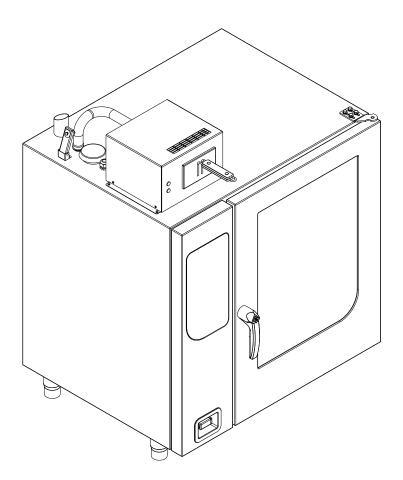




Read the operating instructions prior to commissioning

# FlexFusion® ELECTRIC PLATINUM COMBI with smoker box



# Installation manual

### Model

FPE-**615** 

FPE-**621** 

FPE-115

FPE-**121** 

### Manufacturer



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### 1 Introduction

### 1.1 About this manual

The installation instructions are part of the unit and contain information on safe installation of the unit.

Observe the following notes and adhere to them:

- Read the installation instructions completely prior to installation.
- Make the installation instructions available to the installation fitter at the operating site at all times.
- Preserve the installation instructions throughout the service life of the unit.
- Insert any additions from the manufacturer.
- Pass on the installation instructions to any subsequent operator of the unit.

Target group The target group of the installation instructions is trained qualified personnel that is familiar with installing and operating the unit.

**Figures** All figures in this manual are intended as examples. Discrepancies can arise between this and the actual unit.

### 1.1.1 Explanation of signs

### **▲ DANGER**

### **Imminent danger**

Failure to comply will lead to death or very severe injuries.

### **MARNING**

### **Potential danger**

Failure to comply can lead to death or very severe injuries.

### **A** CAUTION

### **Dangerous situation**

Failure to comply can lead do slight to moderately severe injuries.

### **NOTICE**

### **Property damage**

Failure to comply can cause property damage.

### **INFORMATION**

### Information

Notes for better understanding and operation of the unit.

Symbol / sign	Meaning
•	Listing of information.
$\rightarrow$	Action steps which can be performed in any sequence.
1. 2.	Action steps which must be performed in the specified sequence.
<b>-</b> >	Result of an action performed or additional information relating to it.



### 1.2 Personnel qualifications

### **Explanation of qualification**

Skilled personnel	<ul> <li>A skilled person is someone who, on the basis of their technical training, knowledge and experience as well as familiarity with the applicable standards, can assess the assigned work and recognize pos- sible dangers.</li> </ul>
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Type of activity	Qualification
Electrical connection	Electrician     Specialized training     Employee of the responsible technical company
Water connection	Water specialist     Specialized training     Employee of the responsible technical company
Waste water connection	Waste water specialist     Specialized training     Employee of the responsible technical company

### 1.3 Use of the unit

This unit is intended to be used solely for commercial purposes, particularly in commercial kitchens.

### 1.4 Warranty

The warranty is void and safety is no longer assured in the event of:

- · Improper conversion or technical modifications of the unit,
- Improper use,
- · Improper startup, operation or maintenance of the unit,
- Problems resulting from failure to observe these instructions.



### 2 Safety instructions

The unit complies with applicable safety standards. Residual risks associated with operation or risks resulting from incorrect operation cannot be ruled out and are mentioned specifically in the safety instructions and warnings.

The installation fitter must be familiar with regional regulations and observe them.

The installation fitter must observe the safety instructions in these installation instructions and in the "Safety information" chapter of the operating instructions.

Ensuring conformity with Observe applicable international, European and national laws, standards regulations, standards and directives for the unit when transporting, setting up and connecting it.

### Improper installation Risk of property damage and personal injury from improper installation

- Install the unit only as specified in these installation instructions.
- Do not add anything to the unit or modify the unit.
- Use only original spare parts.

### Transportation and storage Risk of personal injury and property damage from improper transportation and improper storage

- Store the unit in a dry, frost-free environment.
- Observe the safety regulations for the lifting gear used.
- Attach the unit to the lifting gear securely during transport and installation, and prevent it from dropping.
- Transport the unit in an upright position, do not tilt or stack.
- Pay attention to protruding parts when transporting the unit without packaging.

### Fire prevention Risk of fire from combustible surfaces

Observe general fire prevention regulations.

### Organizational measures Risk of property damage and personal injury from lack of organizational measures

- Identify danger zones when transporting, installing and connecting the unit.
- Prior to starting the installation tasks, notify any operator present about the procedure.
- Prior to starting the installation task, discuss how to behave in an emergency.
- Use equipment and protective gear suitable for the activity.
- Brace housing components to prevent them from falling over and dropping.



# Installation Risk of property damage and personal injury from improper installation

- Ensure that the installation area has adequate load-bearing capacity.
- · Wear safety shoes and protective gloves.

### Electrical connection Risk of fire from improper connection

- Observe applicable regional regulations of the electric supplier.
- Ensure that only electricians licensed by the electric supplier connect the unit.
- Ensure that the electrical system is earthed by a protective earthing conductor.
- Note the information on the nameplate.

### Danger of electric shock from live components.

- Prior to working on the electrical system, switch off the unit, disconnect the electrical system from the mains and prevent power from being switched on again. Check to ensure the system is dead.
- Use only insulated tools.

### Unit on casters Danger of a line breaking if subjected to high tensile load

- Using a chain to provide strain relief for the connection lines, secure the unit at the installation site so that the connection lines are not put under tension when the unit is moved. The strain relief must be designed for a tensile load of at least 0.6 kN.
- It is not allowed to mount rollers under a normal base frame.

# Commissioning Risk of property damage and personal injury from improper commissioning

- Read the operating instructions prior to commissioning. Observe the safety instructions in these installation instructions and in the "Safety information" chapter of the operating instructions.
- Only put the unit into service after a successful function test in its assembled state.
- Put the unit into service only after it has reached room temperature.
- Observe the units during operation.



### 3 Description of the unit

### 3.1 Overview of the unit

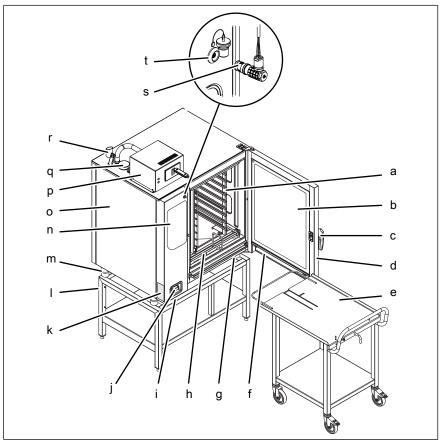


Image: Unit with tray rack trolley

- a Tray rack
- b Insulating disk
- c Door handle
- d Cooking chamber door
- e Tray rack trolley (optional)
- f Vapor drainage channel, door
- g Vapor drainage channel, unit
- h Guide rail for tray rack (optional)
- i USB port (covered)
- j Hand shower (optional)

- k Nameplate
- I Base frame (optional)
- m Unit leg
- n Operating unit
- o Housing
- p Smoker box
- q Air inlet nozzle
- r Steam outlet nozzle
- s Core temperature sensor (optional)
- t Core temperature sensor connection (optional)



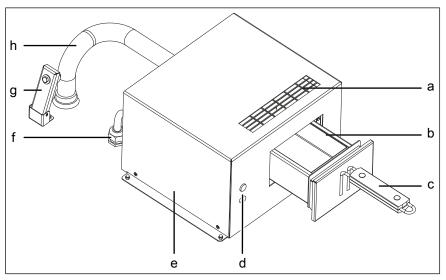


Image: Smoker box

- a Ventilation grille
- b Firebox
- c Handle
- d Display elements

- e Housing
- f Power cable
- g Outgoing air pipe closure
- h Outgoing air pipe

## 3.2 Planning drawing

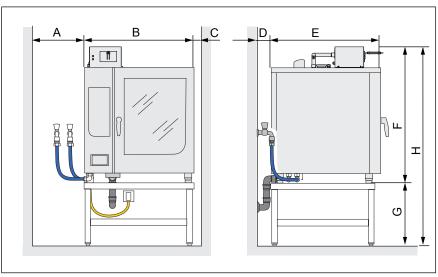


Image: Sizes 6XX and 1XX

Size	615, 621	115, 121
Α	50 (1,97)	50 (1,97)
В	997 (39,25)	997 (39,25)
С	50 (1,97)	50 (1,97)
D	50 (1,97)	50 (1,97)
E	799 (31,46)	799 (31,46)
F	989 (38,94)	1259 (49,57)
G	850 (33,46)	580 (22,83)

Size	615, 621	115, 121
Н	1839 (72,4)	1839 (72,4)
All dimensions in mm (in)		

### 3.3 Unit and connection data

### **INFORMATION**

- All voltages listed below are technically available.
- For some voltages, however, the implementation must be agreed with the manufacturer.
- The voltage for which the device is designed is indicated on the nameplate.

