860x967x675	4	95	20	PLUS	SBC-04EU-Ex	Countertop
		860x967x843	6	112	30	PLUS	SBC-06EU-Ex	Countertop
		860x967x1163	10	148	50	PLUS	SBC-10EU-Ex	Countertop
Gas		860x967x843	6	126	30	PLUS	SBC-06EU-Gx	Countertop
		860x967x1163	10	148	50	PLUS	SBC-10EU-Gx	Countertop

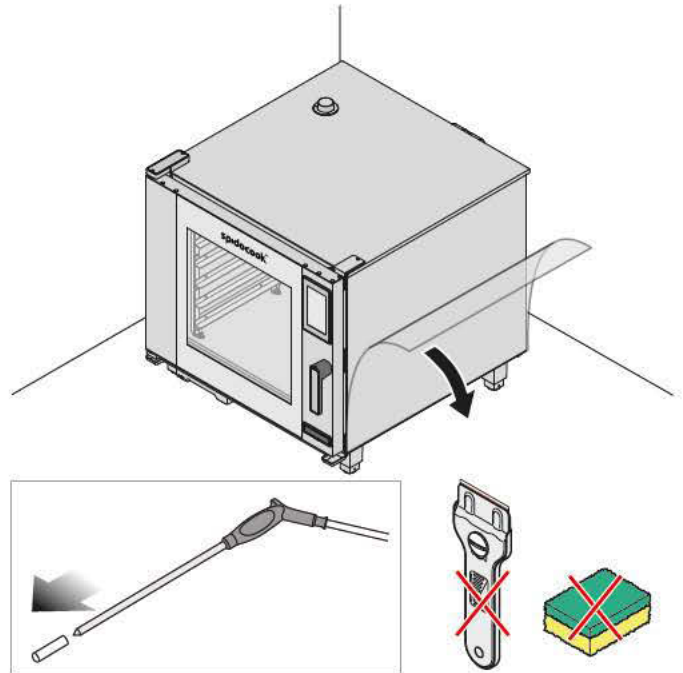
4 GETTING STARTED

Removing the protective film and silicone cap from the core probe

Slowly remove the protective films from the appliance: clean any glue residue with appropriate solvents without using tools, abrasive detergents or acids that could ruin the surfaces.



The removed film, given its potential danger, must be kept out of reach of children and animals; and correctly disposed of in compliance with local regulations.



5 POSITIONING INFORMATION

Characteristics of the installation area

Install the appliance in areas:

- dedicated and conforming to the cooking of industrial foods;
- having adequate air ventilation;
- that comply with the laws in your country;
- protected against the weather;
- with temperatures between +5° to +35°C maximum;
- having a maximum humidity of 70%.

The law requires gas appliances to be installed in areas:

- with surface area and ventilation suitable for gas combustion;
- with outdoor evacuation of exhaust gas.

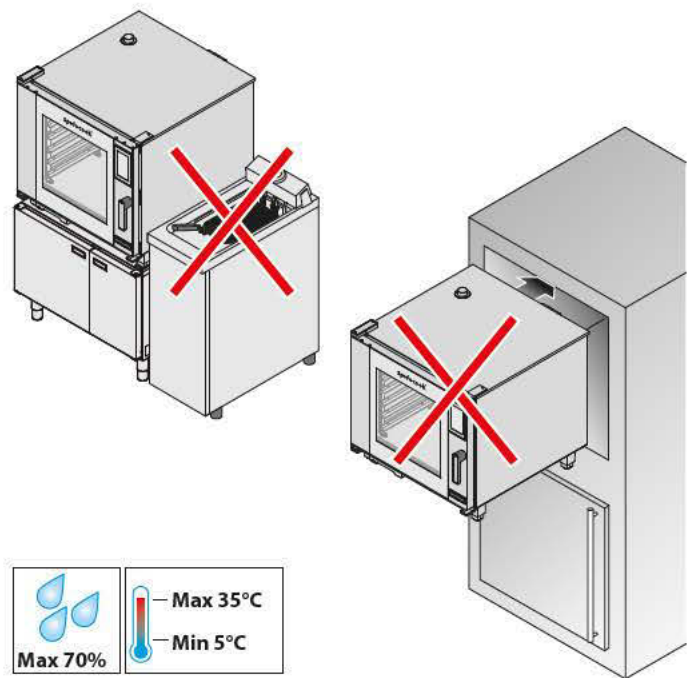


For additional information consult chapter "**Exhaust (only for electrical ovens)**" on page 23.



Do not install the appliance near other appliances that reach high temperatures in order to avoid damaging electrical parts.

The appliance cannot be installed into a recess. Make sure that the floor supports the weight of the appliance at full capacity (see the table below).



For additional technical information on the appliance, consult the "technical specifications" sheet attached to the appliance.

Connections

The installation areas must be equipped with electrical, plumbing and gas utilities (only for gas ovens) that comply with the regulations of the country of use.

The figure gives indicative connection measurements:



electrical connection



plumbing connection



gas connection (where applicable)



If cooking large amounts of greasy foods, follow the precautions indicated in section **"Drainage specifications"** on page 22.

DRAIN CONNECTIONS			
	Wall drain (I)	Separate drain with funnel	Floor drain

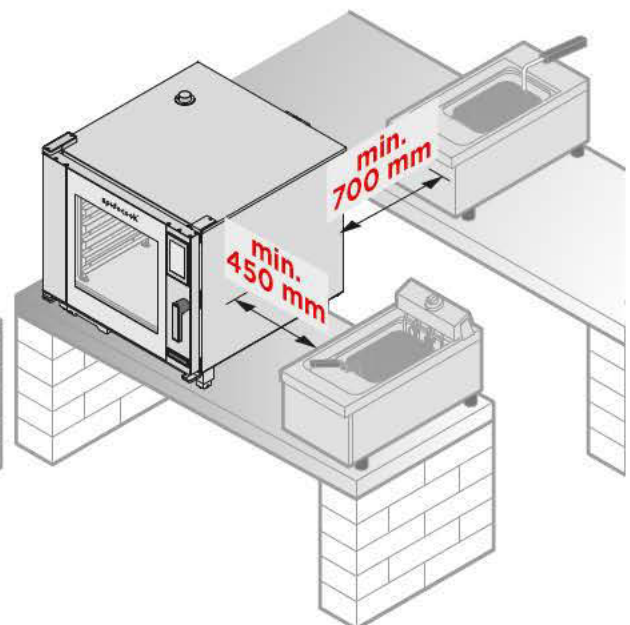
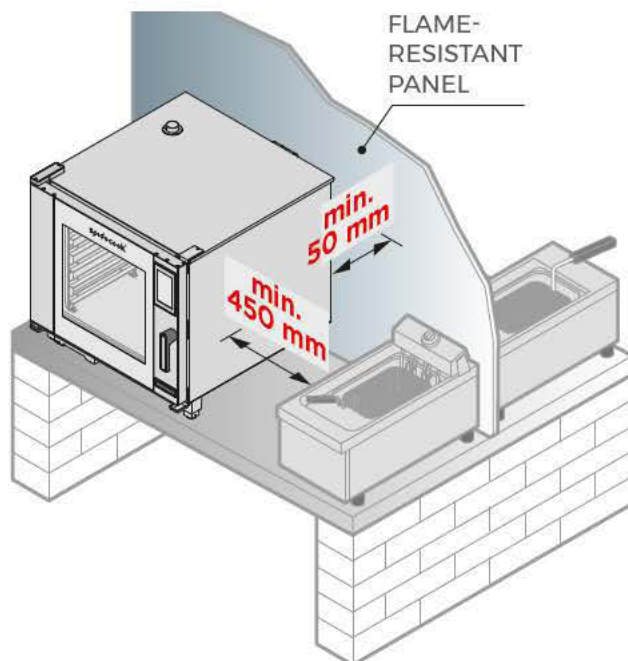
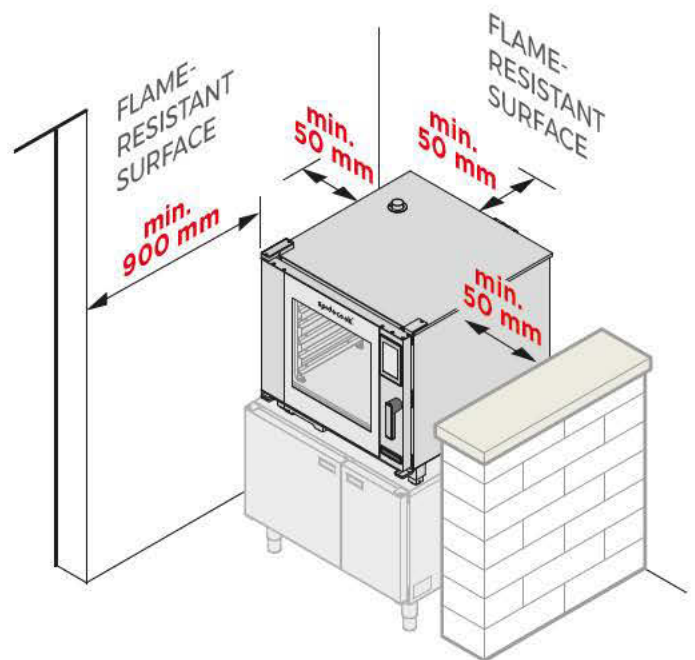
(I): The wall-mounted exhaust output must have an air gap of at least 25 mm.

