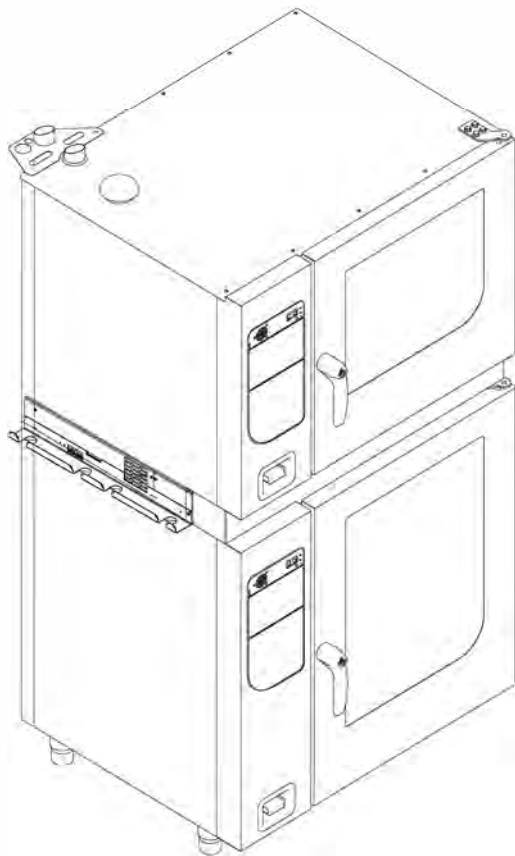




Read the operating instructions prior to commissioning



Stacking kit



FM06-148A • 10/29/2024

FM06-148A

en-US

Installation instructions

Model

FPE 615

FPE 621

FPE 115

FPE 121



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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.

 **WARNING**

Potential danger

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

 **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.
→	Action steps which can be performed in any sequence.
1. 2.	Action steps which must be performed in the specified sequence.
↳	Result of an action performed or additional information relating to it.

1.2 Use of the unit

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

1.3 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.

Ensuring conformity with standards Observe applicable international, European and national laws, 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

- Pay attention to protruding parts when transporting the unit without packaging.

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

- Wear safety shoes and protective gloves.