Size	615	621	115	121	
Dimensions					
Unit Length x Width x Height (mm (in))	997 (39,25) x 799	997 (39,25) x 799 (31,46) x 989 (38,94)		997 (39,25) x 799 (31,46) x 1259 (49,57)	
Weight					
Unit ≈ (kg (lb))	129 (284,4)	134 (295,5)	149 (328,5)	154 (339,6)	
Emissions					
Noise level (db(A))	< 70				
Steam output (g/h (oz/h))	2760 (97,35)	5540 (195,41)	4210 (148,5)	8080 (285,01)	
Steam output (m³/h (cuft/h))	4,7 (165,9)	9,4 (331,7)	7,1 (250,5)	13,7 (483,4)	
Latent heat dissipation (W)	1872	3762	2862	5490	
Sensible heat dissipation (W)	1248	2508	1908	3660	
The sensible and latent heat ame 400 V. The applicable regional re		,	sis of VDI 2052 at a	connection voltage of	
Operating environment					
Temperature (°C (°F))	5 (41 ) — 40 (104	5 (41 ) — 40 (104 )			
Relative humidity (%)	95	95			
non-condensing					
Electrical connection					
Protective system	IPX5	IPX5			
Type of connection	3PE / AC 50/60Hz	3PE / AC 50/60Hz, 3NPE / AC 50/60Hz			
Voltage (V)	200				
Connected load (kW)	10.1	16.3	14.7	25.5	
Fuse (A)	3 x 35	3 x 50	3 x 50	3 x 80	
Voltage (V)	208	208			
Connected load (kW)	10.2	17.4	15.7	27.3	
Fuse (A)	3 x 35	3 x 50	3 x 50	3 x 80	
Voltage (V)	220	220			
Connected load (kW)	11.6	19.7	17.7	30.8	



Size	615	621	115	121
Fuse (A)	3 x 35	3 x 63	3 x 63	3 x 100
Voltage (V)	230		1	
Connected load (kW)	12.6	21.4	19.3	33.6
Fuse (A)	3 x 35	3 x 63	3 x 63	3 x 100
Voltage (V)	240		1	
Connected load (kW)	13.7	23.3	21	36.5
Fuse (A)	3 x 35	3 x 63	3 x 63	3 x 100
Voltage (V)	380			
Connected load (kW)	9.4	18.9	14.4	27.6
Fuse (A)	3 x 16	3 x 35	3 x 25	3 x 50
Voltage (V)	400			
Connected load (kW)	10.4	20.9	15.9	30.5
Fuse (A)	3 x 16	3 x 35	3 x 25	3 x 50
Voltage (V)	415			
Connected load (kW)	11.2	22.5	17.1	32.8
Fuse (A)	3 x 16	3 x 35	3 x 25	3 x 50
Voltage (V)	440			
Connected load (kW)	10.4	20.9	15.8	30.5
Fuse (A)	3 x 16	3 x 35	3 x 25	3 x 50
Voltage (V)	480			
Connected load (kW)	12.3	20.9	18.9	32.6
Fuse (A)	3 x 16	3 x 35	3 x 25	3 x 50
Softened drinking water connection	ction			
Water type	Softened drinking wa	ater, cold		
Residual hardness CaCO <sub>3</sub> (mmol/l (ppm))	< 1 (100 ppm)			
Chloride CI (mg/I)	< 100			
Iron Fe (mg/l)	< 0.2			
Connection pressure (kPa (psi))	200 (29) — 600 (87)			
Connection (")	R 3/4			
Drinking water connection				
Water type	Drinking water, cold			
Carbonate hardness CaCO <sub>3</sub> (mmol/I (ppm))	< 4 (400 ppm)			
Connection pressure (kPa (psi))	200 (29) — 600 (87)			
Connection (")	R 3/4			
Water consumption, steaming				
Softened drinking water (l/h (gal/h))	16 (4,23)	21 (5,55)	18 (4,76)	24 (6,34)

### **Description of the unit**

Size	615	621	115	121
Water consumption, combisteaming				
Softened drinking water (I/h (gal/h))	3,5 (0,92)	4,6 (1,22)	4 (1,06)	5,3 (1,4)
Water consumption, WaveClean	n cleaning program			
Softened drinking water (I (gal))	3 I (0,79)			
Drinking water (I (gal))	32 I (8,45)			
Waste water connection				
Waste water type	Dirty water, maximu	m 80 °C (176 °F)		
Connection to unit (mm (in))	50 (1,97)	50 (1,97)		
Maximum length (m (ft))	1 (3,3) with downward slope of at least 5% or 3°			
Temperature resistance (°C (°F))	95 (203 )			
Maximum flow rate (I/min (gal/ min))	10 (2,64)			
Exhaust air connection				
Connection to unit (mm (in))	53 (2,09)			
Maximum length (m (ft))	2,5 (8,2)			
Temperature resistance (°C (°F))	180 (356)			
If both cooking chambers are use	d at the same time, the	e values given in the in	ndividual columns are	added together.

### Floor fastening

Absolutely essential for the following unit types		
FKECOD615	Only in conjunction with base cabinet and underframe	
FKECOD621		
FKECOD115		
FKECOD121		
FKECOD121-621	Only in conjunction with stacking kit	
FKECOD115-621		
FKECOD121-615		
FKECOD115-615		
FKECOD215 on casters		
FKECOD221 on casters		

### Transformer voltage

Type of connection	3NPE / AC 50/60 Hz, 3PE / AC 50/60 Hz		
Voltage range (V)	200 — 240		
Transformer	T1		
Wire identification or color	blue	red	
Voltage measured (V)	Voltage at transformer (V)		



Type of connection	3NPE / AC 50/60 Hz, 3PE / AC 50/60 Hz	
Voltage range (V)	200 — 240	
Transformer	T1	
190 — 200	0	200
201 — 220	0	220
221 — 230	0	230
231 — 240	0	240
241 — 250	0	250

Type of connection	3NPE / AC 50/60 Hz, 3PE / AC 50/60 Hz		
Voltage range (V)	380 — 415		
Transformer	T1		
Wire identification or color	blue red		
Voltage measured (V)	Voltage at transformer (V)		
370 — 380	0	220	
381 — 400	0	230	
401 — 420	0	240	

Type of connection	3PE / AC 50/60 Hz				
Voltage range (V)	380 — 480	380 — 480			
Transformer	ТО	T0 T1			
Wire identification or color	T0 - 0 V	T0 - 0 V T0 - 230 V T0 - 400 V blue red			
Voltage measured (V)	Voltage at transformer (V)				
370 — 380	0	219	400	0	230
381 — 415	0	230	400	0	230
416 — 450	0	230	440	0	230
451 — 490	0	230	480	0	230

### Basic setting of the control

Basic setting	Parameter s	Standard value	Range of adjustment	Explanation
Supply voltage	14	400	100 — 500 V	Enter the local, mean voltage between the line conductors.
Date / time			yyyy - mm - dd	Year - Month - Day
			hh : mm	Hour : Minute

