

CE

GAS or FUEL fixed rack bakery oven (CF80)



RUNI FX DD V2



SPEC SHEET : F9P-G000002-GB

Pictures are not contractual.
The company reserves the right to change specifications without notice - Copying forbidden.

INSTALLATION

This machine is designed for professional use and therefore must be installed in a work space which is NOT ACCESSIBLE TO THE PUBLIC for obvious safety reasons.



Electric, hydraulic and gas connections must comply with the applicable regulations and must be done by qualified workers.

BEFORE THE INSTALLATION, MAKE SURE THAT :

The equipment must be set up on a flat floor, with a sufficient safety allowable load.

The oven will be installed on a **FIREPROOF SUPPORT (IMPERATIVE)** : wood, etc. ... BANNED for obvious safety reasons. The support must withstand a minimum temperature of 300°C.

The oven shouldn't be in touch with any wall. Keep at least:

- ✓ Control board side : 10 mm to avoid condensation problems
- ✓ Hinges side : 60 mm for door opening
- ✓ The wall clearance at rear of the machine is at least 100mm (400 mm if steam exhaust duct is at rear of the oven and not at the top) to ensure that oven works well.
- ✓ The free space above the machine is at least 400 mm.

The room lay-out and the ventilation must comply with the legal standards.

An adequate natural airflow must be provided around the equipment
The hood exhaust should have a sufficient natural draft with an adequate section.

Important service area : service access to the technical part must be provided.



Do not store or use gasoline or other flammable vapours or liquids in the vicinity of this or any other appliance.

POWER SUPPLY

Each appliance must be individually protected with a system close to the appliance, easily accessible and in conformity with legislation.

Note : the EARTH continuity circuit must be provided between the appliance and its electrical connection.

Be sure to ground the appliance. Do not connect the ground wire to gas or water pipes, lightning rods, or telephone grounding lines. If the appliance is not properly grounded, electric shock may result.

The customer must install a differential circuit breaker (1/ oven).

The power supply voltage must match the rated voltage specified on the nameplate.

The equipment is supplied with a power supply cable 3,5 m.



The electrical supply connection must be made according to the standards in the country of installation by a technician qualified and authorized to issue the declaration of conformity with applicable regulations on the day of installation.



If for any reason, the oven is power off, the door opens itself.

Thus, if a postponed starting is programmed it will not start, except when the door is closed back before the programmed starting time.

WATER SUPPLY



Appliances connected to drinking water supply must be equipped with means of protection against return to the drinking water circuit, and installed according to the national regulations in force.

The hydraulic connections must be made according to the standards in the country of installation by a technician qualified and authorized to issue the declaration of conformity with applicable regulations on the day of installation.

Valve Ø 3/4" to 1 m above the floor, close to the equipment and easily accessible.

At the output of this valve, pipes and connection need to be prepared.

The water solenoid valve is equipped with a flow reducer. At 3 bar, the flow is about 3,3 L/mn. If necessary, the water flow can be increased by exchanging the reducer model.



When the analysis results of water are critical, it is deeply recommended to treat the inlet water to avoid any scaling problem.



If your water does not meet the quality criteria indicated in the section «Water quality», it may cause a malfunction even the degradation of the appliance. Non complying with our requirements may result in voiding the warranty.

GAS SUPPLY



The isolating valve must be fitted close to the appliance so it can be shut in case of emergency (Not supplied with the oven).

The gas connection must be made according to the standards in the country of installation by a technician qualified and authorized to issue the declaration of conformity with applicable regulations on the day of installation.

If several ovens are installed on the same supply, respect the aggregate of the sections for the main supply pipe.

If the length of the supply pipe is great, increase its section accordingly.

In case of juxtaposed ovens, it is IMPERATIVE to foresee an independant evacuation of burnt gases for each oven.



To avoid accumulation of unburned gas, a continuous supply of fresh air must be ensured around the gas supply device (bottles or network gas supply).

The gas supply pipe must meet national standards in the country of installation and must be systematically checked during the annual maintenance of the oven.

At the slightest suspicious smell of gas, do not touch any electrical switches, immediately shut off the gas supply to the main supply valve as well as the electrical main supply of the premises and then call your gaz technician from a **TELEPHONE** located **OUTSIDE YOUR PREMISES**.



After commissioning, the specialist installer for GAS/FUEL (approved by the burner manufacturer) must give you the commissioning report on which must appear the combustion readings. This document is to be retained throughout the oven lifetime.

In case of problem, this document will be an evidence with regard to the insurance and competent authorities that commissioning has been done in compliance with the applicable regulation.

HOOD CONDENSATES DRAINING

Ø 20 mm : Connect vertically a reinforced flexible hose for draining of condensates and suitable for temperatures around 100°C.

CONDENSATION DRAIN

The set : Elbow fitting Ø 3/4"MF + Reducer FF Ø 3/4"-Ø 1/2" + U-bend Ø 1/2", is supplied with the oven (to be fitted on the oven overflow pipe when installing).

STEAM EXHAUST

For drains it is recommended to use stainless steel
Pipes fitting : Female / oven side, male / outlet.

Oven outlet : tube Ø 153 mm

Hood :

- ✓ Sound power : from 58 dB(A) (Low speed hood) to 71 dB(A) (High speed hood)
- ✓ Air flow : from 400 m³/h (Low speed hood) to 1000 m³/h (High speed hood)



Warning ; under specific conditions, flour dust can ignite and create an explosive atmosphere. It is therefore imperative to operate the hood during baking to avoid the accumulation of flour dust around the extractor and to proceed with a regular maintenance with a professional vacuum cleaner.



It is forbidden : to connect the steam exhaust pipe to a chimney dedicated to the fumes / to reach the outside with an horizontal pipe.

EVACUATION OF BURNT GASES

Outlet in Ø 153 mm equipped with a manual resetting safety device, which has to be IMPERATIVELY connected (when the draught or the exhaust is bad, the safety device disconnects the oven supply)



The safety device governing the extraction of fumes **MUST NOT** be bypassed.
If any problem occurs following the non respect of this safety advice, we can in no case be held responsible.