3 Description of the unit

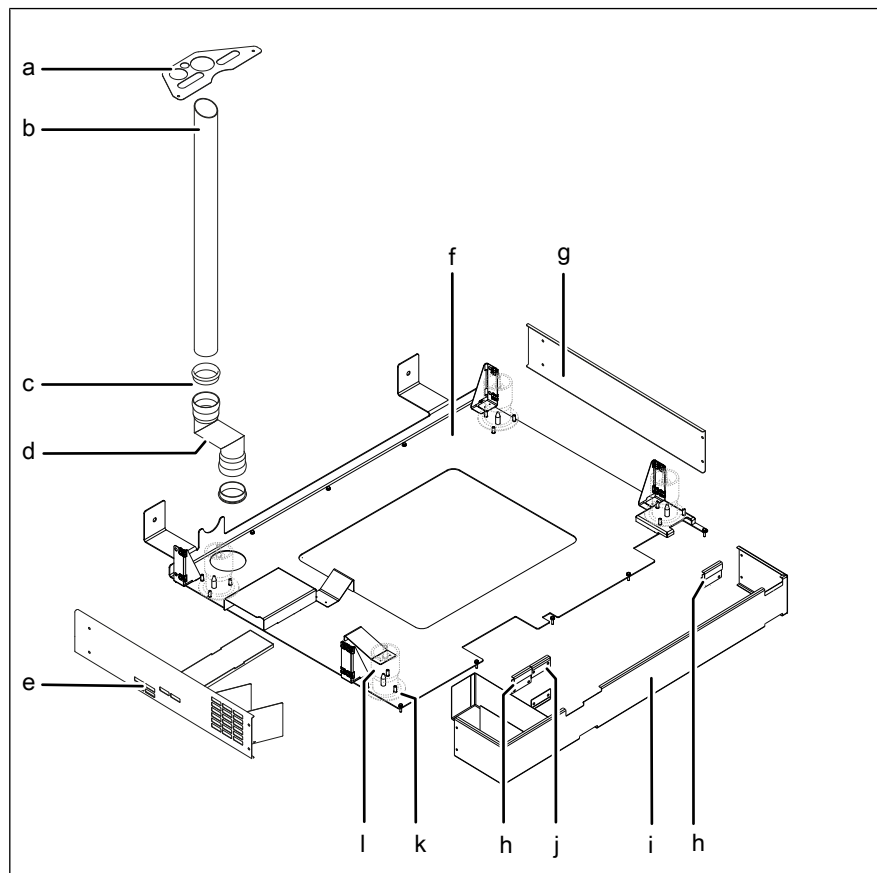


Image: Description of the individual parts





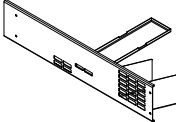
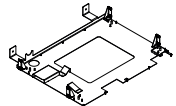
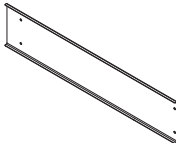
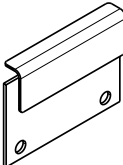
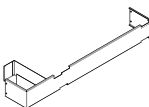
- | | | | |
|---|---------------------------------|---|--|
| a | Outgoing air pipe holder | g | Cover panel (right) |
| b | Extension for outgoing air pipe | h | Cover plate for unit Gen 2 (only available once) |
| c | Seal for outgoing air pipe | i | Cover panel (front) |
| d | Outgoing air pipe diverter | j | Cover plate |
| e | Cover panel (left) | k | Unit leg shim (dashed line) |
| f | Adapter plate | l | Top Combisteamer unit leg (dashed line) |











4 Scope of delivery

The following parts are included in the delivery.

Prior to the installation, check that the parts are complete and undamaged.

Scope of delivery

Item	Image	Name	Article number	Quantity
a		Outgoing air pipe holder	866864	1
b		Exhaust air pipe for 6 top (installation kit 845906)	935634	1
		Exhaust air pipe for 10 top (installation kit 10035790)	10034004	1
c		Seal for outgoing air pipe	211079	2
d		Outgoing air pipe diverter	204501	1
e		Cover panel (left)	10034023	1
f		Adapter plate	945516	1
g		Cover panel (right)	945504	1
h		Cover plate for unit Gen 2	10037831	1
i		Cover panel (front)	10034026	1

Item	Image	Name	Article number	Quantity
j		Cover plate	802401	2
		Adhesive tape	303503	1
		Snap nut, M4	208025	12
		Screw, M4x10	118005	12
		Screw, M4x16	101120	10
		Nut, M4	113082	6
		Lock washer, 4	121031	10
		Washer, 4	120017	16
		Nut, M6	113091	12
		Lock washer, 6	121033	12

5 Proceeding with installation

⚠ DANGER

Risk of fatal injury from falling unit

- Do not stand under a suspended load.
 - Cordon off danger zone in compliance with regulations.
-

⚠ CAUTION

Risk of property damage and personnel injury from tipping unit

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

⚠ CAUTION

Risk of crushing from improper installation

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

⚠ CAUTION

Risk of injury from sharp edges

- Wear protective gloves.
-

NOTICE

Risk of property damage from lifting the unit incorrectly

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

NOTICE

Risk of property damage from improper lifting of the unit

- Lift size 6 and size 10 units only with the aid of rectangular timbers placed underneath.
-

INFORMATION

When installing the stacking kit, please observe the installation instructions for the Combisteamer that has been installed.

5.1 Fastening the unit combination to the floor

! WARNING

Falling over is possible with the following unit combinations

Floor mounting is mandatory for the following unit combinations.

- FPECOD121-621A
- FPECOD115-621
- FPECOD121-615
- FPECOD115-615

! WARNING

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.

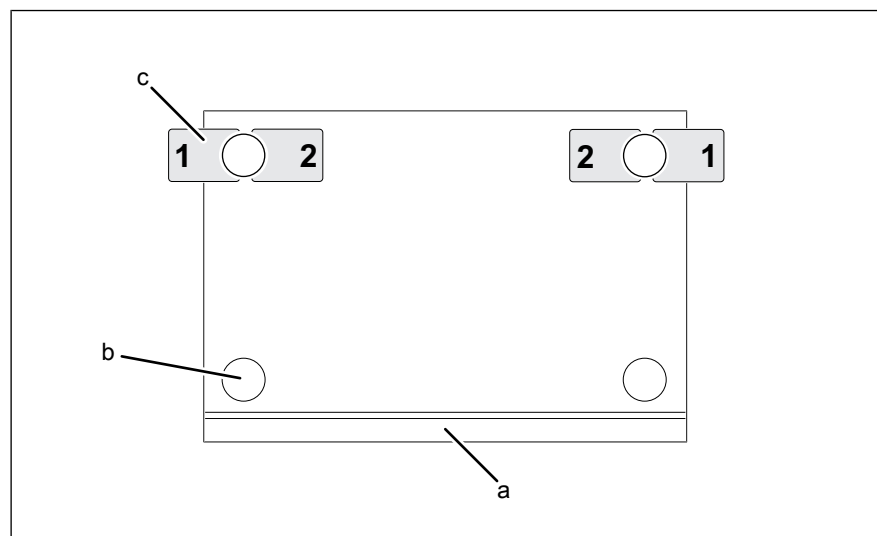


Image: Arrangement of the floor plates (view from above)

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

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.