Appliance distances

Position the appliance respecting the indicated distances in the diagram and so that the back of the oven is easily accessible for appliance connections and maintenance.

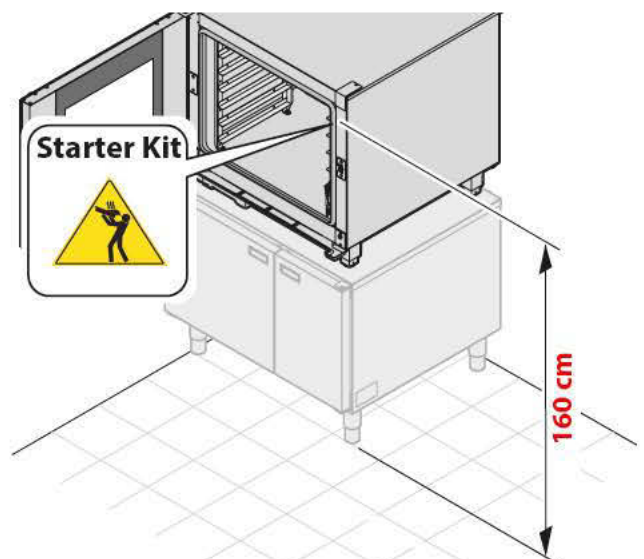


Do not install the appliance near flammable or heat sensitive materials, walls or furniture. Otherwise, protect them with appropriate non-flammable materials in compliance with fire prevention regulations - see diagram below.



For safety reasons, the last tray should NEVER be placed at a height greater than 160 cm.

If necessary to do so, **it is mandatory to post the sticker contained in the "Starter Kit" at the height shown in the figure.**



6 POSITIONING

The counter top ovens can be positioned:

- on wheels (with the SPIDOCOOK wheel kit);
- on the floor (with the SPIDOCOOK feet kit);
- on own or SPIDOCOOK substructures;
- stacked on other SPIDOCOOK appliances.

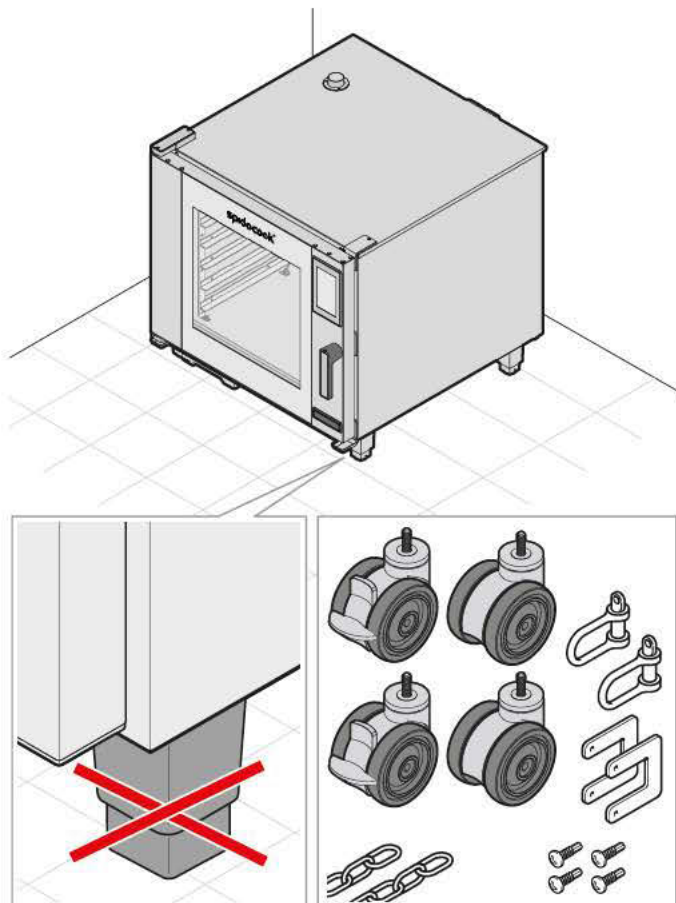
Floor or mobile-base positioning

The floor beneath the appliances must:

- be flame and heat resistant;
- be perfectly level;
- have a flat and even surface;
- are able to support the appliance weight at full load without undergoing deformation or structural failure.

Positioning: free-standing

DO NOT position the appliances directly on the floor but remove the plastic feet from the appliance and assemble the SPIDOCOOK H.150-mm steel feet support feet kit. Contact SPIDOCOOK for detailed information on assembling the support feet Kit read the instructions on the kit packaging.



Positioning: mobile bases



Move the appliance using only the SPIDOCOOK wheel kit and by following the instructions contained on the kit packaging.

Positioning: substructures

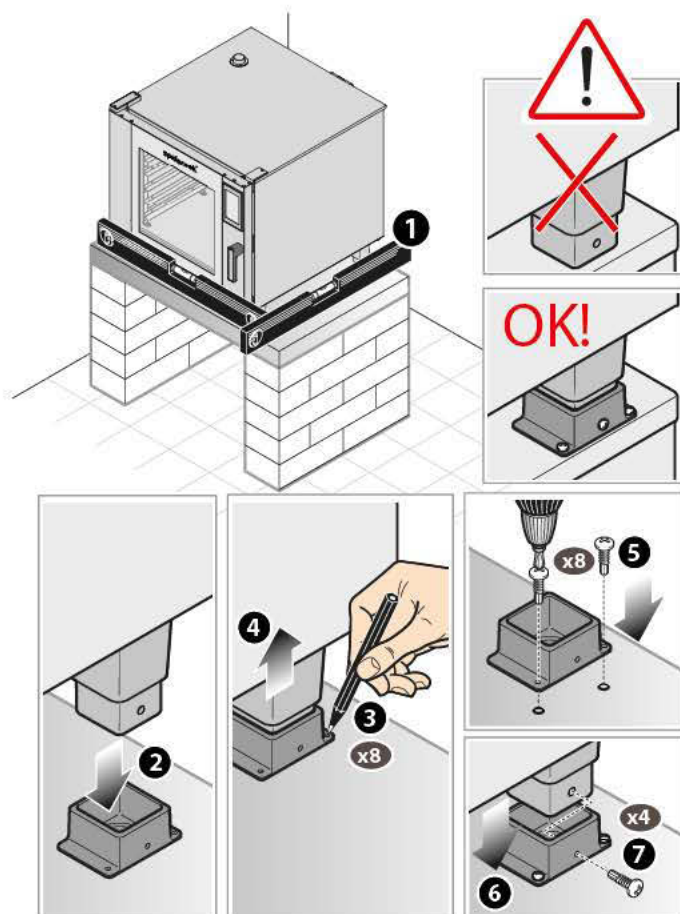


Before securing on an SPIDOCOOK substructure or on one of your own, always check that the substructure is perfectly level using a spirit or digital level. If not, the SPIDOCOOK substructure can be levelled by adjusting the feet. Beware - do not completely unscrew the feet.

Anchoring on user's substructure (i.e. steel tables, etc...)

The substructures must be:

- stable and perfectly level;
- unmoveable;
- flame and heat resistant;
- are able to support the appliance weight at full load without undergoing deformation or structural failure.



7 ELECTRICAL CONNECTION



Before installing the appliance carefully read chapter **"Safety regulations for installation"** on page 5.



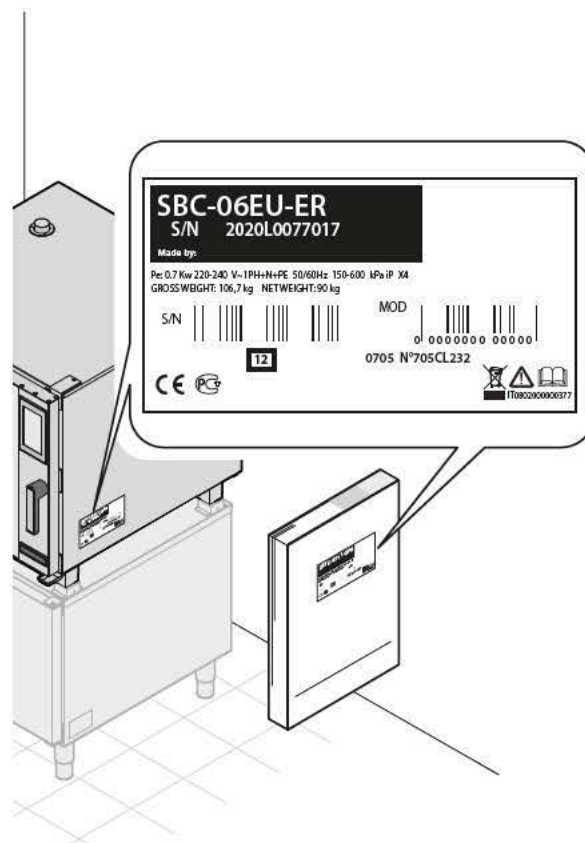
Connections to the mains power and the electrical system must comply with the regulations in force in the country of installation of the appliance. All connections must be made by qualified personnel authorised by SPIDOCOOK. Failure to comply with these regulations may cause damage and injuries, invalidates the guarantee and relieves SPIDOCOOK of all liability.