The appliance has to be connected to an evacuation duct for the burning fumes suitable with the type of burner.
The minimum vacuum pressure at the appliance nozzle must be 0,1 mbar.

The chimney has to be manufactured in compliance with the applicable regulations. The steam drain must be separated from the fumes duct. Pipes fitting : Female / oven side, male / outlet.

In case of juxtaposed ovens, it is IMPERATIVE to foresee an independant evacuation of burnt gases for each oven.

We draw your attention on the exhaust vent lines for steam and combustion products. They **MUST** be installed and serviced by a **PROFESSIONAL CHIMNEY INSTALLER** due to the risks incurred when the exhaust vent lines are not correctly built up and assembled.

The exhaust vent installer is just the sole person skilled to think about lengths, diameters, elbows, for the exhaust vent lines according to the technical data of the equipment, local place, and the standards in force in the installation place environment.

The quality of the chimneys draft has an influence on the baking quality.

We can under no circumstances be held responsible for any malfunction of the appliance due to exhaust vent lines which could not meet the requirements of the technical rules and the laws in force.

RECYCLING OF END-OF-LIFE EQUIPMENT

Disposing of end of life equipment must be done in compliance with the standards and any local regulations in force the day of dismantling.

The dismantling of the oven has to be done by a company entitled for elimination of industrial wastes.

The electrical, gas and water networks supply have to be definitely cut-off by qualified workers.

This company will proceed to the dismantling in compliance with the applicable regulation (sorting out of components and dispatching of wastes in the appropriated waste disposal sites).



The insulating material that surrounds the oven cooking chamber must be stored in strong plastic bags that must be left in specialized landfill. This material can irritate if in contact with skin or the alimentary canal.
It is imperative to wear protective clothing, a mask and gloves.

APPLIANCE CHARACTERISTICS

The oven is made of :

- ✓ A stainless steel sheet assembly forming the tighten chamber.
- ✓ A glass door with closure by electromagnet.
- ✓ An external stainless steel shell.
- ✓ A stainless steel front face.
- ✓ An automatic hood with 2 speeds controlled by electronic (the frontage can be removed without any tool).
- ✓ A gas burner or A fuel burner
- ✓ Easy access to the heat exchanger (fixed by brackets).
- ✓ An electronic control panel built in the door band



RUNI FX DD V2

Control of the following functions
(According to the oven
equipment) :

- ✓ Steam
- ✓ Exhaust vent (damper)
- ✓ Hood
- ✓ Energy saving
- ✓ Postponed starting

or



E-Drive : Touchscreen regulator (option)

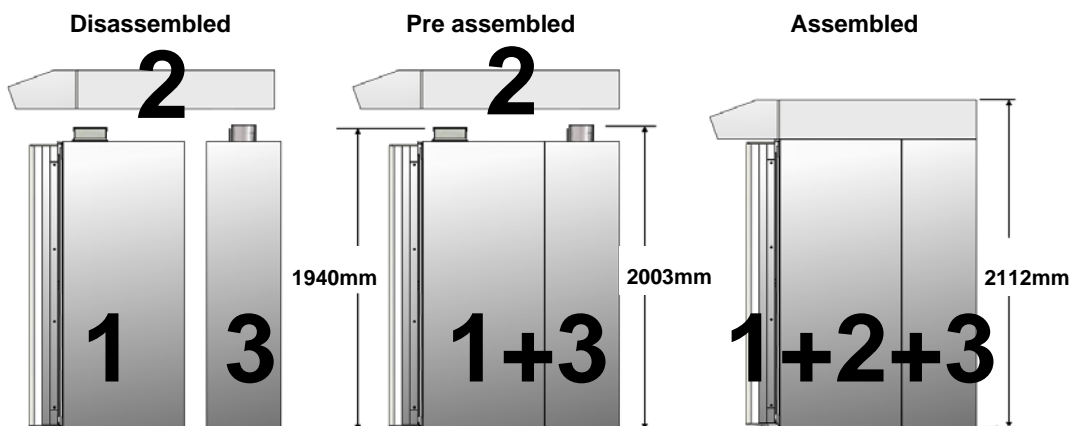
Control of the following functions (According to
the oven equipment) :

- ✓ Steam
- ✓ Exhaust vent (damper)
- ✓ Hood
- ✓ Energy saving
- ✓ Weekly planning
- ✓ 100 possible registered programs :
 - * 1 manual program
 - * 3 continuous baking programs
 - * 96 recipes with 6 possible phases

Options :

- ✓ Steam exhaust connection kit from back :
 - * oven 400x600mm - 460x660mm (9P-12RACGA0Y00/1)
 - * oven 400x800mm - 460x800mm (9P-12RACGAX00/1)
- ✓ Voltage : ~3x230V+G or ~1x230V+N+G
- ✓ Stainless steel hose for GAS supply (9P-12FLXGA000)
- ✓ Moderator (9P-12MODGA000)
- ✓ Stopgap control «MINICOM» (9P-12TSEG0000)
- ✓ Electrical protection (9P-12PROTELEC)
- ✓ PAKAGING
 - * Pre assembled (9P-12MDDGA000)
 - * Disassembled (9P-12D00GA000)

3 POSSIBLE PACKAGINGS

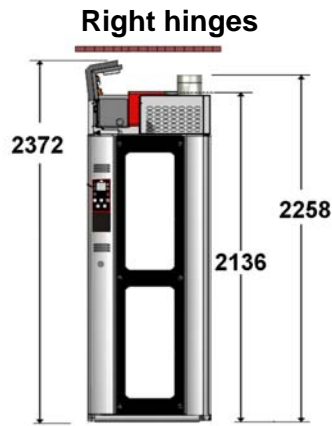


Handling palett dimensions :
1900 x 850 x 150
Package dimensions :
1900 x 850 x 2300

