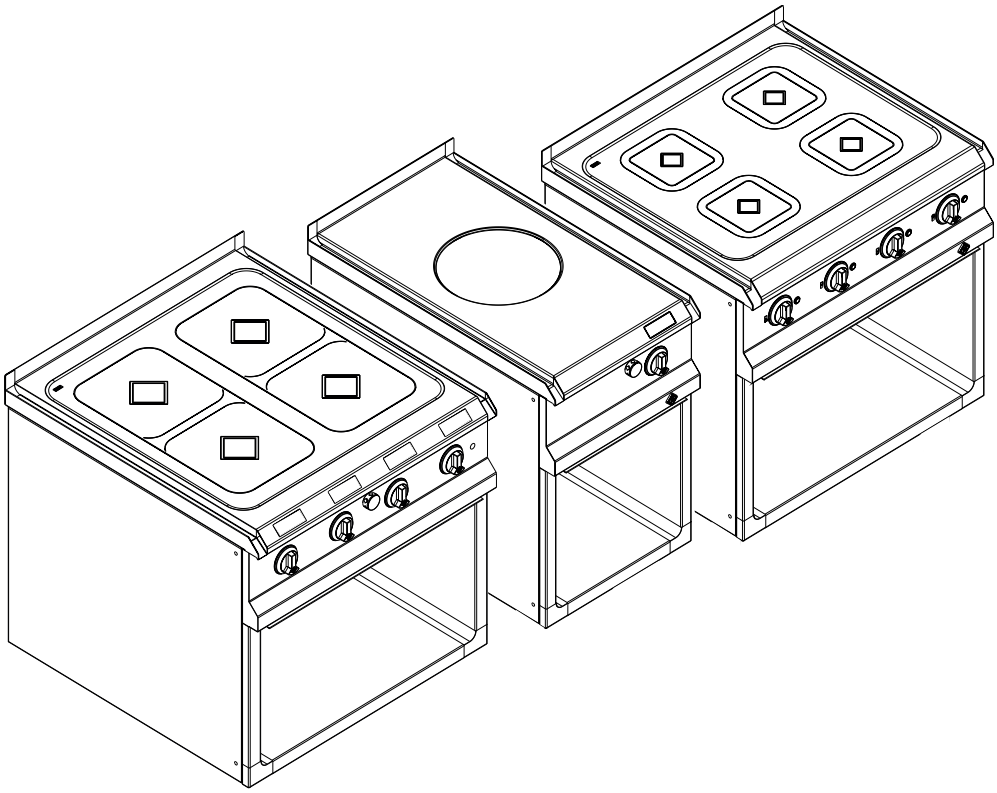
Read the operating instructions prior to commissioning

Installation instructions

Cooker



Unit	Energy type	Model
Induction cooker	Electric	R8EHEI...
		N7EHEI...

10000009753AINBED en-GB

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1 Introduction

1.1 About this manual

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

Target group The target group for the installation manual is trained technical personnel that is familiar with installing and operating the unit.

The instruction manual is part of the unit and contains information on safe installation of the unit.

Observe and adhere to the following instructions:

- Read the instruction manual in its entirety prior to installation.
- Make the instruction manual available to the installer at the operating site at all times.
- Preserve the installation manual throughout the service life of the unit.
- Insert any supplements from the manufacturer.
- Pass on the installation manual to any subsequent operator of the unit.

1.1.1 Explanation of signs



DANGER
Imminent threat of danger

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



WARNING
Possible threat of danger

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



CAUTION
Dangerous situation

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

ATTENTION
Physical damage

Failure to comply can cause physical damage.



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 about it.

1.2 Personnel qualifications

Explanation of qualification

Skilled staff	• Skilled staff are those, who due to their professional training, knowledge and experience as well as their knowledge of the relevant standards can assess the tasks given to them and recognize any possible dangers.

Type of activity	Qualification
Power connection	• Electrician • Specific professional training • Employee of the specialist company concerned

1.3 Use of the unit

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

The use of the unit is prohibited in the following countries:

- USA
- Canada

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,
- Incorrect startup, operation or maintenance of the unit,
- Problems resulting from failure to observe these instructions.