Before connecting the appliance to the mains electricity, always compare the power supply data with that of the appliance as specified on the rating plate.

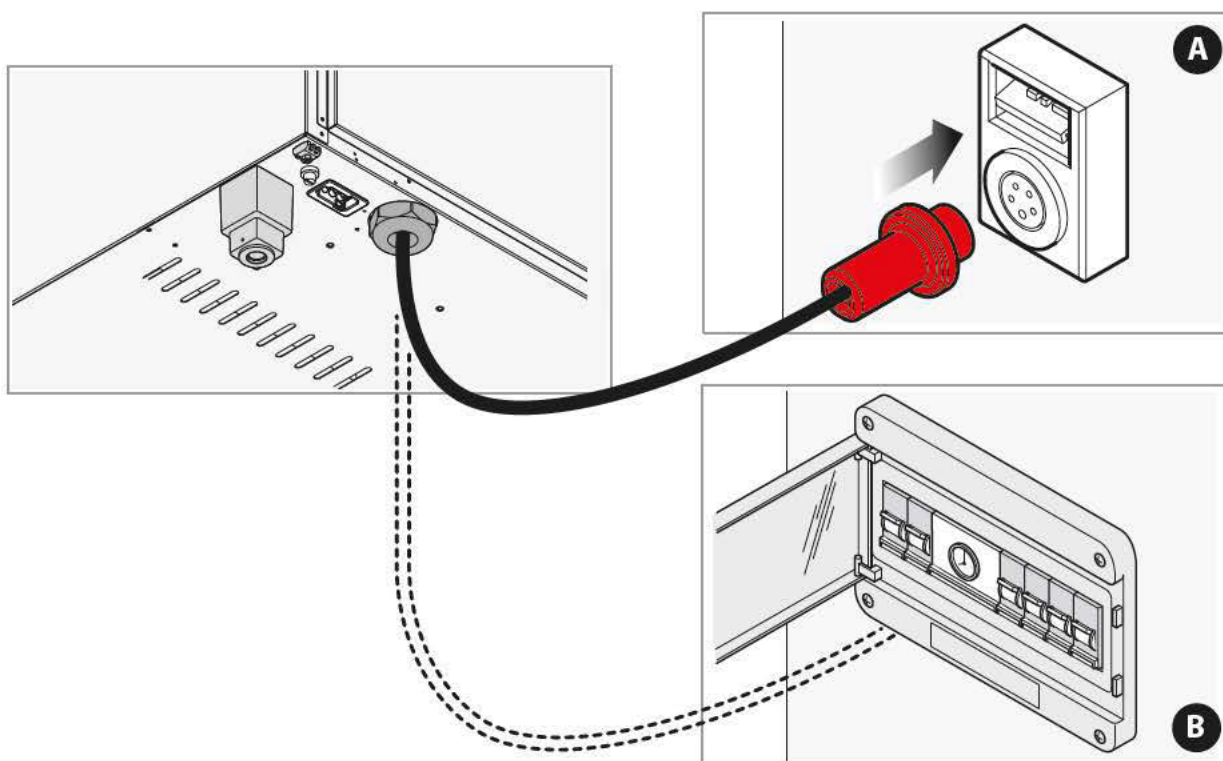


In order to avoid hazards due to the accidental resetting of the thermal cut-out, this appliance must not be powered with an external switching device, such as a timer, or be connected to a circuit that is regularly switched on and off by the utility.



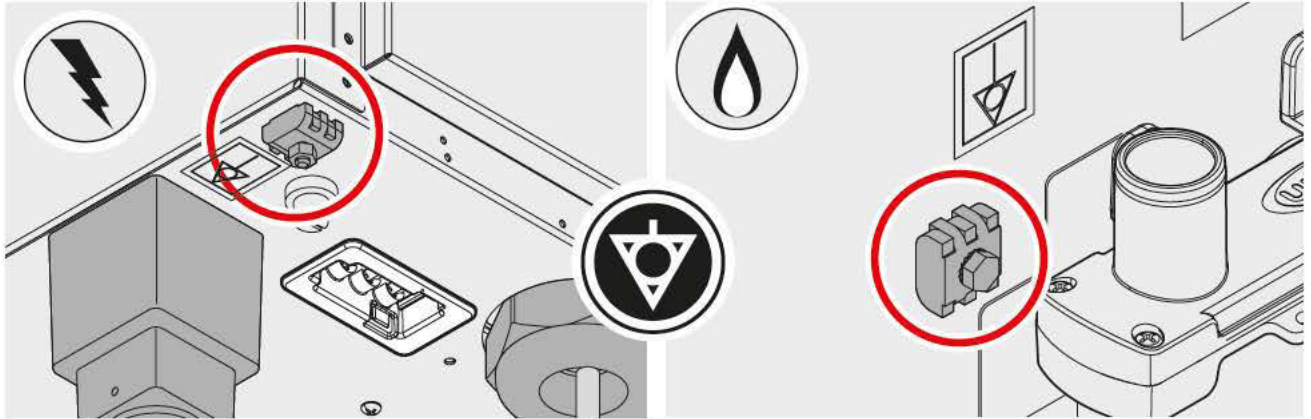
The ovens leave the factory with the power cable already installed on the terminal. Do not make any other type of electrical connection or any changes to the size of the cable, other than extending it or replacing it with a cable with the same specifications as the original (e.g. type of rubber and cross-section). All specifications are listed on the "Technical Specifications" sheet supplied with the appliance.

To connect the electrics, fit a power plug (not supplied) of a suitable type and load for the maximum power absorbed by the oven's phases **A** (data available on the attached "Technical specifications" sheet). If this is not possible, the wiring supplied by SPIDOCOOK is sufficient for connecting the appliance directly to the electrical board **B**.



For ovens to be connected up correctly, they must:

- be wired into an **equipotential system** in accordance with current regulations. This connection must be made between different appliances with the terminal marked with the equipotential symbol . The cable must have a maximum cross-section of 10 mm² (as per CEI EN 60335-2-42:2003-09) and must be yellow/green.
- be connected to the mains **earth**  (yellow/green wire).
- be connected to a **thermal differential switch** in compliance with the regulations in force (0.03A, type A).
- be connected to an **all-pole circuit-breaker** that enables complete disconnection in category III over-voltage conditions.



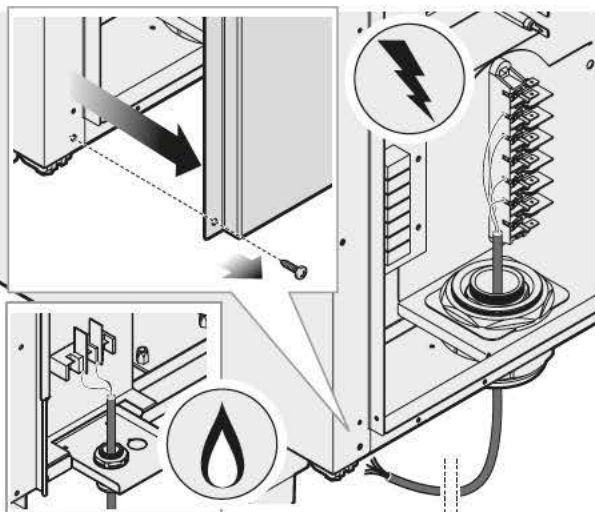
Checks

- The copper jumper on the terminal board and the electrical cable must be secured together under the screw in its tightening direction, and the electrical connections must be securely tightened before connecting the appliance to the electricity mains.
- Check for any electrical dispersion between the phases and the earth, and for electrical continuity between the external casing and the mains earth.
- Check that the power supply voltage does not deviate from the nominal voltage value specified on the appliance rating plate when the appliance is operating. If it does, wire the phases as specified on the "Technical specifications" sheet supplied.

Adapting to different voltages

For electrical and voltage requirements that differ from standard values, replace the power supply cable and connect the new cable to the terminal board, following the diagrams on the "Technical specifications" sheet (Power supply - Connection Diagram) supplied with the appliance.

Replacing the power supply cable



The cable must be replaced by SPIDOCOOK, the SPIDOCOOK technical assistance service or, in any case, by a person with a similar role in order to prevent any risks.

Follow the procedures below to replace the power supply cable:

- remove the rear oven panel and remove the cable by detaching it from the terminal block;
- see the "Technical specifications" sheet (Power supply - Connection Diagram) which shows all of the possible wiring diagrams and the new cable spec according to the chosen connection (Cable Type);
- secure the new cable using the cable clamp;
- close the rear panel of the oven.