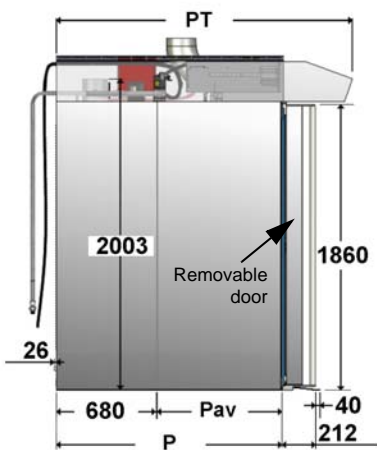
Pre assembled : Electric box located at the top of the oven but disconnected :

Disassembled : Electric box located at the top of the oven but disconnected + Front and rear parts linked up with 4 screws for transportation

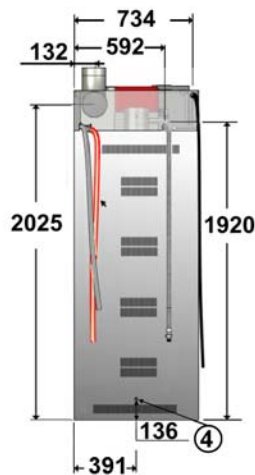
SPEC SHEET : GAS or FUEL fixed rack bakery oven (CF80)



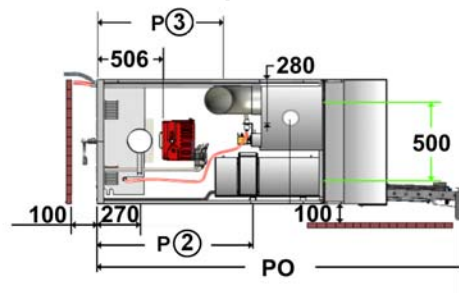
Side view



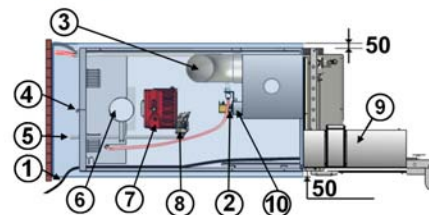
Rear view



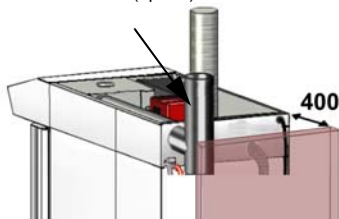
Top view



Area which can be built in



Connection kit for rear steam exhaust (option).



Inlets ① ② ⑤ and outlets ③ ④ are at customer's charge and have to be in-service the day of installation.

When the analysis results of water are critical, it is deeply recommended to treat the inlet water to avoid any scaling problem.

The wall clearance at rear of the machine is at least 100mm [400 mm if steam exhaust duct is at rear of the oven and not at the top] to ensure that oven works well.

The free space above the machine is at least 400 mm.

The oven shouldn't be in touch with any other appliance. Keep at least 50 mm to avoid condensation problems.

- ① Electrical connection through junction box at 1 m of the coupling point.
- ② Cold water connection \varnothing 3/4" : 3 bars mini - 5 bars maxi.
- ③ Steam exhaust pipe : Hood outlet : tube \varnothing 153 mm.
- ④ Purging \varnothing 3/4"+ reducer \varnothing 3/4"- \varnothing 1/2"+U-bend \varnothing 1/2" (supplied with the oven).
- ⑤ Gas supply: Gas connector stainless steel flex 20/27 (not supplied).
- ⑥ Exhaust of burnt gases \varnothing 153 mm (equipped with a safety device with manual rearmament).
- ⑦ Gas burner \varnothing 1/2" - Fuel burner \varnothing 10mm.
- ⑧ GAZ solenoid valve \varnothing 1/2".
- ⑨ Sliding electric box.
- ⑩ Exhaust vent motor.

Heating power : 48 kW

Electrical power maxi : 3,6 kW

Intensity / Voltage : 5,17 A / ~3x400V+N+G

8,52 A / ~3x230V+G (option)

14,75 A / ~1x230V+N+G (option)

Number of turbines : 4

Low speed hood : Sound power : 58 dB(A) / Air flow : 400 m³/h / High speed hood : Sound power : 71 dB(A) / Air flow : 1000 m³/h

Normal pressure inlet :