2 Safety information

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 installer must be familiar with regional regulations and observe them.

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

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

- 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 setup, 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.
- When setting up the unit in close proximity to heat-sensitive substances or substances that pose a risk of fire, observe fire prevention regulations.

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Organisational measures

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

- Identify hazard areas when transporting, setting up and connecting the unit.
- Prior to starting the installation work, notify any operators present about the procedure.
- Prior to starting the installation work, 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.

Setup

Risk of property damage and personal injury from improper setup

- Ensure that the installation area has adequate load-bearing capacity.
- Ensure that the unit is stable when set up and aligned.
- Wear safety shoes and protective gloves.

Electrical connection

Risk of fire from improper connection

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

Risk 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 absence of voltage.
- Use only insulated tools.
- Do not put a unit with damaged operating elements into service.

Unit on castors or rollers

Risk of the supply cable tearing off with units on rollers or cylinders

- The securing device must be designed for a tensile force of at least 0.6 kN.
- The safety cable must be shorter than the connecting cable of the appliance.

Additional connection work

Risk of physical damage and personal injury from improper connection

- Prior to working on the unit, switch off the unit, disconnect the unit from the mains and prevent power from being switched on again. Check to ensure absence of voltage.
- Route connection lines such that they cannot be damaged from heat.

Concluding activities

Risk of damage to property and personal injury from improper connections

- Reactivate all safety devices and check that they function properly.

Commissioning

Risk of property damage and personal injury from improper commissioning

- Read the operating instructions prior to commissioning. Observe the safety instructions in this installation manual and in the "Safety information" chapter of the operating instructions.
- Put the unit into service only after a successful function test following assembly.
- 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

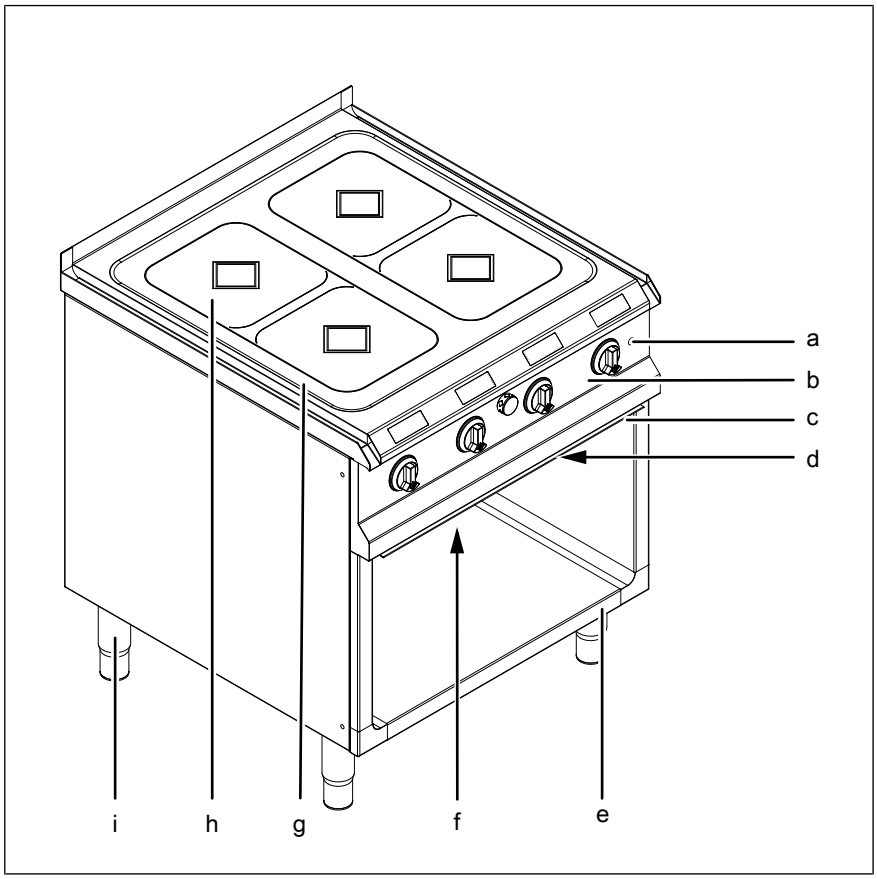


Image: Induction cooker

a Connection for core temperature sensor (optional)
b Operating elements
c Air diverter
d Air outlet opening
e Nameplate
f Air filter
g Cooktop marking
h Glass ceramic cooktop
i Equipment leg (optional)