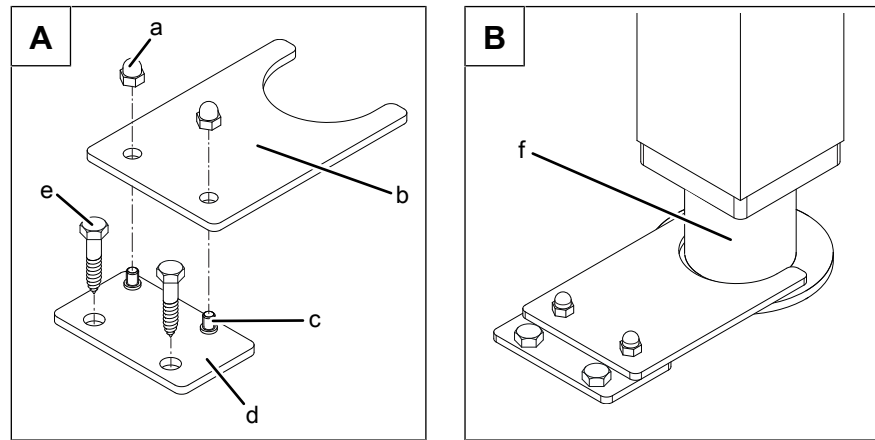


Image: A: Position of floor plate; B: floor plate bolted to the floor

- 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.

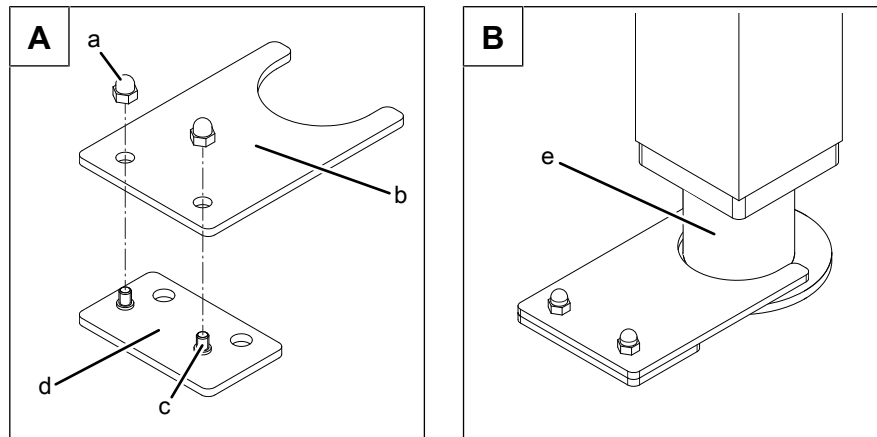


Image: A: Position of floor plate; B: floor plate glued to the floor

- | | | | |
|---|---------------|---|-------------|
| a | Cap nut | d | Floor plate |
| b | Holding plate | e | Unit leg |
| c | Upright bolt | | |

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.

5.2 Preparing to place in position

5.2.1 Preparing the underframe (optional)

⚠ CAUTION

Risk of property damage and personal injury from slide-in rails that are too high.

- The underframe under an attached stacking kit must be a maximum of 270 mm high.

Prerequisite Load-bearing capacity of the floor suitable for the underframe and unit

1. Set up the underframe in accordance with the planning drawing.
2. Level the underframe.
 - ↳ To do this, screw the foot on the unit leg in or out.
 - ↳ The underframe is leveled.

5.2.2 Preparing the top Combisteamer

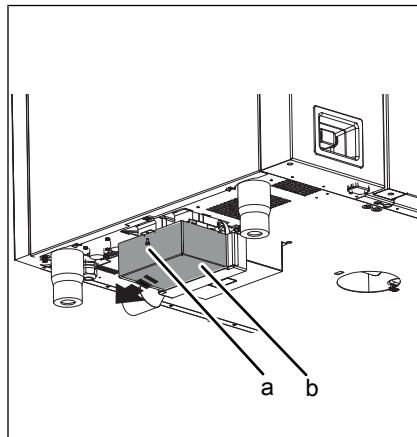


Image: Dismantle cover pumps

a Screw

b Cover pumps

Prerequisite Unit unpacked

Electrical connection line dead

Water supply line disconnected from the supply network

Wastewater connection prepared

1. Unscrew the screw of the pump cover.
 2. Pull the pump cover away from the unit and then remove it downwards.
 3. Screw in the screw again.
- ↳ The top Combisteamer is prepared.
 - ↳ The cover pumps is no longer needed.