Natural Gas : G20 : 5,07 m³/h

G25 / 5,92 m³/h

Butane : G30 : 1,49 m³/h

Propane : G31 : 1,96 m³/h

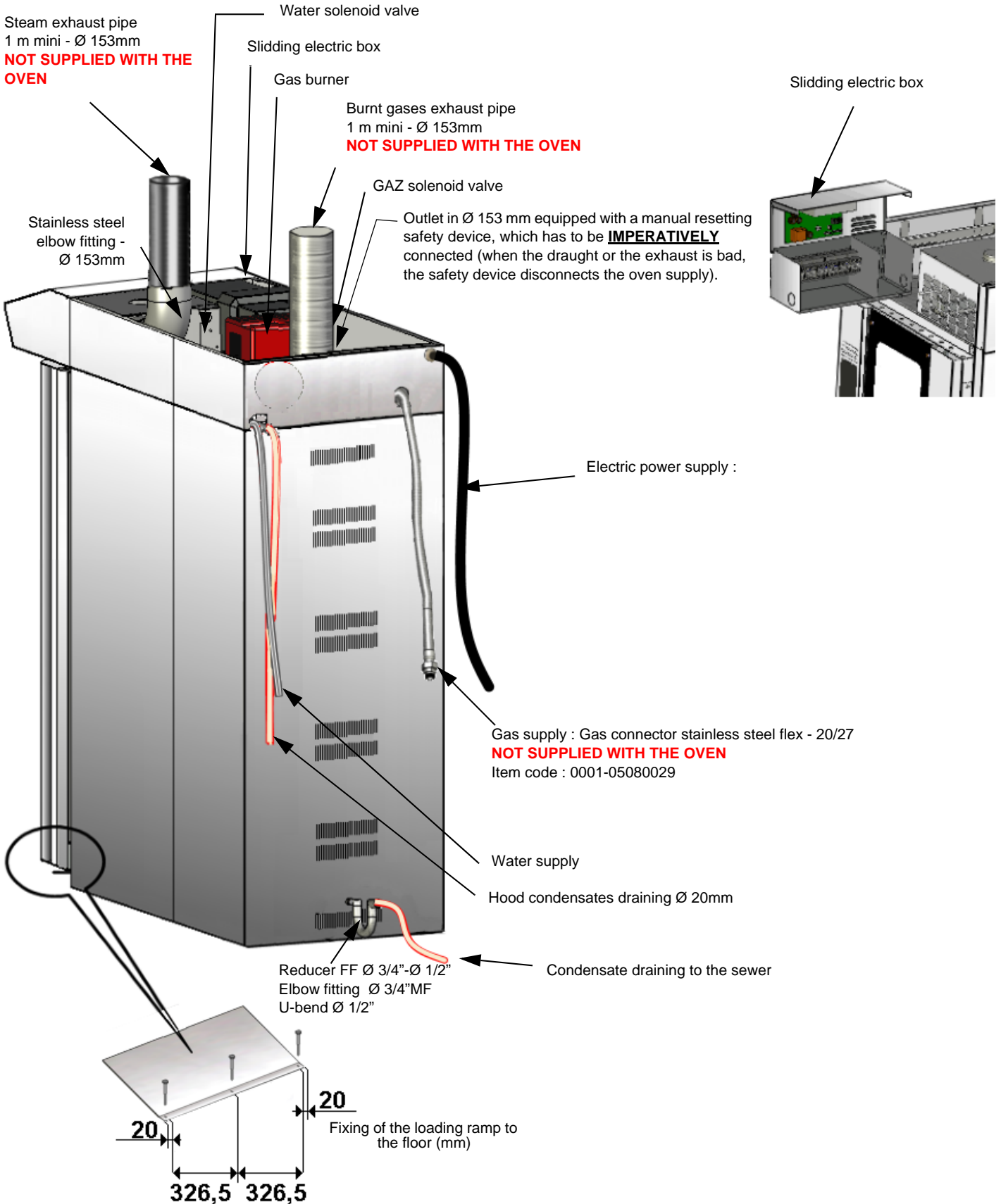
Fuel oil : 4 Kg / h

Model / Gas	9P-12FGA	9P-12BGA	9P-12AGA	9P-12UGA
Model / Fuel oil	9P-12FFU	9P-12BFU	9P-12AFU	9P-12UFU
Trays dimensions mm	460x800	400x800	400x600	460x600
P	1572 mm		1432mm	
Pav	892 mm		752 mm	
PT	2004 mm		1864 mm	
PO	2395mm		2255mm	
P②	1171 mm		1031 mm	
P③	1087 mm		947 mm	
Weight Kg	850		770	

REAR VIEW / CONNECTIONS PRINCIPLE



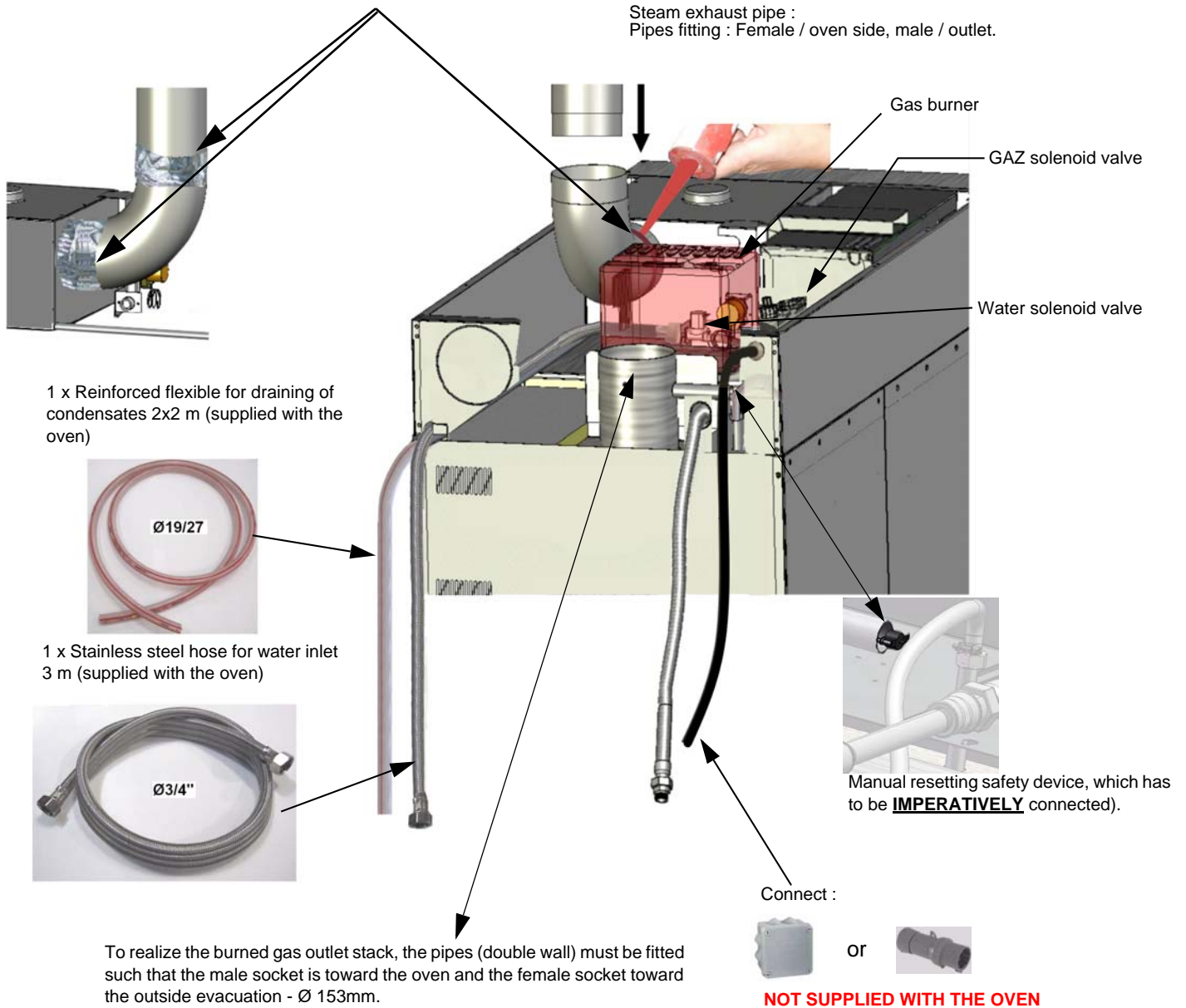
The oven must be aerated in an ambient atmosphere below 32°C (90°F), to ensure its proper operating. **Do NOT OBSTRUCT THE OVEN VENTILATION GRIDS.**





Seal with high temperature silicone and then cover with aluminium scotch.