Basic setting	Parameter s	Standard value	Range of adjustment	Explanation
Altitude	2	0 — 999	0 — 999 m (3277 ft)	Request the altitude above sea level from the local weather station. If the altitude is
			1000 m (3280 ft) — 1999 m (6557 ft)	unknown, enter 0 — 999 m (3277 ft).
			2000 m (6560 ft) — 2499 m (8197 ft)	
			2500 m (8200 ft) or higher	
Volume of audible signal		Medium	Individual	Sets the volume.
Temperature unit	1	°C	°C	Celsius (°C)
setting			°F	Fahrenheit (°F)
Volume unit	34	ml	(ml)	Milliliter (ml)
			(fl.oz.)	Fluid ounce (fl.oz.)
	35	Imperial	Imperial (fl.oz.)	Imperial fluid ounces
		(fl.oz.)	U.S. (fl.oz.)	U.S. fluid ounces
Water filter maintenance	44	0	0 — 99900 I (26393,66 gal)	Water quantity up to the maintenance message.
				0 = No maintenance message
Network		DHCP	Network address and DHCP	Select and set interface.
Kitchen control	652	Disabled	0 = Disabled	Indicates whether the kitchen guiding
technology			1 = Active	system is in use.
	659	Ethernet	0 = Ethernet	Type of signal transmission (interface)
			1 = Serial	
	653	1188	0 — 65535	TCP port setting
	654	254	0 — 254	Unit address
80 % power	3	100	80 %	Power can be limited to 80 % (for special
			100 %	applications).
Power optimization	42	Off	On	If a power optimization system is
system			Off	connected, "On" must be selected for the unit to heat.
Settings parameters				<ol> <li>Set parameters via the roller.</li> <li>Tap the "Read" button to display the set values.</li> <li>Specify another value via the button panel.</li> <li>Press the "Write" button to save the new value.</li> </ol>



### **Basic setting of control (Advanced)**

Basic setting	Parameter s	Standard value	Range of adjustment	Explanation	
Generator mode	45	0	0 = No	When a generator is used to supply	
			1 = Yes	electricity	
Steam elimination	48	1	0 = Low	Sets the steam elimination level	
			1 = Normal		
			2 = High		
Time format	675	0	0 = 24 h	Set the 12-h or 24-h time format	
			1 = 12 h		
Format for cooking	676	0	0 = hh:mm	Display format for cooking program times	
program times			1 = mm:ss		
			2 = automatic		

### 4 Transporting the unit

### **△** CAUTION

### Risk of property damage and personnel injury from tipping unit

- · Stay clear of lifted unit.
- · Move lifted unit carefully.

### **△** CAUTION

### Risk of property damage and personnel injury from tipping unit

- Do not drive the unit with casters to the installation site on the casters.
  - ⇒ Only move the unit to the installation site using a suitable means of transport.

### NOTICE

### Risk of property damage from improper transport

- · Transport the unit upright.
- · Do not tilt or stack the unit.
- Pay attention to protruding parts when transporting the unpacked unit.

Prior to transporting the unit to the installation site, ensure that:

- The roadway has adequate load-bearing capacity.
- · Wall openings are large enough.

### 4.1 Transporting the unit to the installation site

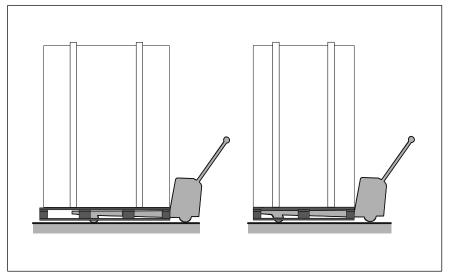


Image: Lengthwise and crosswise transport on pallet

→ Use suitable transport means to move unit to its installation site.



### 4.2 Unpacking the unit

### **△** CAUTION

### Risk of injury from sharp edges

· Wear protective gloves.

### **INFORMATION**

When unpacking the unit, inspect it for transport damage.

Do not install damaged units or put into service.

- 1. Remove the packaging.
- 2. Pull the protective film off the unit.
- 3. Remove all packaging material from the cooking chamber.
- 4. Clean the unit (See Operating instructions).
- 5. Enter the information from the nameplate into the Start-up operation report.
- 6. Enter the information from the nameplate into the Operating instructions.

### 5 Installing the unit

### **▲** DANGER

### Risk of poisoning from exhaust gases

- Ensure that exhaust gases are routed to the outside.
- · A constant exchange of air must be guaranteed.
- · Install the unit below ventilation systems.
- · A pure recirculation hood is not allowed.
- Ensure that the unit can be operated only when the ventilation system is switched on.

### **⚠ WARNING**

### Risk of burns from spraying hot fat

• Install deep-fat fryers outside the range of the hand shower.

### **MARNING**

### Danger of the unit tipping over on casters

If the unit is tilted on casters, it may tip over and seriously injure you.

• Do not tip the unit on casters.

### **△ CAUTION**

### Risk of crushing from improper installation

• Protect the unit and work area during installation and alignment.

### **⚠** CAUTION

# Risk of fire from failure to observe applicable regional fire prevention regulations

• Observe applicable regional fire prevention regulations.

### **⚠** CAUTION

### Fire hazard due to unsuitable fire protection filters

 Only operate the unit under a ventilation system with a certified flame protection filter.

### **NOTICE**

### Risk of property damage from overheating of the unit

• Do not install the unit close to heat sources.

### Existing fire extinguishing system

Smoke is generated when the Smokelnside is being used.

 Adjust the settings of an existing fire extinguishing system within the limits allowed by local regulations.



### Installation room requirements

- There must be no water, gas or electric lines in the ceiling above the unit.
- The ceiling above the unit must be fireproof.
- An adequate supply air from outside joints and openings to the outside or an HVAC system is assured.
- The ventilation system must extract air properly.

### 5.1 Maintaining minimum clearances

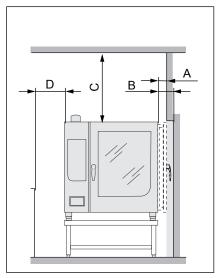


Image: Minimum clearances to walls, ceiling or units

Α	В	C *	D **	
50 (1,97)	100 (3,94)		50 (1,97)	
All dimensions in mm (in)				
* Depends on the kitchen ventilation system and quality of ceiling material				
** For service work 500 mm (19,69 in) recommended				

The following clearances from walls, ceilings or other equipment must be maintained when installing the unit:

- Left, right and rear: at least 50 mm (1,97 in).
- For service work 500 mm (19,69 in) on the left is recommended.
- For parking the tray trolley, 800 mm (31,5 in) on the left.
- Clearance from heat sources (baking oven), 500 mm (19,69 in) on the left.
- Clearance to deep-fat fryers, at least one length of the hand shower at left and right.



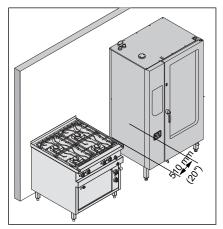


Image: Minimum distance to devices with high heat radiation

# NOTICE

# Material damage to the device control due to excessive ambient temperatures

Minimum distance to equipment with large heat radiation 510 mm (20") on right and left side.

These include, for example:

- Gas stoves
- Gas griddle plates
- Grills
- Deep fryers



### 5.2 Lifting the unit off the pallet

### **⚠** CAUTION

### Risk of property damage and personnel injury from tipping unit

- · Stay clear of lifted unit.
- · Move lifted unit carefully.

### **NOTICE**

### Risk of property damage from lifting the unit incorrectly

· Place the forks of the pallet truck next to the siphon.

Prerequisite Unit unpacked

Protective film removed

Unit cleaned

Locking brake fixed

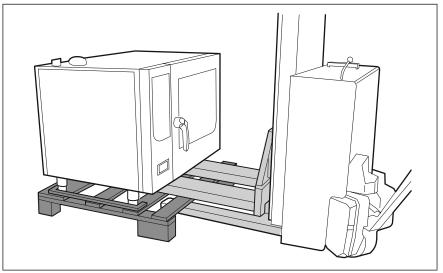


Image: Lifting the unit off the pallet

- 1. Slide the forks of the pallet truck under the unit and to the right of the siphon.
- 2. Lift the unit off the pallet.