8 GAS CONNECTIONS (ONLY FOR GAS OVENS)



Before installing the appliance carefully read section **"Safety regulations for installation"** on page 5.

Only for Australia: This unit must be installed by a licensed person to AS/NZS5601 and local Regulations. Only authorized persons may install.



Connections to the gas supply must comply with the regulations in force in the country of installation of the appliance; and all connections must be performed by qualified personnel authorised by SPIDOCOOK. Failure to comply with these regulations may cause damage and injuries, invalidates the guarantee and relieves SPIDOCOOK of all liabilities.

Connecting to the gas utility system

The appliance is factory set, configured and tested to operate using:

- natural gas (G20)
- nominal pressure of the mains supply (entering the gas valve) of 5mbar-35mbar (0.5kPa-3.5kPa)
- maximum gas inlet pressure of 40mbar (4 kPa).
- maximum pressure drop at ignition = 5mbar.

Before connection, check that the available gas and pressure comply with the information above: this information is also shown on the "DATA PLATE GAS" plate attached to the side of the oven.

The female attachment for connection to the gas utilities is on the lower part of the oven: the connection must be done using a rigid or flexible pipe with a cut-off valve (not supplied) placed upstream of the appliance.



Make sure that the gas tube does not run next to hot areas and that they are not subject to pulling, twisting or crushing.



The gas supply system and all attachments must be up to code and respect the regulations in force in the country of use (for Australia: AS5601).



Components sealed with red paint must never be tampered with!

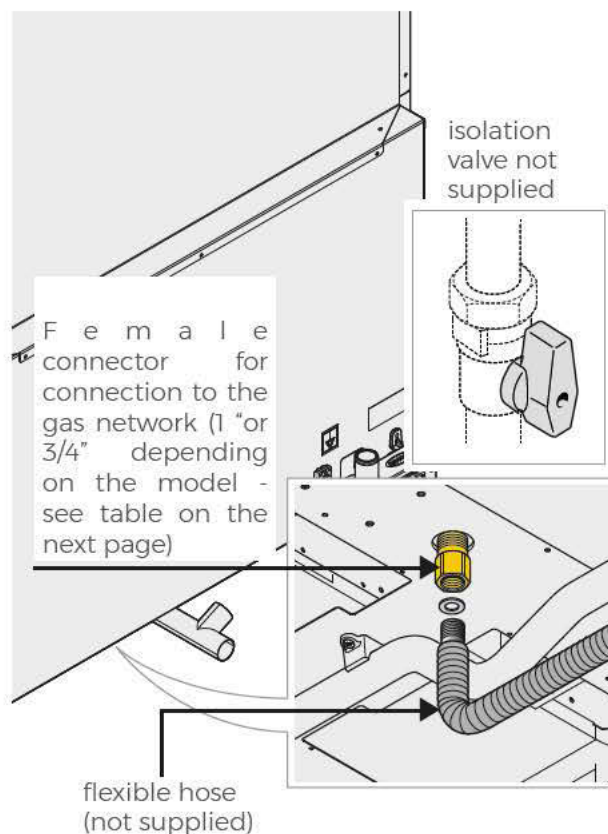


The oven can only be reset after a GAS error by holding down the "REARM" button on the screen and then the OK button.



Special adjustments are not needed when using this appliance at high altitudes.

Gas supply tubing or hose shall comply with the national requirements in force and shall be periodically examined and replaced as necessary.



TAB. 2. ► OVENS GAS CONSUMPTION AND MAXIMUM NOMINAL THERMAL LOAD

CALDOBAKE™															
OVEN CODE	Female thread fitting	P MAX [kW]							P START [kW]						
		G110	G20	G25	G25.1	G25.3	G30	G31	G110	G20	G25	G25.1	G25.3	G30	G31
SBC-06EU-Gx	3/4"	16	19	19	19	19	19	19	11	15	15	15	15	17,5	17
SBC-10EU-Gx	3/4"	20	25	24	23	21	25	25	14	17	17	16	15	19	16,5

OVEN CODE	Female thread fitting	P MIN [kW]							MAX GAS CUNSUMPTION [m _v /h]						
		G110	G20	G25	G25.1	G25.3	G30	G31	G110	G20	G25	G25.1	G25.3	G30	G31
SBC-06EU-Gx	3/4"	6,5	5	6,5	6	6	7	6,5	4,129	2,011	2,338	2,340	2,286	0,589	0,777
SBC-10EU-Gx	3/4"	6	6,5	8	8	6,5	8	9	5,161	2,646	2,954	2,833	2,527	0,775	1,023

OVEN CODE	Female thread fitting	MAX GAS CUNSUMPTION [kg/h]						
		G110	G20	G25	G25.1	G25.3	G30	G31
SBC-06EU-Gx	3/4"						1,479	1,458
SBC-10EU-Gx	3/4"						1,946	1,918

TAB. 3. ► EUROPEAN GASES AND CORRESPONDING AUSTRALIAN AND NEW ZEALAND GASES

EUROPEAN	AUSTRALIAN	MINIMUM PRESSURE AT THE GAS OVENS INLET (KPA)
G20	NATURAL GAS (N GAS)	1,13
G30	BUTANE (Y GAS)	2,75
G31	PROPANE (X GAS)	2,75

TAB. 4. ► NOMINAL GAS CONSUMPTIONS SPIDOCOOK GAS OVENS (MJ/H) GASES

MODEL	NATURAL GAS (MJ/H)	LPG UNIVERSAL LP GAS (MJ/H)
SBC-06EU-Gx	68,4	68,4
SBC-10EU-Gx	90	90

PLUMBING CONNECTIONS

Plumbing: water supply

The rear of the appliance contains:

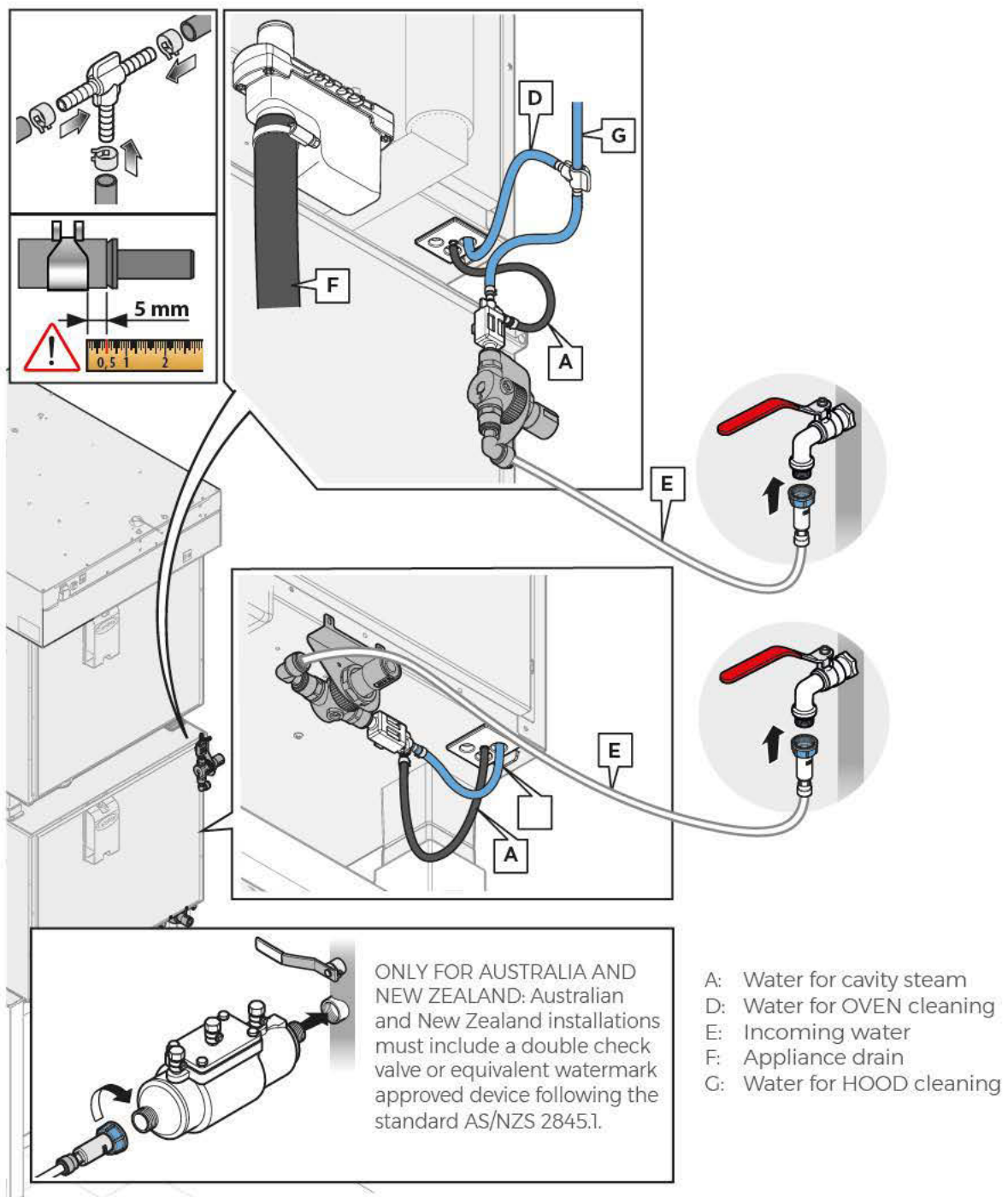
- 1.5 meters of hose, mechanical filter, pressure reducer and (3/4") fitting with non-return valve for plumbing. Before connecting the water pipe to the appliance, flush it out with water in order to eliminate any residue which may be accumulated inside. An isolation valve should be positioned between the water mains and the appliance;
- two attachments for connecting additional water treatment accessories (**Pure** or **Pure-RO**). To connect the attachments, please follow the instructions on the accessory package. Do not use ion-exchange resin water softeners.
- a pipe to supply detergent to clean the oven cavity (where applicable);



To facilitate water connection for multiple column installations (**MAXI.Link**), use the "T" connection in the SPIDOCOOK stacking kit.