NOT SUPPLIED WITH THE OVEN



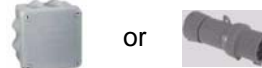
1 x Reinforced flexible for draining of condensates 2x2 m (supplied with the oven)



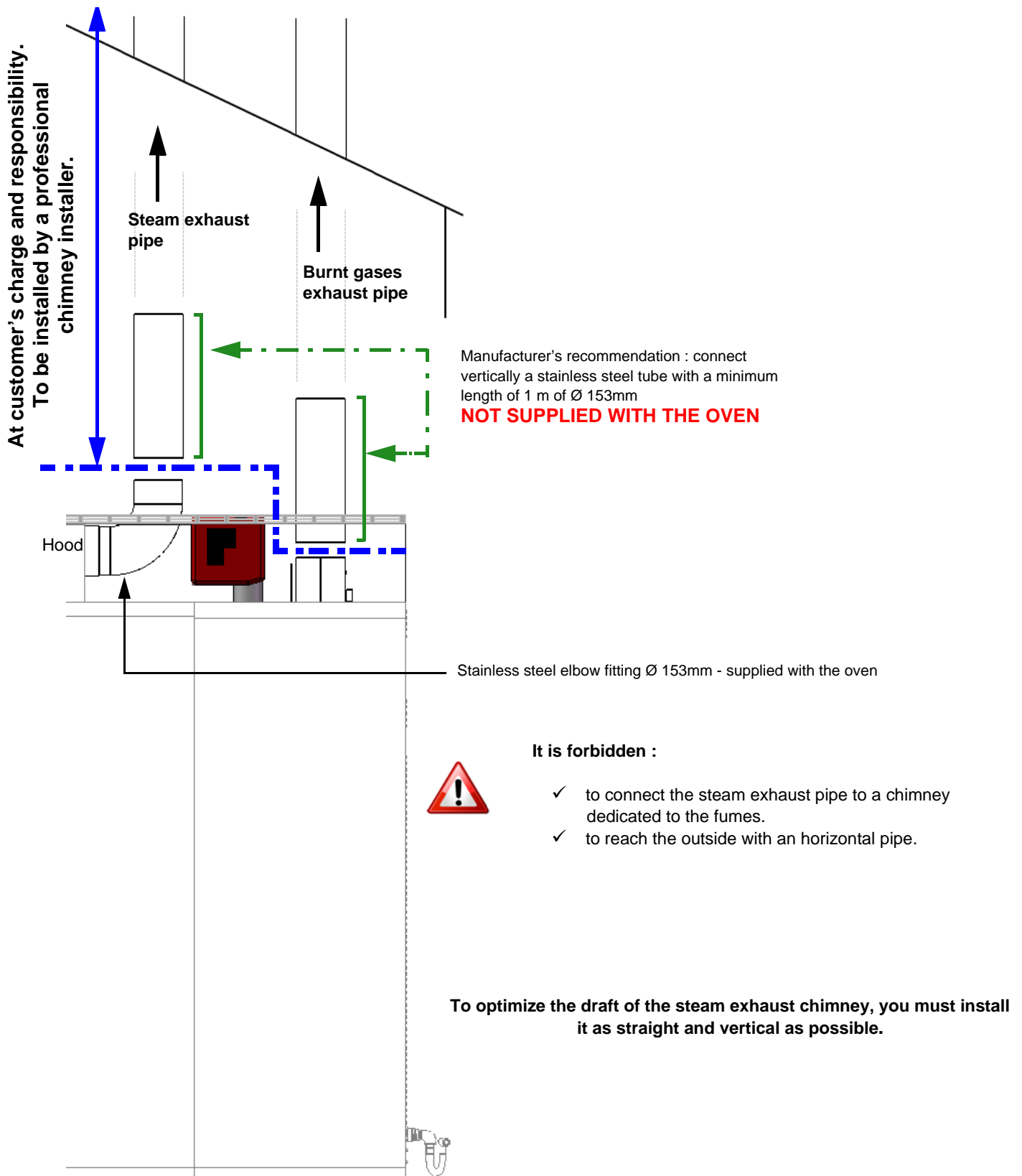
1 x Stainless steel hose for water inlet 3 m (supplied with the oven)



Connect :



NOT SUPPLIED WITH THE OVEN



Exhaust of the combustion products :

The appliance has to be connected to an evacuation duct for the burning fumes suitable with the type of burner.
To realize the burned gas outlet stack, the pipes (double wall) must be fitted such that the male socket is toward the oven and the female socket toward the outside evacuation. For drains it is recommended to use stainless steel.

The minimum vacuum pressure at the appliance nozzle must be 0,1 mbar

In case of defective evacuation, a safety device with manual resetting cuts the supply of gas to the burner.

This device is located on the oven nozzle.