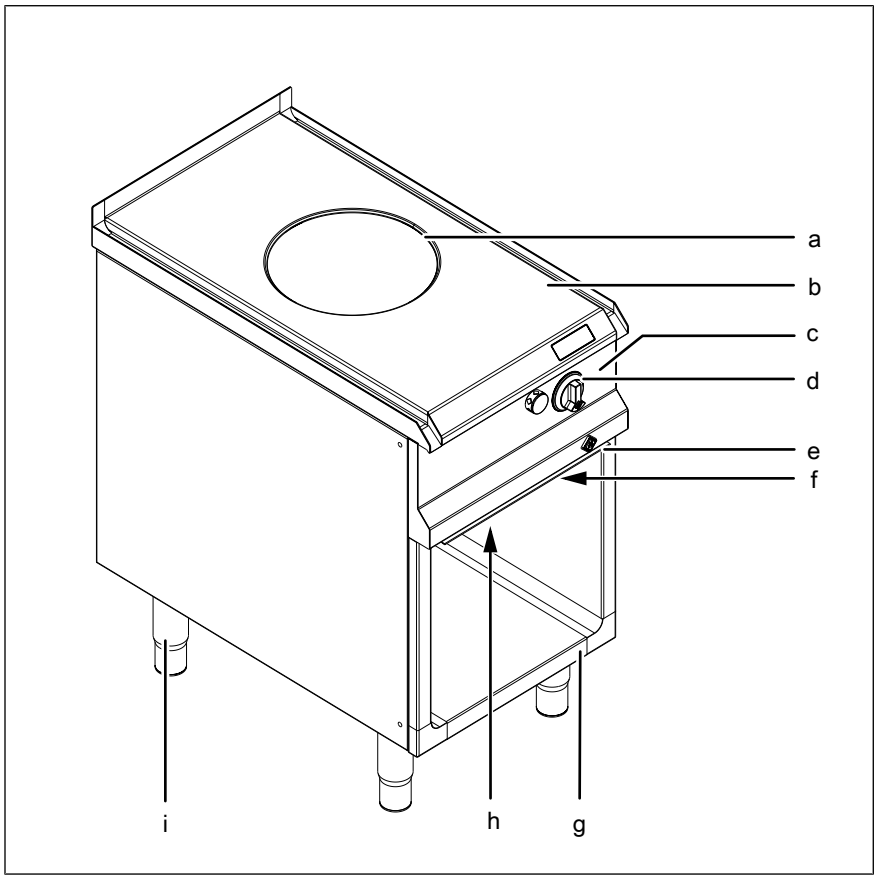


Image: Induction cooker with wok hob

a Wok hob
b Glass ceramic cooktop
c Connection for core temperature sensor (optional)
d Operating elements
e Air diverter
f Air outlet opening
g Nameplate
h Air filter
i Equipment leg (optional)

3.2 Unit and connection data

	Electronic control	Thermostatic control
Operating environment		
Temperature (° C)	5 — 40	
Relative humidity (%) non-condensing	95	
Protection class		
Protection class	IPX6	
Data interfaces		
WLAN	present	---
Power optimisation system (LOA) (A100)		
Connection terminal (mm²)	2,5	
Maximum load connection -X4 Output signal a and b (corresponds with potential L1)	250 V / 150 mA	---
Maximum load connection -X4 Input signal c	250 V / 250 mA; at least 10 mA	---
Floating contact		
Maximum load connection -X5 Machine On	250 V / 5 A	
External signalling		
Maximum load connection -X6	250 V / 5 A	---
Fire protection interface(A101)		
Maximum load connection -X2 External protection necessary	230 V / 500 mA	---
Signal frequency	50 / 60 Hz	---
Release	230 V ~	---
Blocked	0 V ~	---