Use the set of new connections supplied with the appliance for the connection to the water mains. Connections that have already been used must not be used again.



Incoming water characteristics

The incoming water characteristics depend on the kind of stainless steel used in the cooking chamber: **AISI304** or **AISI316L**.

Some common incoming water characteristics are:

- maximum temperature of **30 °C**;
- be drinkable;
- minimum pressure **150 kPa**; maximum pressure **600 kPa**; recommended pressure **200 kPa** (all **CALDOBAKE™** ovens come with an integrated pressure reducer as standard).
- minimum flow rate: **300 l/h**;
- maximum water conductivity of **1000 µS/cm**. If the water conductivity exceeds 1000 µS/cm, the water used for producing steam must be treated.

In addition to these characteristics, the incoming water must respect all the parameters specified below. It is the responsibility of the purchaser to ensure that the incoming water supply is compliant with the listed specifications through adequate treatment measures.

Using a water supply that does not meet SPIDOCOOK's minimum water quality standards will void any warranty.

► Line pressure

- Drinking water inlet: 3/4" NPT*
- Line pressure: 22 to 87 psi; 1.5 to 6 Bar (29 psi; 2 Bar recommended)

► Inflow water specifications

- Free chlorine ≤ 0.5 ppm
- Chloramine ≤ 0,1 ppm (mg/L)
- pH 7 ÷ 8,5
- Electrical conductivity: 1000 µS/cm
- Total hardness (TH) ≤ 30 °dH
- Chlorides* ≤ 120 ppm**

*this value refers to daily steam cooking of 1-2 hours. In any case, if with a total hardness ≤ 8°dH there is still production of limescale, it is mandatory to treat the water in order to avoid limescale production. We recommend water treatment systems based on ion exchange resins. Water treatment systems based on polyphosphates are not allowed. The total hardness can be measured using the SPIDOCOOK KSTR1082A kit or with equivalent tools

► Steam circuit: inflow water specifications

- Total hardness (TH) ≤ 8 °dH *
- Chlorides* ≤ 25 ppm**

** The maximum chloride content, Cl-, is not a fixed value; it depends on the calculated Non Hardness Measurement (NHM)

NHM = EC - (TH** x 30)

EC = electrical conductivity [µS/cm]

TH = total hardness** [° dH - German degrees]

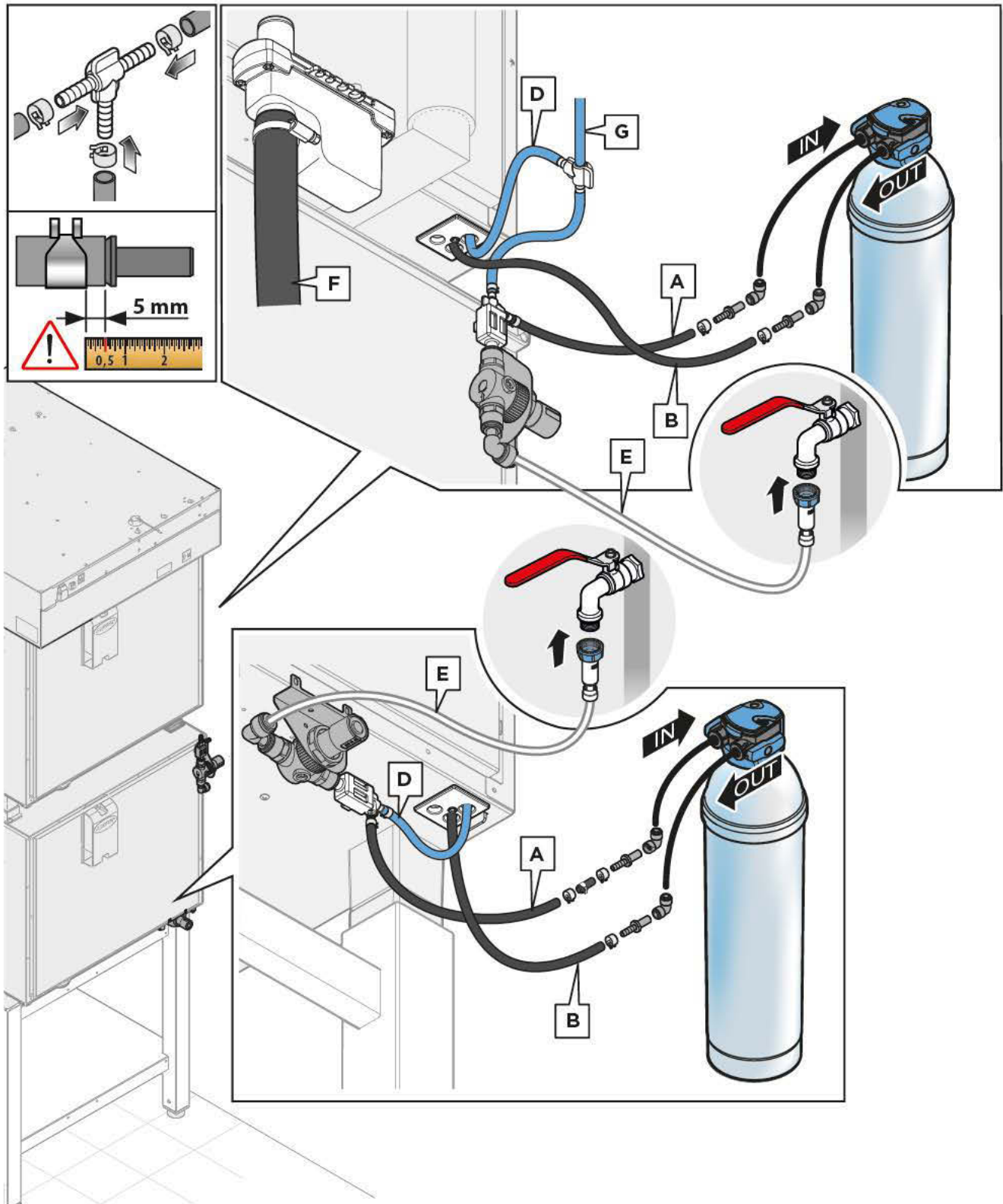
NHM ≤ 250 µS/cm	TH < 8 °dH, Cl- ≤ 25 ppm (5 drops of reagent*)	No water treatment
	TH ≥ 8 °dH, Cl- ≤ 25 ppm (5 drops of reagent*)	Pure
	Cl- > 25 ppm (5 drops of reagent*)	Pure-RO
NHM = 250 - 350 µS/cm	Cl- ≤ 20 ppm (4 drops of reagent*)	Pure
	Cl- > 20 ppm (4 drops of reagent*)	Pure-RO
NHM = 350 - 450 µS/cm	Cl- ≤ 15 ppm (3 drops of reagent*)	Pure
	Cl- > 15 ppm (3 drops of reagent*)	Pure-RO
NHM = 450 - 500 µS/cm	Cl- ≤ 10 ppm (2 drops of reagent*)	Pure
	Cl- > 10 ppm (2 drops of reagent*)	Pure-RO
NHM ≥ 500 µS/cm		Pure-RO