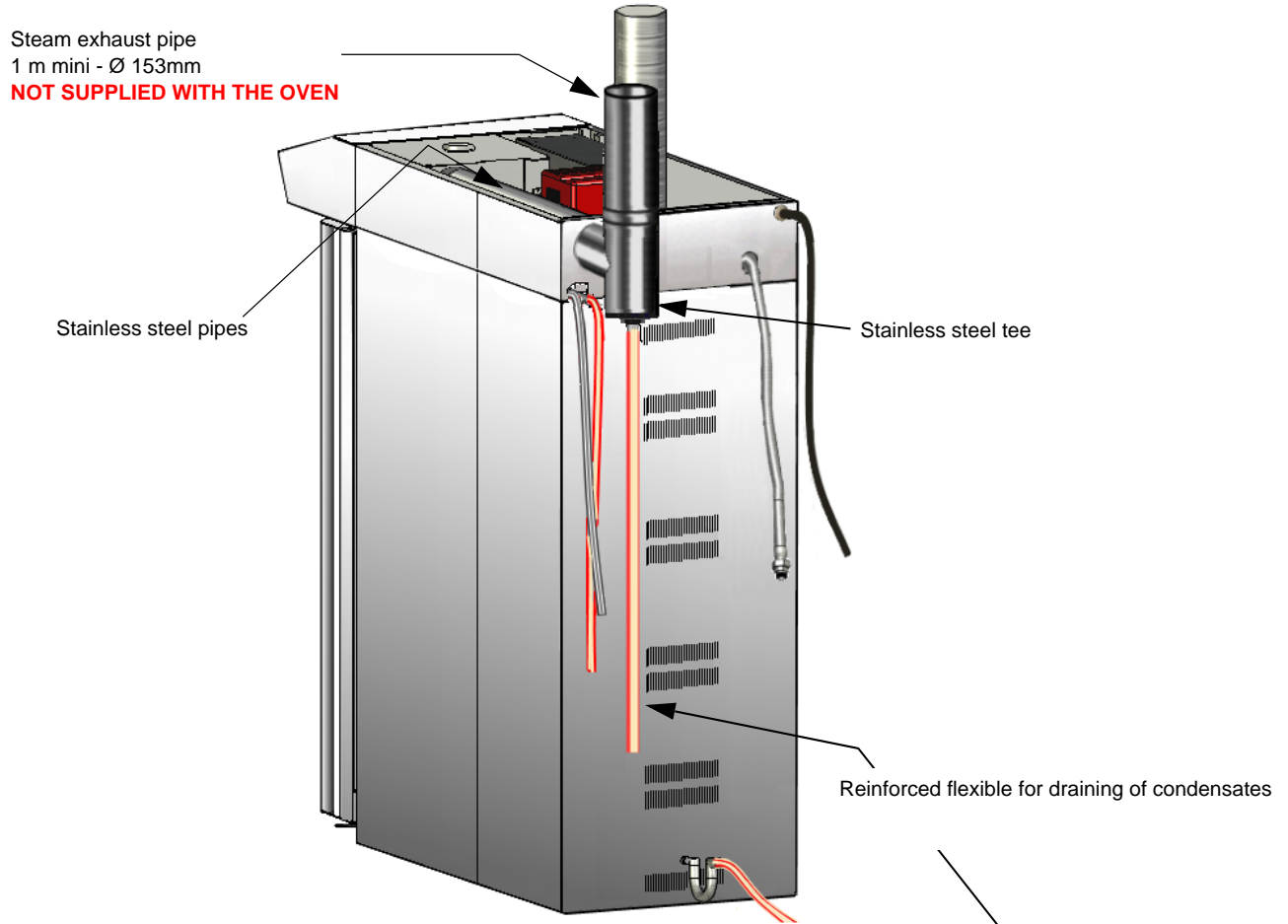
The safety device governing the extraction of fumes MUST NOT be bypassed.

In case of juxtaposed ovens, it is IMPERATIVE to foresee an independant evacuation of burnt gases for each oven.

A yearly chimney-sweeping is IMPERATIVE.

OPTION : STEAM EXHAUST CONNECTION KIT FROM THE BACK

The wall clearance at rear of the machine is at least 400 mm if steam exhaust duct is at rear of the oven and not at the top to ensure that oven works well.



Not supplied with the oven



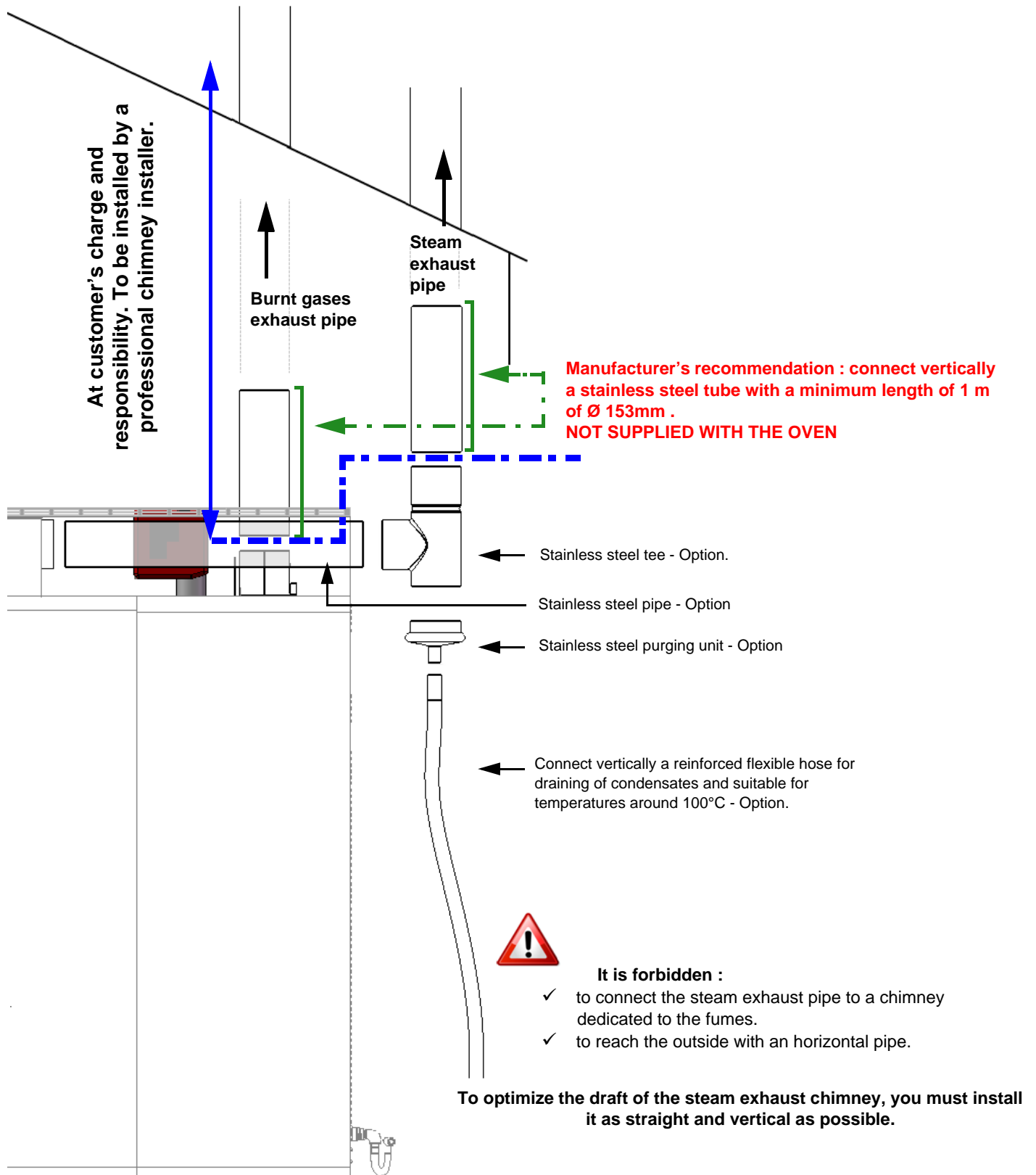
Replaced by :