5.2.3 Preparing the bottom Combisteamer

- Prerequisite**
- Unit unpacked
 - Electrical connection line dead
 - Water supply line disconnected from the supply network
 - Wastewater connection prepared
 - Stacking kit checked for completeness and made ready
 - Underframe prepared (optional)

1. Attach the adapter plate.
2. Attach the outgoing air pipe diverter.

↳ Bottom Combisteamer prepared.

Attaching the adapter plate

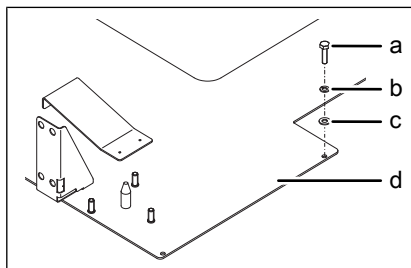


Image: Adapter plate

- a Screw
- b Lock washer
- c Washer
- d Adapter plate

1. Unscrew the screws on the unit cover of the bottom Combisteamer.
2. Place and align the adapter plate on the unit cover.
3. Screw the new screws from the scope of delivery into the adapter plate and unit cover.

Attaching the outgoing air pipe diverter

INFORMATION

Apply cleaning liquid to the seal for easier installation.

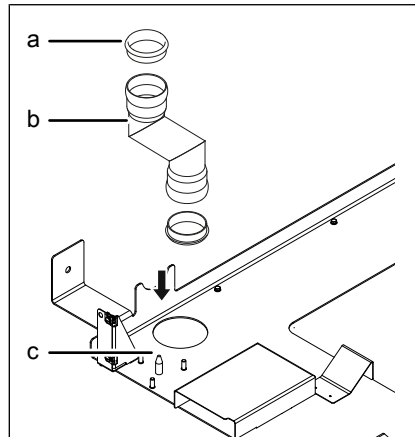


Image: Outgoing air pipe diverter with locking mechanism on adapter plate (arrow)

- a Seal
- b Outgoing air pipe diverter
- c Adapter plate

Prerequisite Adapter plate attached

1. Put the seals onto the outgoing air pipe diverter.
2. Put the outgoing air pipe diverter onto the unit's outgoing air outlet.
3. Press the outgoing air pipe diverter into place and align it.
 - ↳ The outgoing air pipe diverter must be located firmly on the locking mechanism.
 - ↳ Outgoing air pipe diverter attached.

5.3 Installing the Combisteamer (bottom)

5.3.1 Placing the bottom Combisteamer on the underframe (optional)

Prerequisite Bottom Combisteamer prepared

1. Lift the bottom Combisteamer with a lifting truck and place it on the underframe.
 - ↳ Pay attention to the positioning of the unit legs on the upright bolts.
2. Set the Combisteamer unit legs and align them.
 - ↳ Adjust the unit legs by screwing them in or out.
 - ↳ The Combisteamer unit legs are set.
 - ↳ The Combisteamer is aligned.
- ↳ The bottom Combisteamer is placed on the underframe.

5.3.2 Installing the bottom Combisteamer on the floor

Prerequisite Bottom Combisteamer prepared

1. Lift the bottom Combisteamer off the pallet with a lifting truck (see Combisteamer installation instructions).
2. Install and align the bottom Combisteamer.
 - ↳ The bottom Combisteamer is installed.

5.4 Placing the top Combisteamer

WARNING

Risk of injury from the unit tilting

Support the unit to prevent the unit from tilting.

NOTICE

Risk of property damage from improper lowering of the unit

Take care not to damage the unit's locking unit.

INFORMATION

The manufacturer recommends the use of flange feet for the top combi steamer.

The installation with flange feet is described here. When mounting without flange feet, the unit leg is placed between the screws.

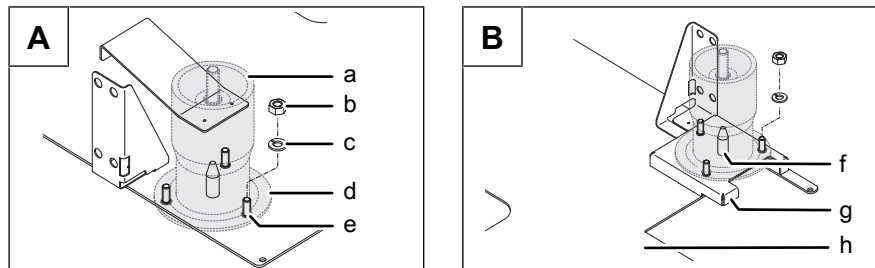


Image: A Front left unit leg, B front right unit leg

- | | |
|---|-------------------------------|
| a Top Combisteamer unit leg (dashed line) | e Upright bolt |
| b Nut | f Upright bolt |
| c Lock washer | g Adapter plate reinforcement |
| d Washer (unit leg) | h Adapter plate |