* use the reagent in the SPIDOCOOK KSTR1081A kit

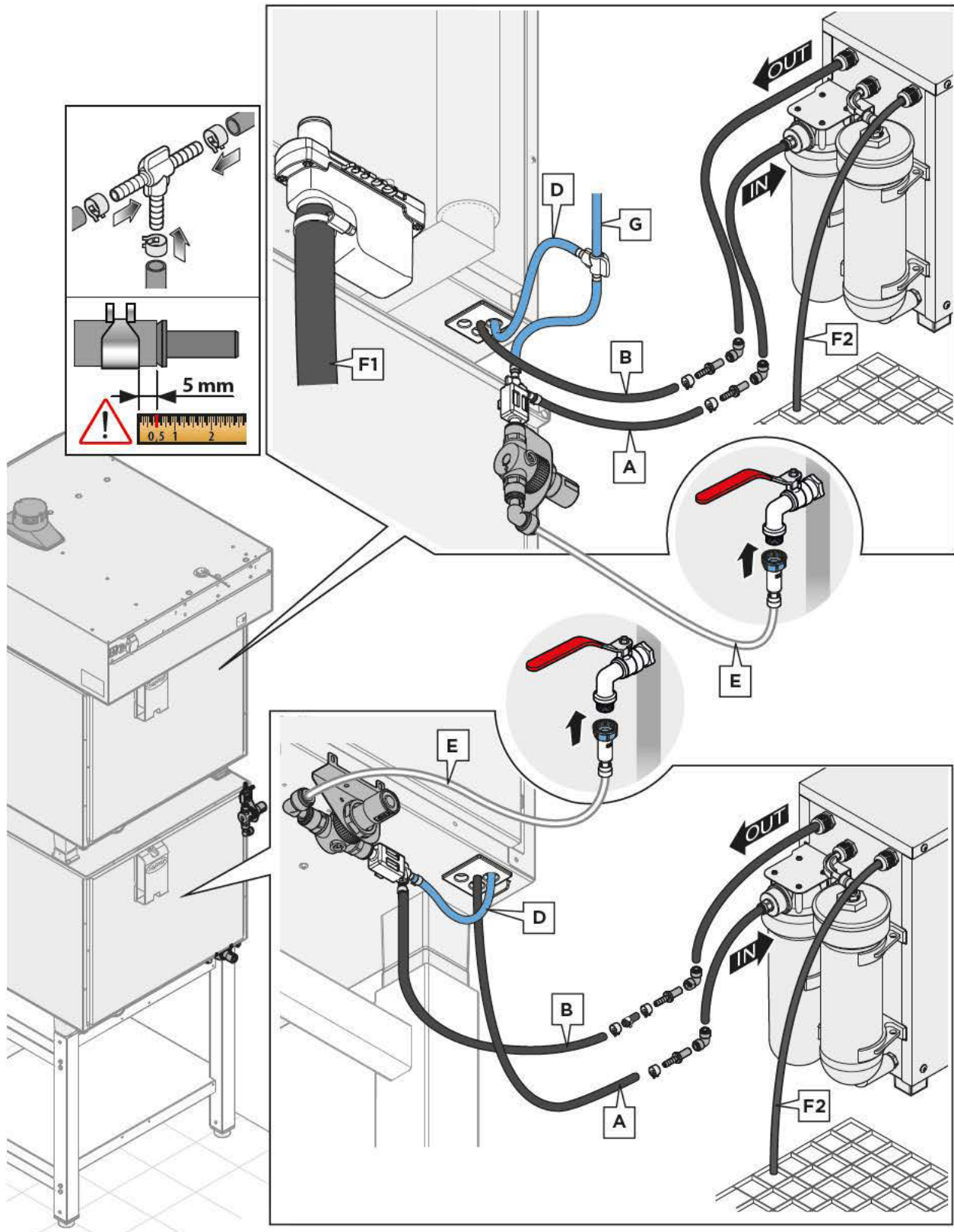
** hardness measured using the SPIDOCOOK KSTR1082A kit

If you need to install an Pure-RO, please take note of the following information:

	1 Pure-RO osmosis filter	2 parallel Pure-RO osmosis filters	
1 motor	√		
2 motors	< 15 °dH < 450 µS/cm	> 15 °dH	> 450 µS/cm
3 motors	< 10 °dH < 300 µS/cm	> 10 °dH	> 300 µS/cm



- A: Water to be treated
- B: Water for cavity steam - treated
- D: Water for OVEN cleaning
- E: Incoming water
- F: Appliance drain
- G: Water for HOOD cleaning



- A: Water to be treated
- B: Water for cavity steam - treated
- C: Connection to the detergent tank
- D: Water for cleaning - untreated
- E: Incoming water
- F1: Appliance drain
- F2: Pure-RO drain
- G: Water for HOOD cleaning

Plumbing: drainage

The drain is located:

- on the bottom of counter top ovens;
- on the back of free-standing ovens with or without trolley.

Connect the bend/siphon to a rigid pipe or flexible hose and connect the assembly to waste water drainage in accordance with local water regulations.

 SPIDOCOOK recommends its proprietary rigid pipes and flexible hoses.

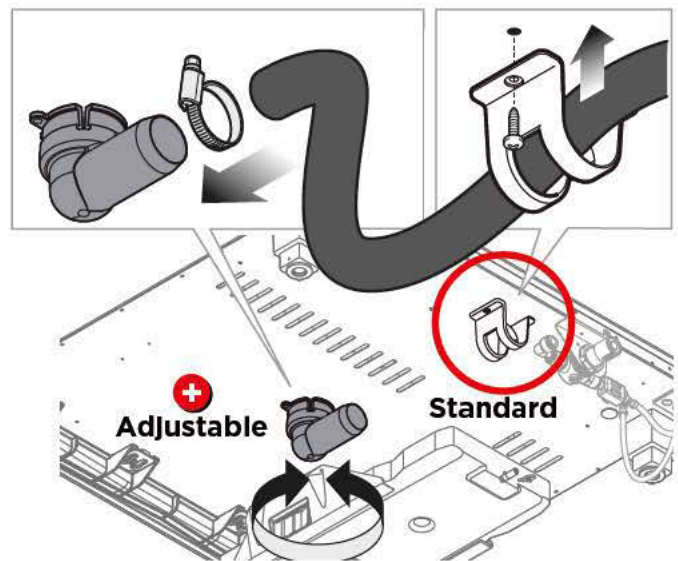
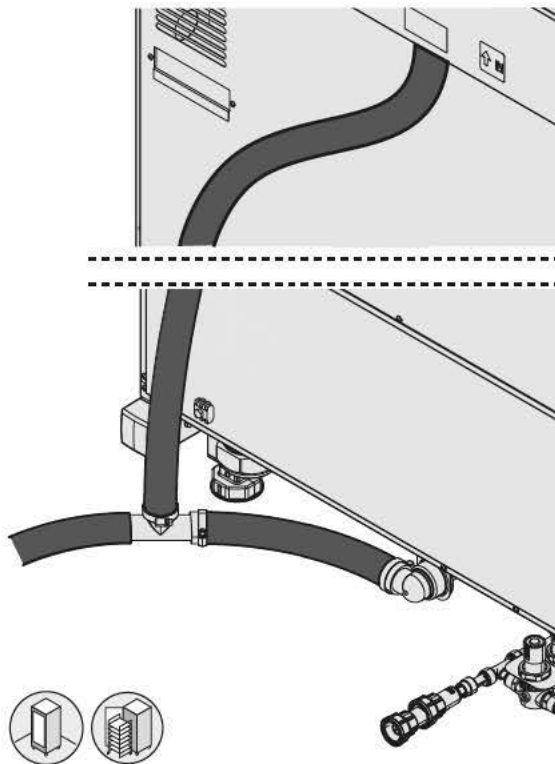


The waste water draining from the oven may be hot (90°C).

The pipes used for water drainage must be able to withstand high temperatures and not be made of metal.



If it is necessary to lower the temperature of the waste water, SPIDOCOOK recommends its waste water cooling kit.



If the **CALDOBAKE™** oven cannot be permanently connected to a drainage system, the terminal must be sealed with the conical plug provided in the "Starter kit".

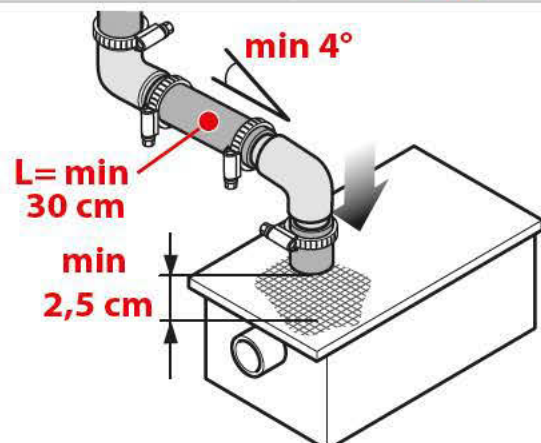
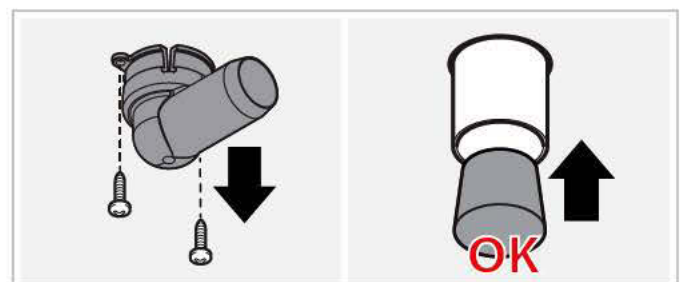
Remove elbow fitting by unscrewing the supporting screws and place the conical plug in the drainage terminal.