OVEN : 400x600mm - 460x660mm
OPTION : Ref : 9P-12RACGA0Y00/1



OVEN : 400x800mm - 460x800mm
OPTION : Ref : 9P-12RACGA0X00/1





Exhaust of the combustion products :

The appliance has to be connected to an evacuation duct for the burning fumes suitable with the type of burner. To realize the burned gas outlet stack, the pipes (double wall) must be fitted such that the male socket is toward the oven and the female socket toward the outside evacuation. For drains it is recommended to use stainless steel.

The minimum vacuum pressure at the appliance nozzle must be 0,1 mbar

In case of defective evacuation, a safety device with manual resetting cuts the supply of gas to the burner.

This device is located on the oven nozzle.

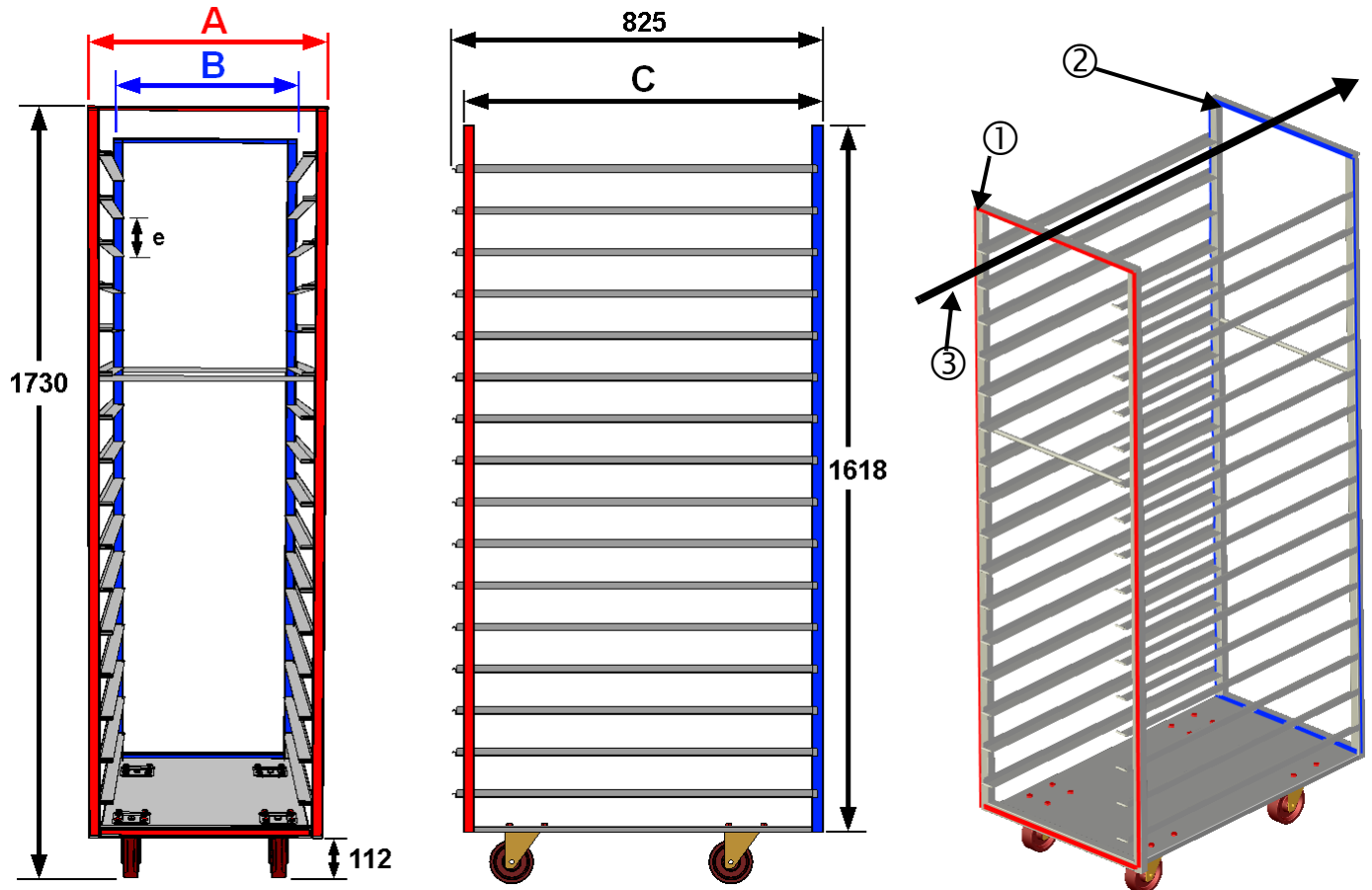
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A yearly chimney-sweeping is IMPERATIVE.