### 5.3 Installing the unit on the unit legs

Prerequisite The floor must carry the weight of the unit

- 1. Lift the unit with the pallet truck.
- 2. Move the unit to the installation site.
- 3. Place the unit on the floor.
- 4. Set up the unit in accordance with the planning drawing (see "Planning drawing").



### 5.4 Setting up the unit on a base frame

### **A** CAUTION

### **Tipping hazard**

A standard base frame on casters can tilt.

• Do not mount casters under a standard base frame with adjustable legs.

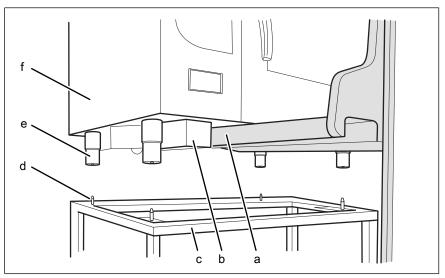


Image: Setting up the unit on a base frame

- a Lift fork
- b Waste trap on the unit
- c Base frame

- d Upright bolt
- e Unit leg
- f Unit

Prerequisite The base frame must carry the weight of the unit

Base frame levelled

Underframe must be set up in accordance with the planning drawing

- 1. Lift the unit.
- 2. Place the unit over the stud bolts and onto the base frame.

### **⚠** CAUTION

### Risk of scalding due to spillage of hot cooked food

• Attach stickers if the upper insertion rails are higher than 1,6 m (5,3 ft).

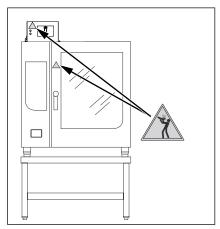


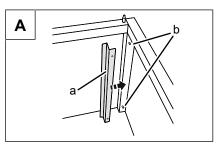
Image: Attach warning sign regarding the shelf height

- 3. Clean the adhesion surface for the sticker.
- 4. Attach the sticker to the cooking chamber door at a height of 1,6 m (5,3 ft).
- 5. Attach the sticker to the smoker box.

### 5.4.1 Installing the support rack

Depending on the version, the base frame can be equipped with a hang-in frame.

The hang-in the frame is used to hold containers, baking sheets and grates.



B

Image: A Stop profile, B Hang-in frame

- a Stop profile
- b Bolt

- c Outboard support rack
- d Inboard support rack

### Prerequisite Pins installed in the uprights of the base frame

- 1. Place the stop profiles on the pins (at the back).
- 2. Install the support racks.

### 5.5 Aligning the unit

### Prerequisite Base frame levelled

- → Level the unit by screwing the equipment legs in or out.
- → Fill out the Start-up operation report.



### 5.6 Fastening the unit to the floor

### 5.6.1 Securing the unit to prevent tipping

### **MARNING**

### Risk of accident from insufficient fastening

Unit can tip over

- Depending on the unit type, suitable measures must be taken to fasten the unit to the floor.
- Comply with the requirements for the condition of the floor.
- Comply with the requirements for the means of fastening.
- · Follow the manufacturer's instructions for using the means of fastening.

Depending on the size, it is essential that certain combisteamer types or combisteamers used in combination with a Stapelkit (stacking kit), a recirculation hood, an underframe or base cabinet be secured to prevent tipping.

Unit types that must be secured to prevent tipping (see "Unit and connection data").

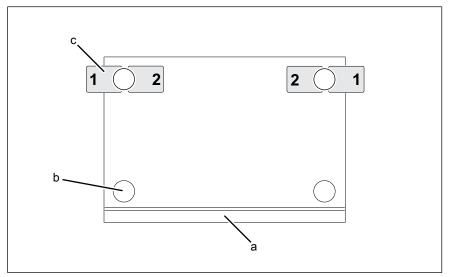


Image: Arrangement of the floor plates (view from above)

- a Cooking chamber door
- c Floor plates
- b Unit leg or underframe

To prevent the unit from tilting, a special fastening kit is supplied by the manufacturer or is available as an accessory.

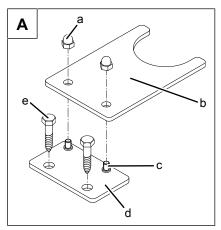
The fastening kit contains two floor fasteners and all components required to bolt or bond to the floor.

The unit or underframe is fastened by means of two floor fasteners as shown in the drawing.



### Floor without steam barrier

In the case of floors without a steam barrier, the floor plates are bolted to the floor using the bolts provided.



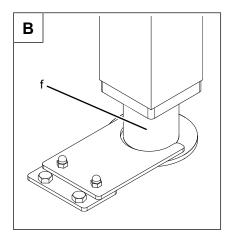


Image: A: Position of floor plate; B: floor plate bolted to the floor

- a Cap nut
- b Holding plate
- c Upright bolt

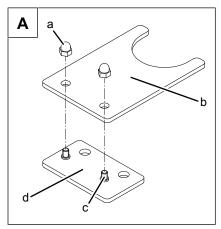
- d Floor plate
- e Lag bolt
- f Unit leg

**Prerequisite** Floor capable of accommodating the weight of the unit Floor must be clean and suitable for the manner fastening Unit set up and aligned in accordance with the planning drawing

- 1. Insert the floor plate from the fastening kit into the retainer as shown in the drawing.
- 2. Screw on the cap nuts hand-tight.
- 3. Align the floor fastener in position 1-1 or 2-2 on the unit leg or underframe as shown in the drawing and mark the fastening holes on the floor.
- 4. Mark the position of all unit legs or underframe on the floor.
- 5. Using suitable lifting equipment, move the unit so that the holes can be drilled in the floor.
- 6. Drill holes with a diameter matching that of the anchor sufficiently deep in the floor.
- 7. Carefully place the unit in the installation position.
- 8. Screw on cap nuts and remove the retainer from the floor plate.
- 9. Using the anchors and fastening screws provided, screw the floor plate to the floor.
- 10. Ensure that a tight seal against the floor has been reestablished after the fastening screws are installed.
- 11. Place retainer on the floor plate and secure using cap nuts.
- 12. Complete the start-up operation report.

### Floor with steam barrier

In the case of floors with a steam barrier, the floor plates are not screwed to the floor but fastened with the enclosed adhesive.



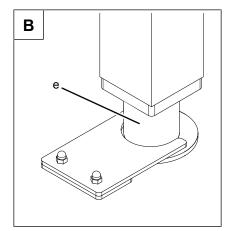


Image: A: Position of floor plate; B: floor plate glued to the floor

- a Cap nut
- b Holding plate
- c Upright bolt

- d Floor plate
- e Unit leg

# Prerequisite Floor capable of accommodating the weight of the unit Floor must be clean and suitable for the manner fastening Unit set up and aligned in accordance with the planning drawing

- 1. Insert the floor plate from the fastening kit into the retainer as shown in the drawing.
- 2. Screw on the cap nuts hand-tight.
- 3. Align the floor fasteners in position 1-1 or 2-2 on the unit leg or underframe as shown in the drawing and mark the floor.
- 4. Screw on cap nuts and remove the retainer from the floor plate.
- 5. Using the adhesive provided, fasten the floor plates to the floor.
  - → Follow the manufacturer's instructions regarding the adhesive.
  - → Apply the adhesive in accordance with the manufacturer's instructions.
  - → Observe the drying time specified in the manufacturer's instructions.
- 6. Place retainers on the floor plates and secure using cap units.
- 7. Complete the start-up operation report.

### 5.6.2 Securing the unit to prevent slipping

If necessary, the size 2XX combisteamer can be secured to prevent movement (optional).



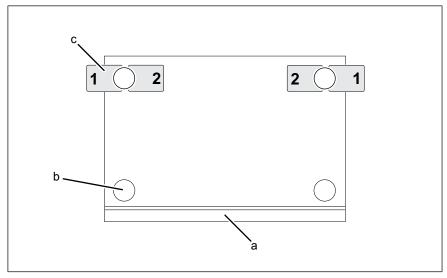


Image: Arrangement of the floor plates (view from above)

- a Cooking chamber door
- c Floor plates
- b Unit leg or underframe

A special fastening set with floor plates for securing the unit against sliding is available from the manufacturer as an accessory.