When the drain is blocked, DO NOT use the washing programs or wash the cavity with large quantities of water. Risk of flooding.



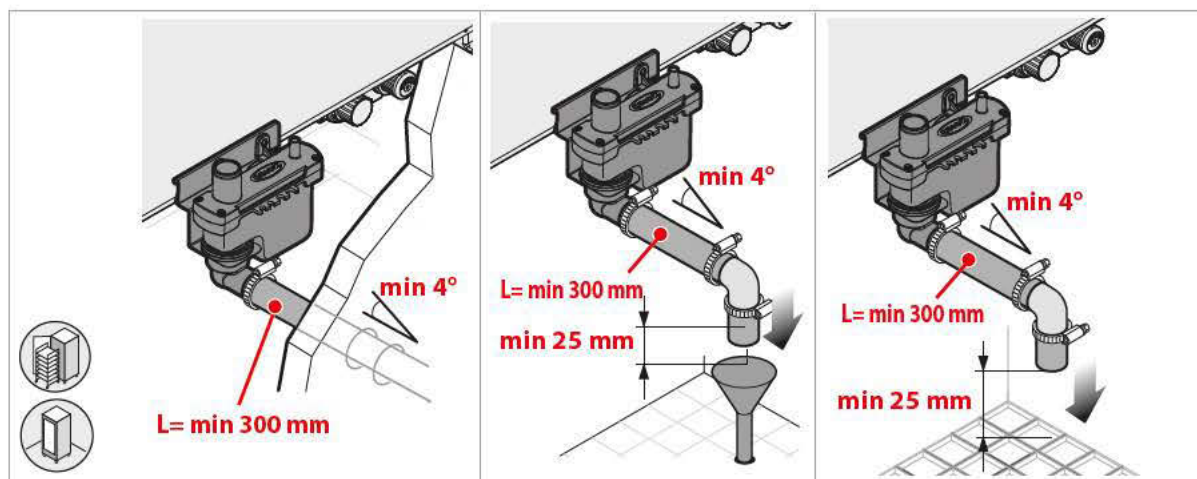
If cooking large amounts of greasy foods, remove the siphon and add a grease separator or discharge directly into the grate. Keep the indicated air gap in both cases.



Drainage specifications

The drainage system must:

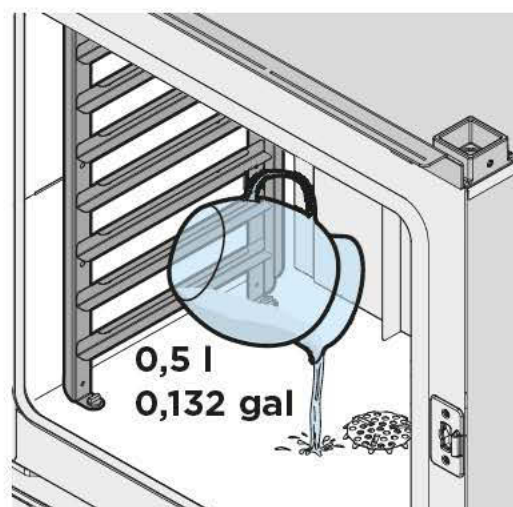
- be a siphon-type;
- be one meter in length maximum;
- have a minimum incline of 4%;
- have a diameter that is NOT less than the drain pipe attachment;
- be free of kinks and sharp ends;
- be dedicated to each appliance; if this is not the case, make sure that the main drainage pipe is sized sufficiently to ensure that water flows away properly without any problems.



(1): The wall-mounted exhaust output must have an air gap of at least 25 mm.

Siphon filling

After installation, pour at least 0.5 l (0.132 gal) in the drain in the oven cooking chamber until the siphon is filled.



10 FILLING THE DETERGENT TANK

(PLUS and ONE models only)



Filling can only be done with the 1-litre bottles of the **Det&Rinse Plus** detergent. To refill the detergent:

1. Wear gloves to avoid direct contact of hands with detergent.
2. Take out the tank from under the oven until you hear a "click".
3. Open the lid of the tank.
4. Open the cap of the SPIDOCOOK 1-litre detergent bottle without removing/piercing the protective film!
5. Turn the bottle upside down and screw it on the tank (by screwing the bottle, a pin in the tank breaks the protective film, which allows the detergent to come out).
6. Once the bottle is emptied, unscrew it to remove it; avoid dripping

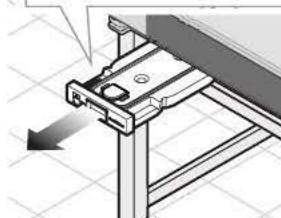
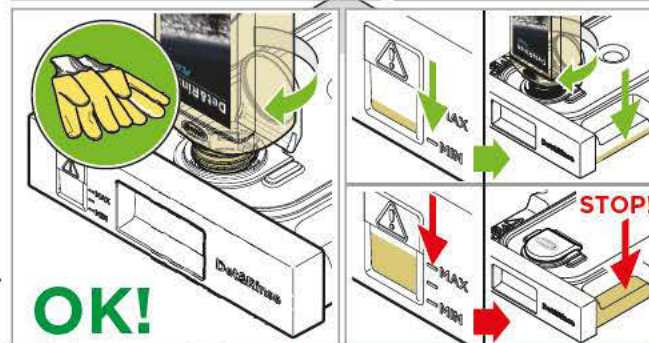
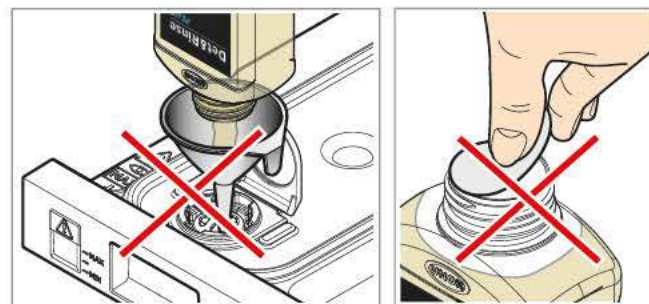


The detergent must not come into contact with skin, eyes or mucous membranes. In case of contact with the detergent, follow the instructions found on the safety data sheet.

7. Repeat the process up to the maximum level allowed indicated on the front of the tank. (Maximum capacity of the tank is 4 litres = 4 bottles)
8. Remove the bottle.
9. Replace the tank under the oven until it stops.
10. Dispose of the gloves, taking care not to touch the areas spoiled with detergent.



Never touch the detergent with bare hands!



DO NOT TAMPER WITH THE TANK AND ITS CONNECTIONS TO THE OVEN FOR ANY REASON AS THIS COULD CAUSE A RISK OF INJURY OR DEATH

11 EXHAUST (ONLY FOR ELECTRICAL OVENS)

Cooking produces hot exhaust fumes and odours that are evacuated through an exhaust pipe on the top of the appliance.

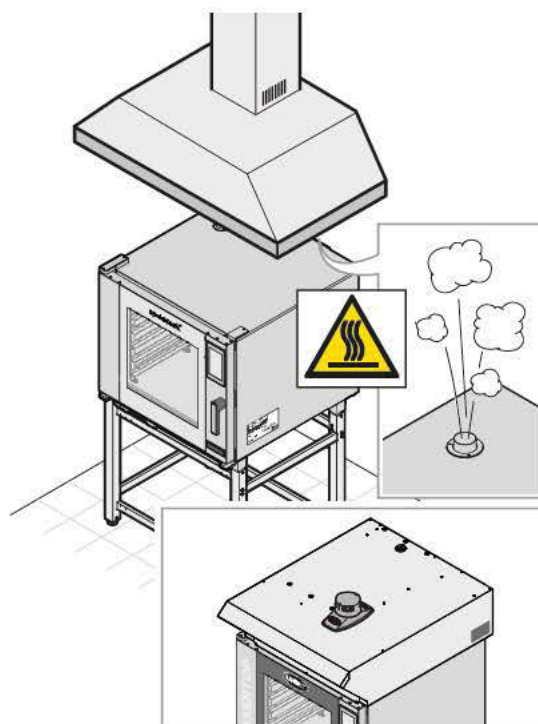


Make sure that no objects or materials that may obstruct fume evacuation or become damaged by the temperature or fumes are placed above the smoke exhaust. Do not leave flammable materials near the smoke exhaust.

Outdoor evacuation of fumes can be done using:

- A cooker hood of adequate power and size for the type of oven.
- A cooker hood made by the manufacturer and directly managed by a self-diagnosis system of the oven.

Follow the instructions on the SPIDOCOOK hood packaging for their assembly.



12 FUMES AND COMBUSTION GASSES EXHAUST (ONLY FOR GAS OVENS)

The exhaust pipes evacuate fumes and odours from the oven cavity as well as the exhaust gases. Evacuation may be done in a variety of manners: select the method best suited to the nominal power of the appliances installed; and follow the local/national installation regulations of the country of use.

- 1) Evacuation through a cooker hood of adequate power and size for the type of oven.