Induction cooker	**R8 Line**			
	R8EHEI051...	**R8EHEI042...**	**R8EHEI052...**	**R8EHEI084...**
Heat zones	1	2	2	4
Dimensions				
Length x width x height (mm)	500 x 850 x750	400 x 850 x750	500 x 850 x750	800 x 850 x750
Weight				
Weight (kg)	65	65	65	87
Emissions				
Noise level (dB(A))	< 70			
Heat release				

Induction cooker	R8 Line			
	R8EHEI051...	R8EHEI042...	R8EHEI052...	R8EHEI084...
Latent (W) Heating insert with 5/8/10 kW	140/224/280	280/448/560	280/448/560	560/896/1120
Sensible (W) Heating insert with 5/8/10 kW	350/560/700	700/1120/1400	700/1120/1400	1400/2240/2800
The sensible and latent heat amounts are determined in Germany on the basis of VDI 2052 at a connection voltage of 400 V. Regulations applying in other regions may vary from this.				
Power connection				
Type of connection	3NPE 400 — 440 V AC 50/60 Hz			
Connection terminal (mm^2)	10	25	25	25
Point induction				
Connected load per heat zone (kW)	5	5	---	5
Power consumption per heat zone (A)	12.5	12.5	---	12.5
Connected load per heat zone (kW)	8	8	---	8
Power consumption per heat zone (A)	20	20	---	20
Connected load per PowerBoost* heat zone (kW)	8	8	---	8
Power consumption per heat zone (A)	25	25	---	25
Full-surface induction				
Connected load per heat zone (kW)	5	---	5	5
Power consumption per heat zone (A)	12.5	---	12.5	12.5
Connected load per heat zone (kW)	8	---	8	8
Power consumption per heat zone (A)	20	---	20	20
Connected load per PowerBoost* heat zone (kW)	8	---	8	8
Power consumption per heat zone (A)	25	---	25	25
Depending on the configuration of the heat zones, the values specified in the individual columns are added together.				
The unit must be protected in accordance with the information on the nameplate.				
* PowerBoost = Increased heat output				

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Induction cooker	N7 Line			
	N7EHEI051...	N7EHEI042...	N7EHEI084...	N7EHEI082...
Heat zones	1	2	4	2
Dimensions				
Length x width x height (mm)	500 x 700 x750	400 x 700 x750	800 x 700 x750	800 x 700 x750
Weight				
Weight (kg)	45	57	73	70
Emissions				
Noise level (dB(A))	< 70			
Heat release				
Latent (W) Heating insert with 3.5/5/8/10 kW	-/140/224/280	196/280/-/-	392/560/-/-	-/-/448/560
Sensible (W) Heating insert with 3.5/5/8/10 kW	-/350/560/700	490/700/-/-	980/1400/-/-	-/-/1120/1400
The sensible and latent heat amounts are determined in Germany on the basis of VDI 2052 at a connection voltage of 400 V. Regulations applying in other regions may vary from this.				
Power connection				
Type of connection	3NPE 400 — 440 V AC 50/60 Hz			
Connection terminal (mm²)	10	25	25	25
Point induction				
Connected load per heat zone (kW)	---	3.5	3.5	---
Power consumption per heat zone (A)	---	8.75	8.75	---
Connected load per heat zone (kW)	5	5	5	---
Power consumption per heat zone (A)	12.5	12.5	12.5	---
Connected load per heat zone (kW)	8	8	8	---
Power consumption per heat zone (A)	20	20	20	---
Connected load per PowerBoost* heat zone (kW)	8	8	8	---
Power consumption per heat zone (A)	25	25	25	---