The fastening kit contains two floor plates and all components required to bolt or bond to the floor.

The unit is fastened by means of two floor plates, as indicated in the drawing.

### Floor without steam barrier

In the case of floors without a steam barrier, the floor plates are bolted to the floor using the bolts provided.

Prerequisite Floor capable of accommodating the weight of the unit Floor must be clean and suitable for the manner fastening Unit set up and aligned in accordance with the planning drawing

- 1. Align the floor plates in position 1-1 or 2-2 on the unit leg as shown in the drawing and mark the fastening holes on the floor.
- 2. Mark the position of all unit legs on the floor.
- 3. Using suitable lifting equipment, move the unit so that the holes can be drilled in the floor.
- 4. Drill holes with a diameter matching that of the anchor sufficiently deep in the floor.
- 5. Carefully place the unit in the installation position.
- 6. Using the anchors and fastening screws provided, screw the floor plates to the floor.
- 7. Ensure that a tight seal against the floor has been reestablished after the fastening screws are installed.
- 8. Complete the start-up operation report.



### Floor with steam barrier

In the case of floors with a steam barrier, the floor plates are not screwed to the floor but fastened with the enclosed adhesive.

Prerequisite Floor capable of accommodating the weight of the unit

Floor must be clean and suitable for the manner fastening

Unit set up and aligned in accordance with the planning drawing

- 1. Align the floor plates in position 1-1 or 2-2 on the unit leg as shown in the drawing and mark the floor.
- 2. Using the adhesive provided, fasten the floor plates to the floor.
  - → Follow the manufacturer's instructions regarding the adhesive.
  - → Apply the adhesive in accordance with the manufacturer's instructions.
  - → Observe the drying time specified in the manufacturer's instructions.
- 3. Complete the start-up operation report.

### 5.6.3 Unit on casters: Attach both castor stops to the floor

**Prerequisite** Floor capable of accommodating the weight of the unit Floor must be clean and suitable for the manner fastening

- 1. Place the unit in the intended position.
- 2. Place roller stops on the rear casters.
- 3. Mark the position of the caster stops on the floor.
- 4. Remove the unit.
- 5. Fix the caster stops to the floor using the appropriate material for the floor in question.
- 6. Observe the manufacturer's specifications for the fastening material.

### 5.7 Unit on casters: Secure device to the wall

**Prerequisite** Wall must be designed for a tensile force of at least 0.6 kN.

The safety rope for securing must be shorter than the connecting cables of the device.

- 1. Place the unit in the intended position and in the casters stops.
- 2. Guide the arresting wire to the wall to determine the correct position of the wall mounting.
  - → Safety rope and wall mounting are not part of the scope of delivery.
- 3. Mark the position of the wall mounting.
- 4. Fix the wall mounting to the wall using the material suitable for the wall in question.
- 5. Observe the manufacturer's specifications for the fastening material.



6. After completing the work, check the safety function.



### 6 Connecting the unit

### **▲** DANGER

### Risk of personal injury and property damage from electric shock

- Before working on the unit, ensure that the unit is dead.
- Do not operate the unit with the housing open.

### **⚠** CAUTION

### Risk of injury from sharp edges

· Wear protective gloves.

### **NOTICE**

### Risk of property damage from damage to the lines

· Remove and attach housing components carefully.

### 6.1 Opening and closing the housing

### 6.1.1 Removing and attaching the side wall

### Removing the side wall

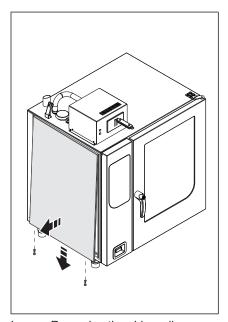


Image: Removing the side wall

- 1. Unscrew the screws in the side wall.
- 2. Pull the bottom edge of the side wall forwards.
- 3. Remove the side wall.



### Attaching the side wall

### **NOTICE**

### Risk of property damage from leaky housing

- · Check seals when attaching the housing parts.
- · Replace damaged seals.
- 1. Insert top edge of side wall.
- 2. Carefully push the bottom of the side wall inward.
- 3. Secure the bottom of the side panel with screws.
- 4. Check that the side wall is in contact with the unit on all sides.

### 6.2 Making the electrical connection

### **Electrical installation work**

Electrical installation work on the electric system and the unit may only be performed by a specialist company, which is approved by the electric utility company in the particular region. The applicable regional regulations, standards and guidelines must be observed, as well as the connection conditions imposed by the electric utility company responsible.

### Technical qualifications for electrical installation tasks

Electrical installation tasks on the electrical system and the unit may be carried out only by an electrician provided by the specialist company contracted.

### **NOTICE**

### Risk of property damage from wrong supply voltage

 Prior to connecting, measure the supply voltage and check the voltage set on the transformer inside the unit.

The unit must be connected in accordance with the information on the nameplate and the instructions of this manual.

### Wiring diagram

The wiring diagram is included with the unit.

The wiring diagram and additional documents are available on the manufacturer's Internet page by entering the serial number of the unit (see Imprint).

### **Electrical connection line**

Minimum requirements for the unit's electrical connection line to the electrical supply mains:

Connection	Electrical connection line
Permanent connection for fixed installation with a cable from the unit to a separate connection box.	Rubber sheath cable, oil-resistant, shrouded and flexible in accordance with IEC 60245-57 (for example:
Connection of the unit with a connector.	H05RN-F).



Connection	Electrical connection line
Permanent connection for fixed installation with a hard-wired line directly connected to the unit.	PVC sheathed cable for permanent installation in buildings or damp and wet rooms.

### **Permanent connection**

### **△** CAUTION

### Risk of property damage and personal injury from improper installation

 In the case of a fixed electrical connection, install an all-pole disconnecting unit with at least 3 mm (0.12 in) contact opening in front of the unit.

Install an all-pin separating device if the unit will be connected permanently to the electrical supply mains.

### **⚠ CAUTION**

34

### Risk of property damage and personal injury from improper installation

• The plug-in connection must be readily accessible.

### Plug-in connection

If the unit is connected with a plug to the electrical supply mains, use plugs and sockets according to IEC60309.

The socket must be readily accessible so that the unit can be disconnected from the electrical supply mains at any time.

### **Insulation monitoring**

In the case of an unearthed network (IT network), the unit can be incorporated into the insulation monitoring.

### Fault current device

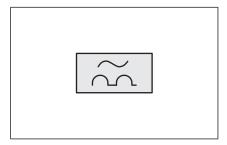


Image: RCD switch type A circuit symbol

The unit can be connected to a fault current device.

If a residual-current circuit breaker is used, the residual-current circuit breaker installed must be type A (RCD type A) to ensure that AC fault currents and pulsating DC fault currents are detected.



If the unit is connected to electrical supply mains without a neutral conductor, a type B fault current circuit breaker (RCD type B), which is sensitive to all types of current, must be installed.

The unit generates a small fault current through use of special electronic components. To ensure that the residual current device does not trip during normal operation, each unit should have its own residual current device.

### Potential equalization

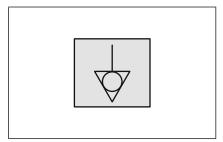


Image: Potential equalization symbol

The unit can be included in a potential equalization system by means of appropriately sized wiring.

### 6.2.1 Adjusting the unit to the supply voltage



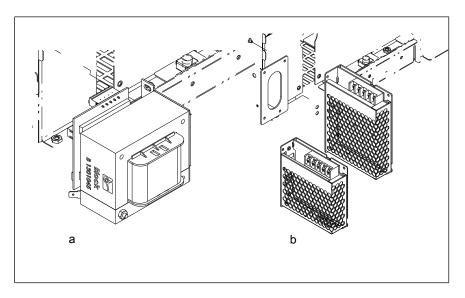
### Risk of personal injury and property damage from electric shock

- · Before working on the unit, ensure that the unit is dead.
- Do not operate the unit with the housing open.