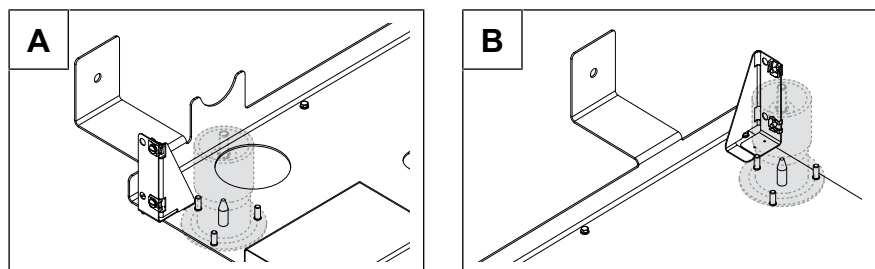


Image: A Left rear unit leg, B Right rear unit leg

Prerequisite Bottom Combisteamer installed and aligned

1. Lift the top Combisteamer off the pallet with a lifting truck (see Combisteamer installation instructions).
2. Prepare the water connection.
 - ↳ Connect the hose for the water connection to the Combisteamer (see "Installation instructions for Combisteamer").

3. On a gas unit: Connect the gas connection pipe.
4. Lift the top Combisteamer with a lifting truck and place it on the installed adapter plate.
 - ↳ Pay attention to the positioning of the unit legs on the upright bolts.
5. Position the washer on the unit leg over the upright bolt.
6. Set the front left unit leg to 118 mm by screwing it in or out.
7. Set the front right unit leg to 98 mm by screwing it in or out.
 - ↳ When doing this, pay attention to the reinforcement on the adapter plate.
 - ↳ The front unit legs are set.
8. Adjust the rear of the unit legs to 118 mm by screwing them in or out.
 - ↳ The rear unit legs are set.
9. Put on spring washers.
10. Put on nuts and screw on with only two turns.
 - ↳ The top and bottom Combisteamers are connected together.
 - ↳ Combi steamer top can still be tilted slightly for mounting the front panel.

5.5 Attaching the anti-tilt unit

NOTICE

Risk of property damage from squashed cables and hoses

Cables and hoses must not be squashed.

INFORMATION

Suitable fastening materials must be provided by the customer.

The following work must be carried out in the building:

1. Attaching the anti-tilt unit.

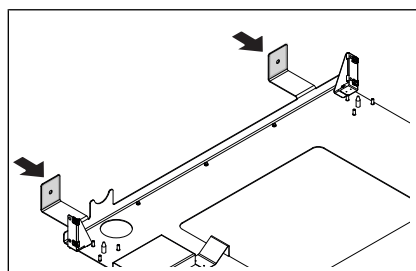


Image: Anti-tilt unit

Prerequisite Combisteamers interconnected

1. Move the Combisteamer into the final position.
 - ↳ Do not squash the cables and hoses.

2. Press the angles to the wall.
 - ↳ If necessary, compensate for any unevenness with suitable shims.
3. Depending on the type of fastening required, fasten the angles rigidly and securely to the wall with suitable fastening materials.
 - ↳ Anti-tilt unit is installed.

5.6 Attaching the outgoing air pipe

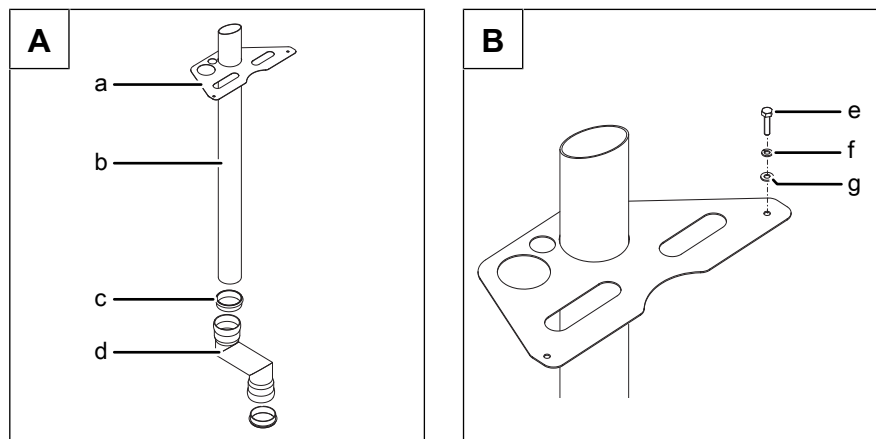


Image: A Components, B Fastening for outgoing air pipe on top Combisteamer

- | | | | |
|---|----------------------------|---|-------------|
| a | Outgoing air pipe holder | e | Screw |
| b | Outgoing air pipe | f | Lock washer |
| c | Seal for outgoing air pipe | g | Washer |
| d | Outgoing air pipe diverter | | |

Prerequisite

Outgoing air pipe diverter installed

1. Put the outgoing air pipe onto the outgoing air pipe diverter.
2. Unscrew the screw on the unit cover of the top Combisteamer.
 - ↳ Keep the screw, washer and lock washer.
3. Put the outgoing air pipe holder on the outgoing air pipe.
4. Fasten the outgoing air pipe holder to the unit cover of the top Combisteamer with the screw, washer and lock washer.
 - ↳ Outgoing air pipe is attached.