Induction cooker	N7 Line			
	N7EHEI051...	N7EHEI042...	N7EHEI084...	N7EHEI082...
Full-surface induction				
Connected load per heat zone (kW)	8	---	---	8
Power consumption per heat zone (A)	20	---	---	20
Connected load per PowerBoost* heat zone (kW)	8	---	---	8
Power consumption per heat zone (A)	25	---	---	25
Depending on the configuration of the heat zones, the values specified in the individual columns are added together.				
The unit must be protected in accordance with the information on the nameplate.				
* PowerBoost = Increased heat output				

4 Transporting the unit

4.1 Transporting the unit to the installation site

CAUTION
Risk of property damage and personnel injury from tipping equipment

- Do not linger next to or behind raised equipment.
- Move raised equipment carefully.

ATTENTION
Risk of physical 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.

ATTENTION
Risk of physical damage from improper transport

- Lift unpacked floor-standing unit in the vicinity of the equipment legs.

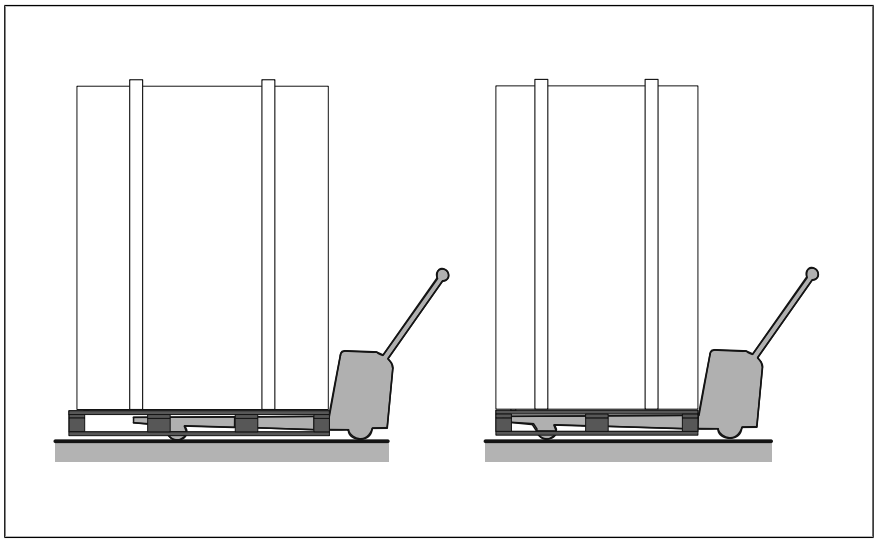


Image: Lengthwise and crosswise transport on pallet

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

4.2 Unpacking the unit



CAUTION
Risk of injury from sharp edges

- Wear protective gloves.



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. Clean the unit (See Operating instructions).
4. Enter the information from the nameplate into the Commissioning report.
5. Enter the information from the nameplate into the Operating instructions.

5 Setting up the unit

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

- Observe applicable regional fire prevention regulations.

CAUTION
Risk of crushing from improper setup

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

Planning drawing

The planning drawing and additional documents are available on the manufacturer's Internet page by entering the equipment number (see Impressum).

5.1 Opening and closing the housing

5.1.1 Attaching and removing the air diverter

Do not operate the unit without the air diverter.

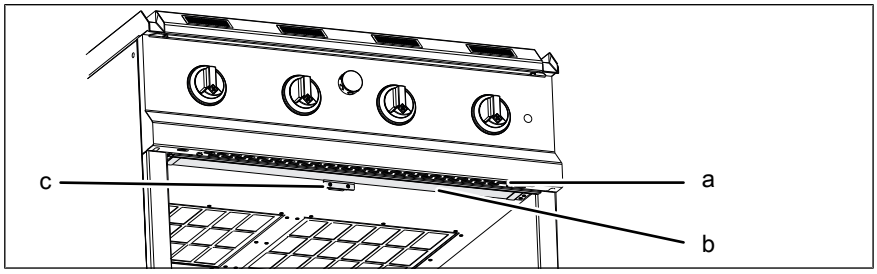


Image: Removing and installing the air diverter

a Air outlet opening
b Air diverter
c Magnet holder

Removing the air diverter

1. Pull the air diverter slightly forwards.
   ↳ The air diverter releases from the magnet holder.
2. Pull the air diverter downwards diagonally.
3. In the unit, loosen the screws on the magnet holder.
4. Remove the magnet holder.