### **NOTICE**

### Risk of property damage from wrong supply voltage

 Prior to connecting, measure the supply voltage and check the voltage set on the transformer inside the unit.



a Transformer

b Power pack

Currently, the devices are equipped with a transformer or a power supply, depending on availability.

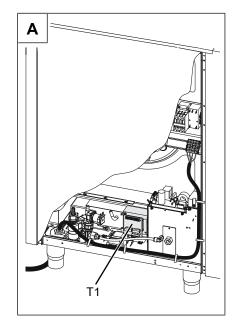
The adjustment of the supply voltage described below may only be necessary for devices with a transformer.

No adjustment is necessary for devices with a power supply unit.

The unit is set to a specific supply voltage or voltage range when delivered.

If the on-site supply voltage deviates from the preset supply voltage, the device may be damaged.

Before connecting the device, the supply voltage must be measured and the transformers located in the device must be checked and reconnected if necessary.



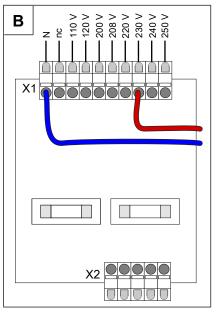
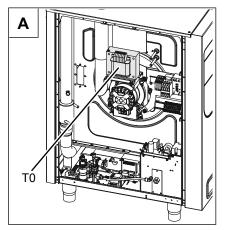


Image: A Transformer T1 location; B Transformer connections for control system



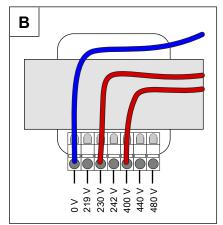


Image: A Transformer T0 location only on units without neutral conductor; B Transformer connection

## Prerequisite Unit disconnected from power supply

Left side wall removed

- 1. Use an appropriate meter to measure the supply voltage.
  - → The voltage range must match the information on the nameplate.
  - → If voltage fluctuations are to be expected, take the maximum expected voltage into account.
- 2. Check whether the transformer voltage is within the specified range (see "Unit and connection data").
  - → If the set voltage differs, reposition the connections for the transformer voltage.
  - → Document the new voltage that was set on the sticker.
- 3. In units with several transformer, repeat the procedure for each transformer.
- 4. Close the housing (see "Opening and closing the housing").
- 5. Fill out the Start-up operation report.

## 6.2.2 Connecting the electrical connection line

# **▲** DANGER

## Risk of personal injury and property damage from electric shock

- · Before working on the unit, ensure that the unit is dead.
- Do not operate the unit with the housing open.

# **▲** DANGER

#### Risk of personal injury and property damage from electric shock

- Before connecting, ensure that the electrical connection line is dead.
- Ensure that the electrical connection line is undamaged.



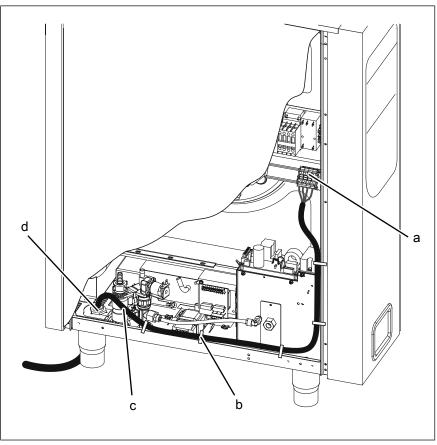


Image: Connecting the electrical connection line

- a Connection terminals
- b Cable ties

- c Electrical connection line
- d Threaded cable connection

#### **Prerequisite** Unit disconnected from power supply

Electrical connection line dead Unit adjusted to supply voltage

Side wall open

- 1. Feed the electrical connection line into the unit through the threaded cable connection.
- 2. Connect the power connection cable in accordance with the wiring diagram.
- 3. Secure the electrical connection line with cable ties.
- 4. Tighten the threaded cable connection securely to provide strain relief.
- 5. Close the housing (see "Opening and closing the housing").
- 6. Fill out the Start-up operation report.

## 6.2.3 Connecting the power optimization system

# **⚠** DANGER

## Risk of personal injury and property damage from electric shock

- · Before working on the unit, ensure that the unit is dead.
- Do not operate the unit with the housing open.



# **▲ DANGER**

#### Risk of personal injury and property damage from electric shock

- Before connecting, ensure that the electrical connection line is dead.
- · Ensure that the electrical connection line is undamaged.

The unit can be connected to a power optimization system designed to DIN 18875 with a potential-free contact. The potential-free contact is used to link the unit to the control.

## Prerequisite Unit dead

Electrical connection line dead

Housing opened

- 1. Pull the electrical connection line into the unit through the cable gland.
- 2. Route the electrical connection line to the connection terminals.
- 3. Connect the electrical connection line in accordance with the wiring diagram.
- 4. Secure the electrical connection line with cable ties.
- 5. Register the power optimization system in the basic settings of the control (see "Making the basic settings of the control").
- 6. Fill out the Start-up operation report.

## 6.2.4 Connecting the potential equalization

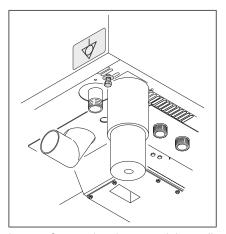


Image: Connecting the potential equalization

- 1. Route and connect the potential equalization line to the marked connection.
- 2. Fill out the Start-up operation report.



## 6.3 Connecting the kitchen guiding system

The units can be connected to a kitchen guiding system using an RJ45 plug.

# **▲** DANGER

## Risk of personal injury and property damage from electric shock

- Before working on the unit, ensure that the unit is dead.
- · Do not operate the unit with the housing open.

## Minimum requirements for the network cable

Type of network	Ethernet
Cable quality	4-pair shrouded patch cable Cat-5 S/FTP
Connection to unit	Shrouded RJ45 connector

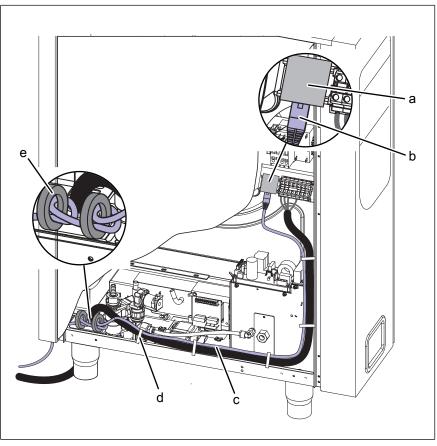


Image: Connecting the kitchen guiding system

- a RJ45 socket
- b RJ45 connector
- c Network cable

- d Cable ties
- e Ferrite ring

#### Prerequisite Unit dead

Housing opened

1. Pull the network cable into the unit through the cable gland.



- 2. Route the network cable through the two ferrite rings, with one winding through each.
- 3. Connect the network cable to the unit with the RJ45 connector.
- 4. Register the network in the basic control setting (see "Making the basic control setting").
- 5. Fill out the Start-up operation report.

## 6.4 Performing the basic setting of the control

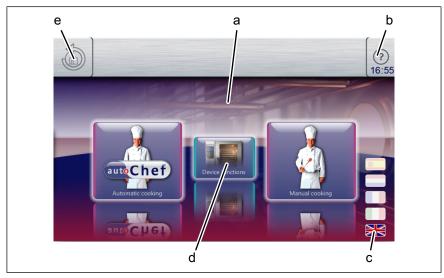


Image: Main menu

- a Main menu
- b FlexiHelp button
- c Language selection
- d "Unit functions" button
- e Back button

## 6.4.1 Changing the basic setting of the control

By entering the password "2100", the basic setting for the installation can be displayed and changed.

## **INFORMATION**

The basic settings are made in the dialogue.

Advanced settings are made via the parameters for the settings.

## Prerequisite Unit is on

The Main menu is displayed

- 1. Tap the "Unit functions" button.
  - → The *Unit functions* menu is displayed.
- 2. Tap the "Unit settings" field.
  - $\rightarrow$  The *PIN* window opens.
- 3. Enter the password.