5.7 Making connections

Carry out the following work as described in the installation instructions for the Combisteamer:

1. Connect both Combisteamers separately to the power supply.
2. Connect both Combisteamers separately to the water supply.
3. Connect both Combisteamers separately to the water and waste water mains.
4. Carry out function check.
5. Put both Combisteamers into service.

6. Complete both start-up operation reports.

5.8 Attaching the cover panels

5.8.1 Assembling the front cover panel

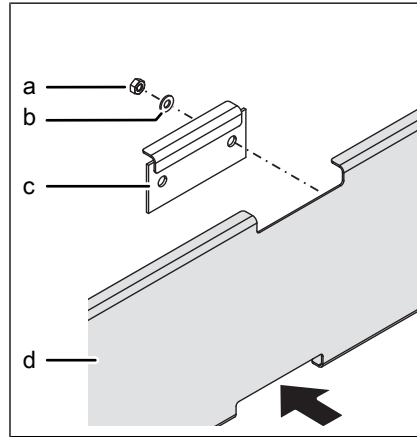


Image: Unit right hinged

a Screw
b Nut

c Plate
d Cover panel

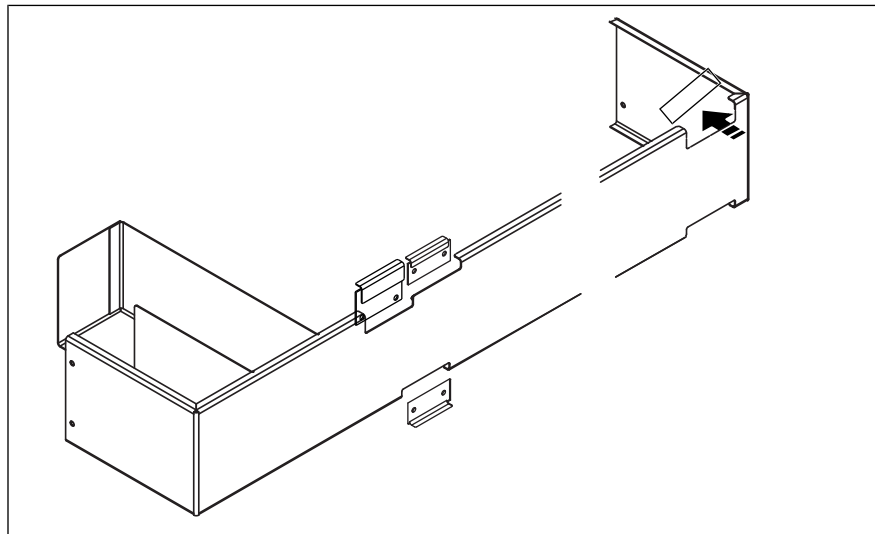


Image: Combisteamer top unit Gen 2 right hinged

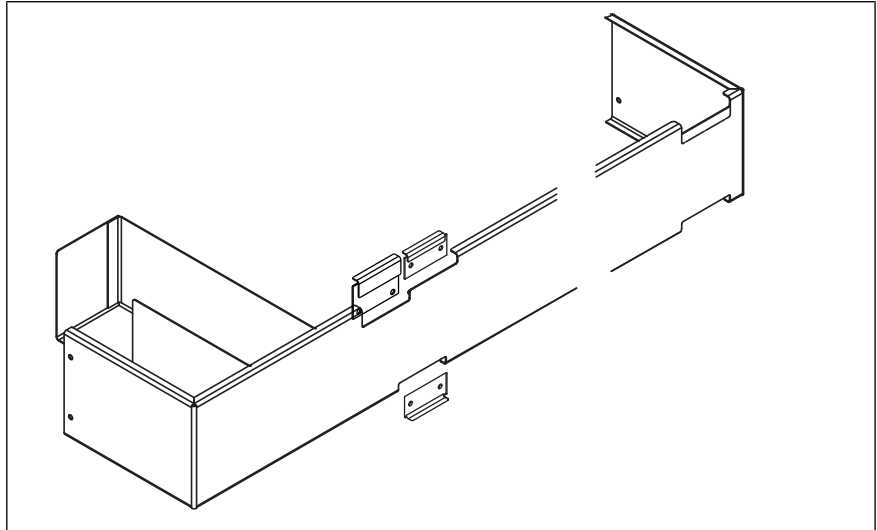


Image: Combisteamer top unit Gen 1 right hinged

Right-hinged unit Gen 2

1. Break out the cut-out on the right-hand side of the cover at the pre-punched point to enlarge it.
2. Close the cut-out on the left side of the cover panel.
3. Put the plate on the pin and press it into position.
4. Put the washer on and fasten it with the nut.
↳ Proceed in the same way with the second plate.
5. Slightly screw in the screw in the center of the cover.
↳ Cut-out in the cover plate is closed.

Right-hinged unit Gen 1

6. Close the cut-out on the left side of the cover panel.