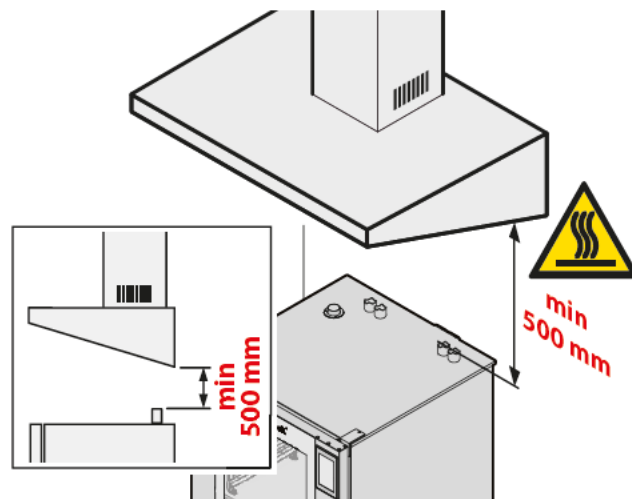
The hood must be installed at least 500mm from the exhaust pipe.



Exhaust gases may heat up to 500°C. Do not use exhaust pipes made of aluminium or materials not resistant to these temperatures.



Make sure that there are no objects or materials obstructing the flue or which may be damaged by the temperature or fumes. Do not leave flammable materials near the smoke exhausts.



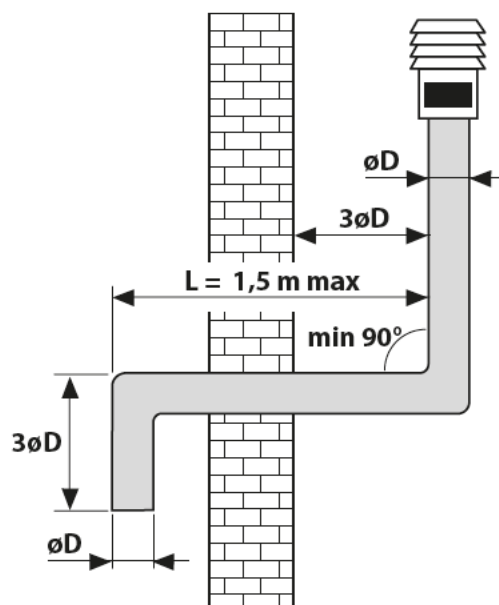
- 2) Evacuation through an efficient ventilation flue. The oven should be obligatorily equipped with a ventilation switch option provided on request by SPIDOCOOK

The ventilation flue must:

- maintain the same diameter ($\varnothing D$) as the oven's ventilation throughout its length;
- have an upright section ($3\varnothing D$) above the ventilation elbow that is 3 times the diameter $\varnothing D$;
- follow an upward trajectory at a minimum incline of 10%, and must incorporate no angles smaller than 90 degrees. The horizontal part (L) must not exceed 1.5 metres in length.

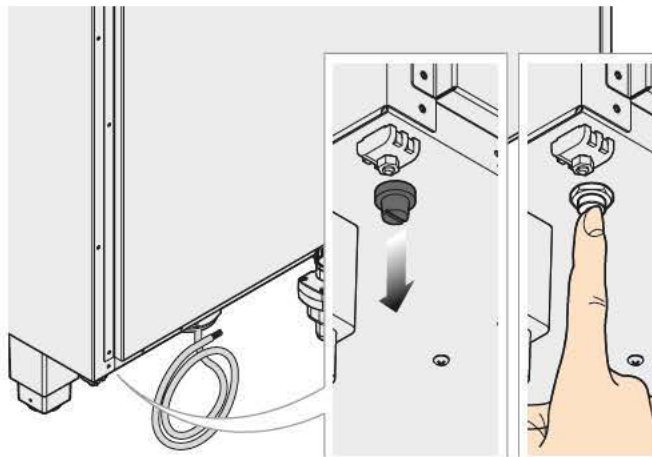


We recommend a flue cover be installed on top of the external end of the flue, to prevent rainwater from getting into the oven and to minimise pressure drops caused by the Venturi effect, which can occur during strong air currents.



13 OVEN RESETTING PROCEDURE (RESERVED FOR SERVICE CALLS)

To reset the functioning of the oven, remove the black cap of the thermostat by unscrewing it and press the red pin as illustrated (operation reserved for Service calls).



14 CONNECTING STACKED APPLIANCES (MAXI.LINK)

All ovens of the **CALDOBAKE™** line are designed to be connected to accessories (prover, hood, etc.). The accessories connect to the oven by means of ModBus connectors located on the back of the oven, which automatically connect.

- 1 Disconnect all appliance from the electricity mains.
- 2 Remove the rear panel of the oven to access the power board.
- 3 Connect the RJ45 cable to one of the ModBus outlets corresponding to the power board.
- 4 Replace the rear panel of the ovens.
- 5 Reconnect all the appliances to the electricity mains.

 Follow the instructions contained in the accessory packing for information on how to fully install and manage them.

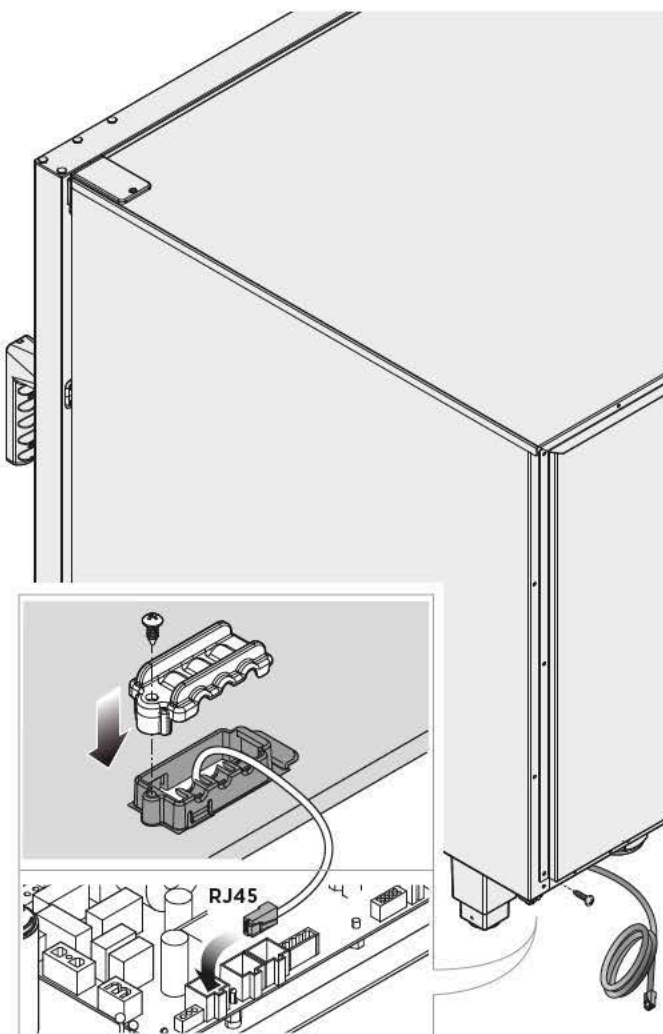


Connect the ModBus cables only to the relative ModBus connectors and not to the RJ45 Ethernet connectors.

15 PLANNED MAINTENANCE SERVICE (ANNUALLY)

- Tighten all electrical connections.
- Check the polarity of the incoming 220-240Vac and earth continuity
- Check the unit is set for the correct gas pressures and gas type.
- Complete a full safety check of the gas system CO-CO₂ emission according to the oven model
- Check all connection for gas leaks with an electronic gas leak detector
- Check the ionization current from the flame sensor

For the maintenance refer to your local reseller or contact directly SPIDOCOOK Italy.



DISPOSAL

Pursuant to article 13 of Italian Legislative Decree 49 of 2014 "Implementation of the WEEE Directive 2012/19/EU on waste electrical and electronic equipment"



The crossed-out wheellie bin symbol indicates that the product was placed on the market after 13 August 2005 and that, at the end of its useful life, it should not be disposed of with other waste, but must be collected separately.

All appliances are made with recyclable metal materials (stainless steel, iron, aluminium, galvanized steel, copper, etc.) in percentages above 90% by weight.

Before disposal, ensure the appliance is unusable by removing the power cable and all compartment or cavity closure devices (where present).

At the end of its useful life, the product must be disposed of in such a way as to reduce any negative impact on the environment and make efficient use of available resources. Prefer prevention, preparation for reuse, recycling and reclamation, and remember "the polluter pays". Please note that illegal or incorrect disposal of the product incurs penalties, as provided for by current legislation.

Information on disposal in Italy

In Italy, WEEE appliances must be delivered to:

- recycling centres (also known as waste disposal sites/facilities)
- the dealer from whom a new appliance is purchased, who is required to collect them free of charge ("one-for-one" exchange);

Information on disposal in European Union countries

The EU Directive on WEEE appliances has been implemented differently by each country. Therefore, if you want to dispose of this appliance, we recommend you contact your local authority or dealer for information on the correct disposal method.



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