- 4. Tap the Confirm button.
  - → The *Unit settings* menu is displayed.
  - → The basic settings can be changed (see "Unit and connection data").
- 5. Fill out the Start-up operation report.

## 6.5 Making the water connection

#### **Drinking water installation tasks**

Drinking water installation tasks on drinking water lines and the unit may only be performed by a specialist company, which is approved by the drinking water utility company in the particular region. The applicable regional regulations, standards and guidelines must be observed, as well as the connection conditions imposed by the drinking water utility company responsible.

## Technical qualifications for drinking water installation tasks

Drinking water installation tasks on drinking water lines and the unit may be carried out only by a water specialist provided by the specialist company contracted.

The unit has a connection for permanent installation to the drinking water supply.

The unit is equipped with a permanent connection for:

- Softened drinking water for steam generation
- Drinking water for cooling, rinsing and cleaning

# **A** CAUTION

#### Hygiene risk from contaminated drinking water

• The connection to the drinking water supply must be equipped with a backflow preventer.

## **NOTICE**

#### Risk of property damage from the wrong water quality

• Ensure that the water quality complies with the unit and connection data.

## **INFORMATION**

The unit can be connected to a reverse osmosis system.

The material of the connection line from the reverse osmosis system to the unit must be suitable.

## **INFORMATION**

Always connect both water connections to the unit.



## 6.5.1 Connecting the drinking water connection line

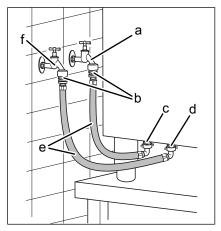


Image: Water connection

- a Softened drinking water
- b Backflow preventer
- c Softened drinking water connection
- d Drinking water connection
- Tap water connection line
- Drinking water

Prerequisite Water pressure complies with specifications (see "Unit and connection data")

Backflow preventer installed

Pressure-resistant connection lines suitable for tap water are available

- 1. Connect the connection lines to the drinking water taps using seals.
- 2. Flush the connection lines thoroughly.
- 3. Insert dirt filters into the water connections on the unit.
- 4. Connect the drinking water connection line to the unit.
- 5. Connect the connection line for softened drinking water to the unit.
- 6. Open the tap water valves and check the threaded connectors for leaks.
- 7. Fill out the Start-up operation report.

#### 6.5.2 Connecting softened drinking water to both connections

If only softened drinking water is available at the installation site, use a T-piece to connect both water connections on the unit to each other.

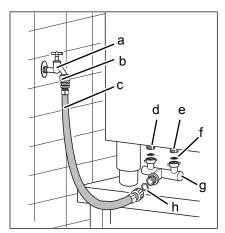


Image: Connecting softened drinking water to both connections

- a Softened drinking water
- b Backflow preventer
- c Connection line
- d Softened drinking water connection
- e Drinking water connection
- f Dirt filter
- g T-piece
- h Seal

**Prerequisite** Water pressure complies with specifications (see "Unit and connection data")

Backflow preventer installed

Pressure-tight connection line suitable for drinking water is available

- 1. Connect the connection line to the tap for softened drinking water using a seal.
- 2. Flush the connection line thoroughly.
- 3. Insert dirt filters into the water connections on the unit.
- 4. Connect T-piece to the unit.
- 5. Connect the connection line for softened drinking water to the Tpiece using a seal.
- 6. Open the drinking water tap and check the threaded fittings for leakage tightness.
- 7. Fill out the Start-up operation report.



## 6.6 Making the waste water connection

#### Waste water installation tasks

Waste water installation tasks on waste water systems and the unit may only be carried out by a specialized company that is responsible for waste water systems. The applicable regional regulations, standards and guidelines must be observed, as well as the connection conditions imposed by the operator of the waste water company responsible.

## Technical qualifications for waste water installation tasks

Waste water installation tasks on waste water lines and the unit may be carried out only by a waste water specialist provided by the specialist company contracted.

## 6.6.1 Connecting the waste water line to a permanent connection

## **NOTICE**

## Overflow of the device through an externally mounted siphon

Combi steamers have an integrated siphon.

An additional, external siphon without ventilation of the drain line will cause the unit to overflow in these combi steamers.

Therefore, do not connect an external siphon without ventilation to the waste water connection.

The wastewater connection needs a free outlet or vent.

Only exception:

- FlexFusion Gold without WaveClean

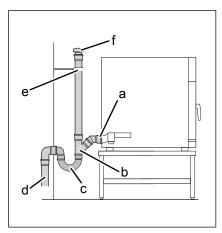


Image: Waste water line to a permanent connection

- a Waste water connection
- b Waste water line
- c Siphon

- d Waste water mains
- e Pipe clamp
- f Vacuum breaker



## **INFORMATION**

If a siphon is installed in the waste water system, a vacuum breaker must be installed in the waste water line.

Prerequisite The waste water line complies with the specifications (see "Unit and connection data")

- 1. Install waste water line up to connection to the waste water system.
- 2. Secure waste water line with pipe clamps.
- 3. Fill the siphon of the unit with drinking water.
- 4. Fill out the Start-up operation report.

## 6.7 Making the exhaust air connection

When installing the unit under a ventilation system, observe the regional regulations for air conditioning systems.

# **A** CAUTION

## Fire hazard due to unsuitable fire protection filters

· Only operate the unit under a ventilation system with a certified flame protection filter.

# **NOTICE**

#### Risk of property damage from fouling of the outgoing air ducts

· Not connect the exhaust airline directly to the ventilation system.

## **NOTICE**

#### Risk of corrosion damage from condensate

Install the exhaust air line such that condensate cannot collect.

## 6.7.1 Connecting the exhaust air line

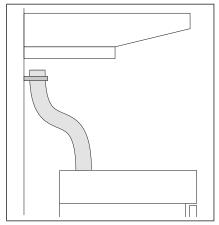


Image: Connecting the exhaust air line

Prerequisite The exhaust air line complies with the specifications (see "Unit and connection data")

- 1. Connect the exhaust air line to the steam outlet nozzle.
- 2. Route exhaust air line to the ventilation system with a 3° rise.
- 3. Fasten the end of the exhaust air line 50 mm (1,97 in) 200 mm (7,87 in) underneath the ventilation system.
- 4. Fill out the Start-up operation report.



# 7 Testing the function

## **▲** DANGER

Risk of personal injury and property damage from unsuccessful operational check

- · Do not put the unit into service.
- · Contact customer service.

#### Prerequisite Electrical connection made

Water connection made

Waste water connection made

Unit aligned

Unit cleaned

## 7.1 Checking the controls

- 1. Switch on the unit and start any cooking program (see operating instructions).
  - → Set the cooking chamber temperature to a higher temperature than the current cooking chamber temperature.
  - → The unit heats up.
  - → Once the set temperature is reached, heating switches off.
  - → The temperature no longer increases.
  - → The controls are functioning.
- 2. Switch off the unit.
- 3. Fill out the Start-up operation report.

# 7.2 Checking the inspection of the cooking chamber door

- 1. Switch on the unit and start any cooking program (see operating instructions).
  - → The unit heats up.
  - $\hookrightarrow$  The fan is turning.
- 2. Open the cooking chamber door during operation.
  - → The unit shuts off the heating function.
  - $\hookrightarrow$  The fan comes to a stop.
  - → The monitoring of the cooking chamber door is functioning.
- 3. Close the cooking chamber door.
- 4. Switch off the unit.
- 5. Fill out the Start-up operation report.



## 7.3 Heating and rinsing the unit

- 1. Switch on the unit.
- 2. Tap the "Manual cooking" button.
  - → The Manual cooking menu is displayed.
- 3. Steam cooking mode for 15 minutes at 100 °C (212 °F).
- 4. Rinse the cooking chamber thoroughly with clear water.
- 5. Operate hot air cooking mode for 5 minutes at 180 °C (356 °F).
- 6. Open the cooking chamber door and leave it ajar until the unit is used again.
- 7. Complete the start-up operation report.