7. Put the plate on the pin and press it into position.
8. Put the washer on and fasten it with the nut.
↳ Proceed in the same way with the second plate.
9. Slightly screw in the screw in the center of the cover.
↳ Cut-out in the cover plate is closed.

5.8.2 Attaching the front cover panel

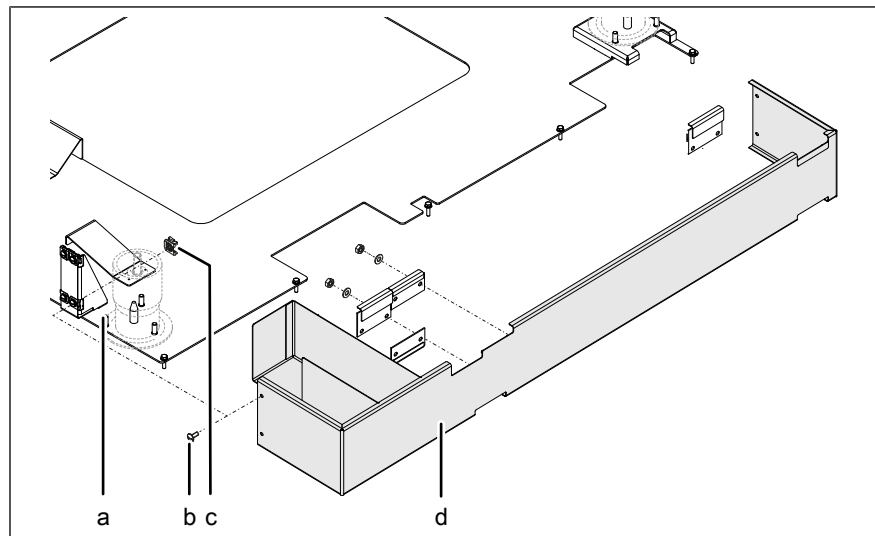


Image: Cover panel

- | | |
|-----------------|---------------|
| a Adapter plate | c Nut |
| b Screw | d Cover panel |

Prerequisite Both units are not live
Combisteamers connected together
Water connection made

1. Put the nut on the holder.
2. Tilt the upper combi steamer slightly backwards.
3. Press the cover panel onto the adapter plate.
 - ↳ When doing this, carefully push in the air duct under the top Combisteamer.
 - ↳ Do not damage USB connector on the left bottom side of the upper unit.
4. Tighten the cover with the screw on the left, center and right.
5. Tighten the nuts that were previously only lightly attached to the unit legs.
 - ↳ Orifice plate attached at the front.
 - ↳ Both combi steamers firmly connected to each other.

5.8.3 Attaching the cover panel on the right

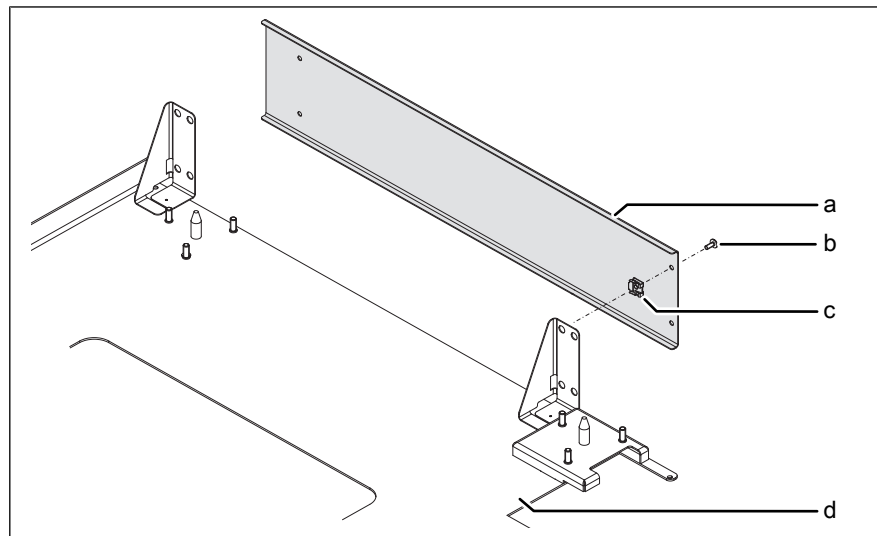


Image: Cover panel

a Cover panel
b Screw

c Nut
d Adapter plate

Prerequisite Both units are not live
Combisteamers connected together
Water connection made