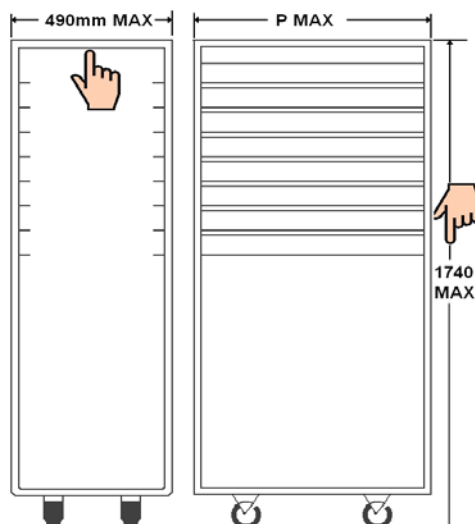
TROLLEYS CHARACTERISTICS

Trays dimensions	400x600mm	400x800mm	460x660mm	460x800mm
A	463mm		530mm	
B	411mm		475mm	
C	648mm	848mm	702mm	848mm
e	16 levels : 95mm - 12 levels : 125mm			



- ① Front part of the trolley larger than rear part. Trays are inside the frame.
- ② Rear part of the trolley less large than front part. Trays are in line with the frame
- ③ Way to insert the trolley in the oven

With competitors trolleys :



P MAX :

- ✓ 690 mm : trays 40x60
- ✓ 825 mm : trays 40x80

BEFORE ANY WORK ON THE EQUIPMENT

ELECTRICITY



**Before any work on electrical parts, cut off the supply to the appliance at the external disconnecting switch.
Beware of capacitor voltage.**

To disconnect the appliance from the electric plug, never pull the wire.



DO NOT TOUCH THE APPLIANCE

- **With a wet part of the body.**
- **If you are barefoot.**

All work on the equipment must be done by a qualified and certificated staff.
In case of false alarm of safety system, it is essential to contact your distributor.

GAS / FUEL



BEFORE EACH INTERVENTION ON THE BURNER OR EVACUATION, CUT OFF THE GAS/FUEL SUPPLY AT THE EXTERNAL SUPPLY VALVE AND THE ELECTRICAL SUPPLY AT THE EXTERNAL DISCONNECTING SWITCH.

All work on the equipment must be done by a qualified and certificated staff.
In case of false alarm of safety system, it is essential to contact your distributor (Especially in case of change of gas category).



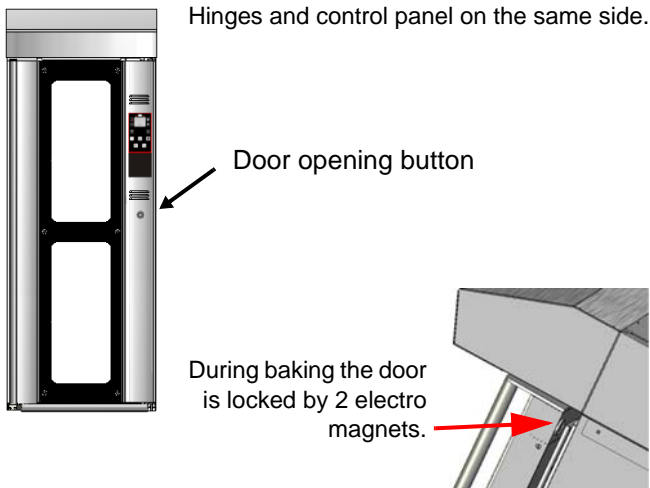
WHAT TO DO IF IT SMELLS GAS ?

At the slightest suspicious smell of gas, do not touch any electrical switches, immediately shut off the gas supply to the main supply valve as well as the electrical main supply of the premises and then call your gaz technician from a **TELEPHONE** located **OUTSIDE YOUR PREMISES**.

Evacuate the building.

If you cannot reach your gas supplier, call the fire department.

DOOR HINGES



When the oven is installed against a wall :

- ✓ for an oven with door hinges wall side : 100mm are needed between the oven and the wall for the door opening
- ✓ otherwise, make door hinges forecast in the opposite side

In case of layout change in your room, the door can be reversed at low cost (only 1 door side to change) by your dealer.

WATER QUALITY

Although if clean and safe for consumption, the water supplied can have a bad taste (caused by the chlorine), be corrosive or cause calcareous deposits.

After analysis, when the water characteristics reach critical levels, it is imperative to install a water treatment system upstream to increase the life duration of your equipment.

Depending on the concentrations of chloride, carbonate and the pH value, it may also be necessary to treat water to reduce the corrosion risks

A system of water treatment is strongly recommended in the following cases :


- ✓ if the water hardness is greater than or equal to 15°f : Hard water. It is a calcareous water that generates a very important scale deposit especially in hot condition (60°C).
- ✓ if it is a very soft water (TH<9°f) and a pH more than or equal to 7 : Corrosive water termed aggressive. Aggressive water involves the metal rust. The soft water corrosiveness is increased when its pH is acidic.
- ✓ if the pH is less than 6.8 or more than 7.5.
- ✓ for high concentrations of chlorides or nitrates.

Depending on water analysis results , various solutions are possible : neutralizing filters, water softener, activated carbon filters, ... A water treatment specialist will be able to propose you a solution in compliance with your installation and based on the water analysis results.

Once the treatment system installed, check its effectiveness through further analysis of the water.

The regular system maintenance as per the manufacturer's recommendations is imperative to maintain permanently a water quality suitable with the equipment.

The sediments presence in water is another factor to take into consideration. In such a case, a mud filter has to be added to the system.

 **If your water does not meet these quality criteria it may cause a malfunction even the degradation of the appliance.**

Non complying with the above mentioned requirements may result in voiding the warranty.

N.B : The water hardness is its calcium and magnesium content. The hydrotimetric title (TH) is measured in French degrees (°f): 1°f = 4 mg of calcium + 2.4 mg of magnesium per liter.