# 8 Putting the unit into service

## **INFORMATION**

If the unit is not put into service immediately after being connected and the function check, all inspections must be repeated.

#### Prerequisite Electrical connection made

Water connection made

Wastewater connection made

Exhaust air connection made (if required by the customer)

Function checked successfully

Housing closed

- 1. Instruct operator.
- 2. Fill out the Start-up operation report.

## 8.1 Nameplate

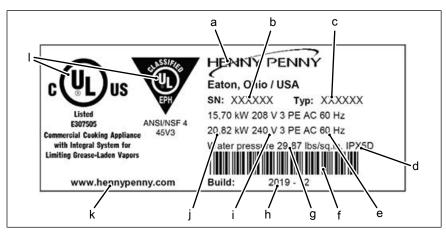


Image: Nameplate information

- a Manufacturer
- b Serial number
- c Type number
- d Protection class
- e Frequency
- f Barcode

- g Connection pressure for water
- h Year of manufacture
- i Type of connection
- j Electrical connected load
- k Manufacturer's web address
- I Certificate

# 8.2 Filling out the Start-up operation report

General information				No
Enter the data on the namepla	te.			
SN:	Туре	_		
Electrical connection				
Designation				
Item no.:	(if available)			



General information			No				
Obvious damage to the device? What and where?							
Unit levelled?							
General ii	nformation	Yes	No				
Is it necessary to secure the device against tipping or slipping?			П				
If so, how was it secured?			_				
secured against tipping	secured against tipping secured against shifting						
Screwed to floor	Screwed to floor						
Glued to floor	Glued to floor						
Flectrical	connection	Yes	No				
Electrical connection made properly?							
Potential equalization	Power optimization system		ш				
Potential-free contact							
Electrical connections made properly?							
Fault current protection installed immediately upstream of this unit?							
Measured supply voltage: (V)							
Set transformer voltage							
T1: blue 0 V   red V; T2/T3: blue 0 V   red	V						
Kitchen gui	ding system	Yes	No				
Kitchen guiding system connected properly?	ding system	Yes	No				
Kitchen guiding system connected properly?							
Kitchen guiding system connected properly?  Basic con	ding system  trol setting	Yes Yes	No No				
Kitchen guiding system connected properly?							
Kitchen guiding system connected properly?  Basic con Set temperature unit	trol setting						
Kitchen guiding system connected properly?  Basic con Set temperature unit	trol setting						
Ritchen guiding system connected properly?  Basic con Set temperature unit  C Date and time set?	trol setting						
Basic con  Set temperature unit  C  Date and time set?  current software version	trol setting						
Basic con  Set temperature unit  C  Date and time set?  current software version  set installation altitude	trol setting						
Basic con  Set temperature unit  C  Date and time set?  current software version  set installation altitude  0 — 999 m (3277 ft)	trol setting						
Basic con  Set temperature unit  C  Date and time set?  current software version  set installation altitude  0 — 999 m (3277 ft)  2000 m (6560 ft) — 2499 m (8197 ft)	trol setting						
Basic con  Set temperature unit  C  Date and time set?  current software version  set installation altitude  0 — 999 m (3277 ft)  2000 m (6560 ft) — 2499 m (8197 ft)  Voltage set in the control.	trol setting						
Basic con  Set temperature unit  C  Date and time set?  current software version  set installation altitude  0 — 999 m (3277 ft)  2000 m (6560 ft) — 2499 m (8197 ft)  Voltage set in the control.  Voltage:  V	trol setting						
Basic con  Set temperature unit  C  Date and time set?  current software version  set installation altitude  0 — 999 m (3277 ft)  2000 m (6560 ft) — 2499 m (8197 ft)  Voltage set in the control.  Voltage:  V  Set volume unit	trol setting						
Basic con  Set temperature unit  C  Date and time set?  current software version  set installation altitude  0 — 999 m (3277 ft)  2000 m (6560 ft) — 2499 m (8197 ft)  Voltage set in the control.  Voltage:  V  Set volume unit  ml	trol setting						



# Putting the unit into service

Basic control setting			No
Set water filter maintenance			
No maintenance message	maintenance message at		
Kitchen guiding system set?			
Unit address:			
Water connection			No
Connection pressure within indicated range?			
Connection pressure:	() kPa (psi)		
Water connection made properly?			
Lines and connections leak-tight?			
Connected only to softened drinking water	Connected only to drinking water		
Water connections connected with T-piece?			
Waste water	connection	Yes	No
Waste water connection made in a technically correct	ct manner?		
Siphon in the building	Vacuum breaker		
Funnel drain	Floor drainage channel		
Diameter of the drain pipe:	mm (in)		
Exhaust air	connection	Yes	No
Exhaust air Installation under ventilation system?	connection	Yes	No 🗆
	connection	Yes	No 🗆
Installation under ventilation system?	mm (in)	Yes	No 🗆
Installation under ventilation system?  Connected to outgoing air duct?		Yes	No
Installation under ventilation system?  Connected to outgoing air duct?  Diameter of the exhaust duct	mm (in) mm (in)	Yes Yes	No
Installation under ventilation system?  Connected to outgoing air duct?  Diameter of the exhaust duct  Length of the exhaust duct	mm (in) mm (in)		
Installation under ventilation system?  Connected to outgoing air duct?  Diameter of the exhaust duct  Length of the exhaust duct  Functio  Set steaming at 90 °C (194 °F).  Start cooking process.	mm (in) mm (in) n check		
Installation under ventilation system?  Connected to outgoing air duct?  Diameter of the exhaust duct  Length of the exhaust duct  Functio  Set steaming at 90 °C (194 °F).  Start cooking process.  Device reaches the preset values.  Start the convection heating.  Open the cooking chamber door.	mm (in) mm (in) n check		
Installation under ventilation system?  Connected to outgoing air duct?  Diameter of the exhaust duct  Length of the exhaust duct  Functio  Set steaming at 90 °C (194 °F).  Start cooking process.  Device reaches the preset values.  Start the convection heating.  Open the cooking chamber door.  Does the fan stop if you open the cooking chamber of	mm (in) mm (in) n check  door while the appliance is running?		
Installation under ventilation system?  Connected to outgoing air duct?  Diameter of the exhaust duct  Length of the exhaust duct  Functio  Set steaming at 90 °C (194 °F).  Start cooking process.  Device reaches the preset values.  Start the convection heating.  Open the cooking chamber door.  Does the fan stop if you open the cooking chamber of Unit heated and rinsed?	mm (in) mm (in) n check  door while the appliance is running?	Yes	No D
Installation under ventilation system?  Connected to outgoing air duct?  Diameter of the exhaust duct  Length of the exhaust duct  Function  Set steaming at 90 °C (194 °F). Start cooking process. Device reaches the preset values.  Start the convection heating. Open the cooking chamber door. Does the fan stop if you open the cooking chamber of Unit heated and rinsed?  Final	mm (in) mm (in) n check  door while the appliance is running?	Yes	No D
Installation under ventilation system?  Connected to outgoing air duct?  Diameter of the exhaust duct  Length of the exhaust duct  Function  Set steaming at 90 °C (194 °F).  Start cooking process.  Device reaches the preset values.  Start the convection heating.  Open the cooking chamber door.  Does the fan stop if you open the cooking chamber of the unit heated and rinsed?  Final  Was the unit put into service?	mm (in) mm (in) n check  door while the appliance is running?	Yes	No D



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Electrical installation was made by:				
			Signature	
Company	Installation fitter	Place, date		
The connection to a kitchen g	uiding system was made by:			
			Signature	
Company	Installation fitter	Place, date		
The water and sewage install	ation was carried out by:			
			Signature	
Company	Installation fitter	Place, date	Signature	
	,	,		
Exhaust air connection was n	nade by:			
			Signature	
Company	Installation fitter	Place, date		
Function check was made by	•			
			Signature	
Company	Installation fitter	Place, date		
Operator was trained by:				
			Signature	
Company	Installation fitter	Place, date		



## Manufacturer



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