1. Put the nut on the holder.
 2. Press the cover panel onto the adapter plate.
 3. Screw the cover panel tight with the screw.
- ↳ Cover panel attached.

5.8.4 Attaching the cover panel on the left

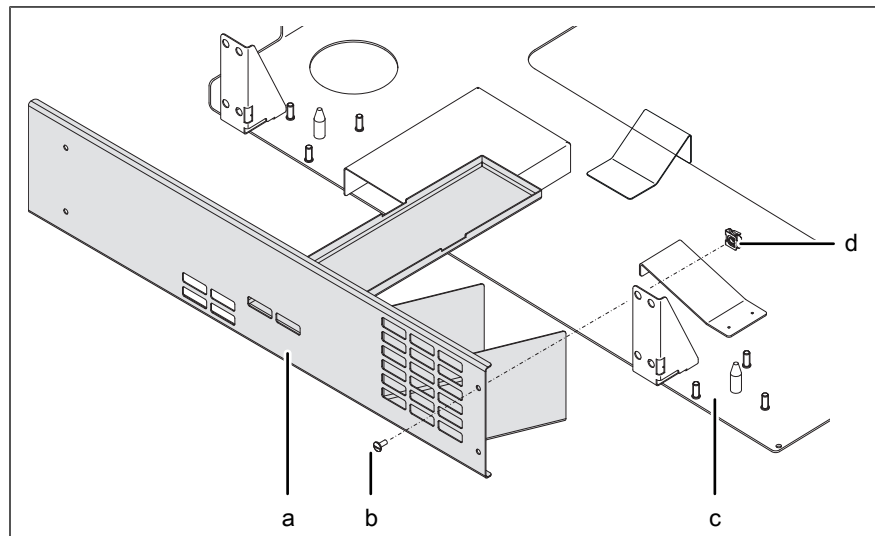


Image: Cover panel

a Cover panel
b Screw

c Adapter plate
d Snap nut

Prerequisite Both units are not live
Combisteamers connected together
Water connection made
Cover panel on the right attached

1. Put the nut on the holder.
2. Press the cover panel onto the adapter plate.
 - ↳ When doing this, carefully push in the air duct under the top Combisteamer.
3. Screw the cover panel tight with the screw.
 - ↳ Cover panel attached.

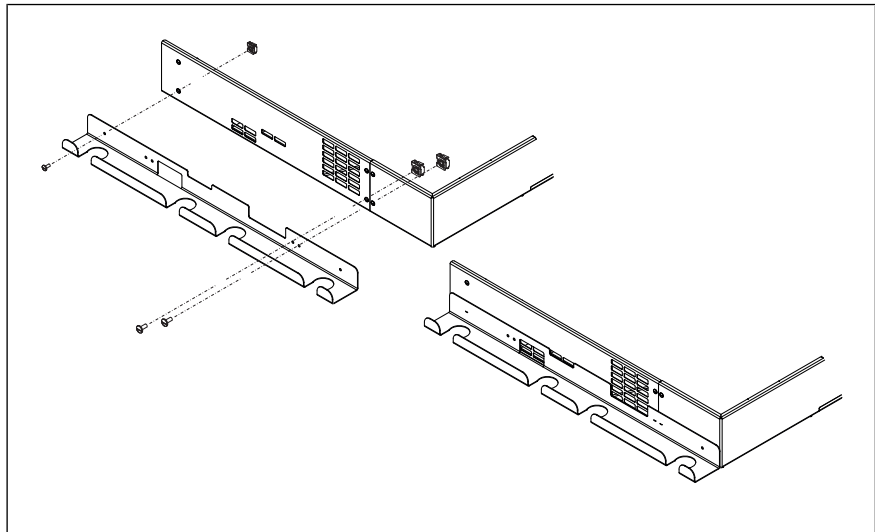
5.8.5 Fitting the grease drain hose holder

INFORMATION

The holder can be attached to the left and right side of the unit.

No additional screws are required.

Use the screws that have been removed.



Unit disconnected from power supply.

1. Unscrew the lower screws on the cover.
2. Place the holder.
3. Fasten the cover and holder with screws.



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