Attaching the air diverter

1. In the unit, fix the magnet holder with the screws.
2. Slide the air diverter diagonally into the holder on the left and right.
3. Push the air diverter straight back to the magnet holder.

5.1.2 Removing and inserting the air filter frame

Do not operate the unit without air filters.

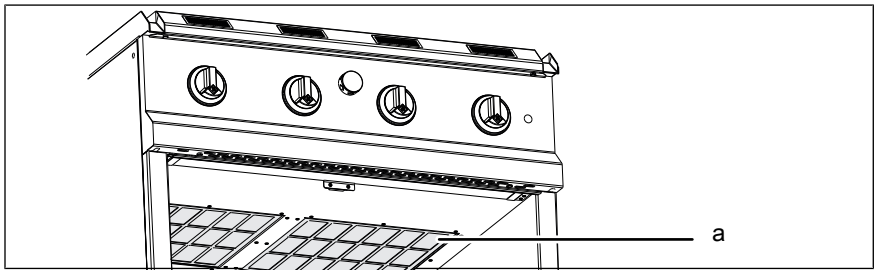


Image: Removing and attaching the air filter frame

a Air filter

Removing the air filter frame

Prerequisite Unit switched off

1. Pull the filter frame downwards.
   ↳ Magnets are released.

Inserting the air filter frame

Prerequisite Unit switched off

→ Insert and press on the filter frame.
↳ The filter frame is held by magnets.

5.1.3 Removing and installing the hygiene compartment

On units with a door, the door must be removed first.

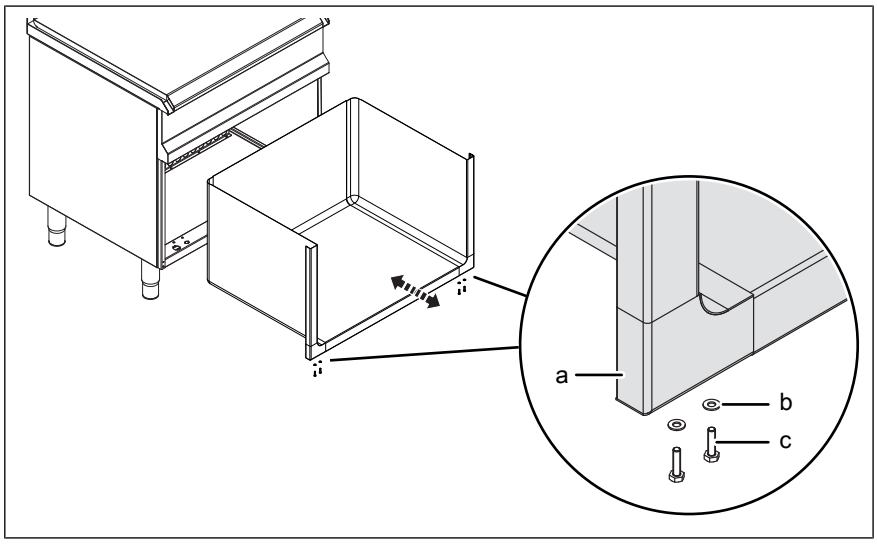


Image: Removing the hygiene compartment

a Hygiene compartment
b Washer
c Screw

Removing the hygiene compartment

Prerequisite Air diverter removed

For units with wok hob: Air filter frame removed

1. Unscrew the screws and washers.
2. Lift the hygiene compartment slightly at the front and pull out of the housing to the front.

Installing the hygiene compartment

1. Lift the hygiene compartment slightly at the front and carefully push it into the housing as far as it will go.
2. Position the hygiene compartment above the orifice in the housing.
3. Screw on both screws with washers.
4. For units with wok hob: Insert the air filter frame
5. Attaching the air filter frame.

5.1.4 Removing and attaching the door

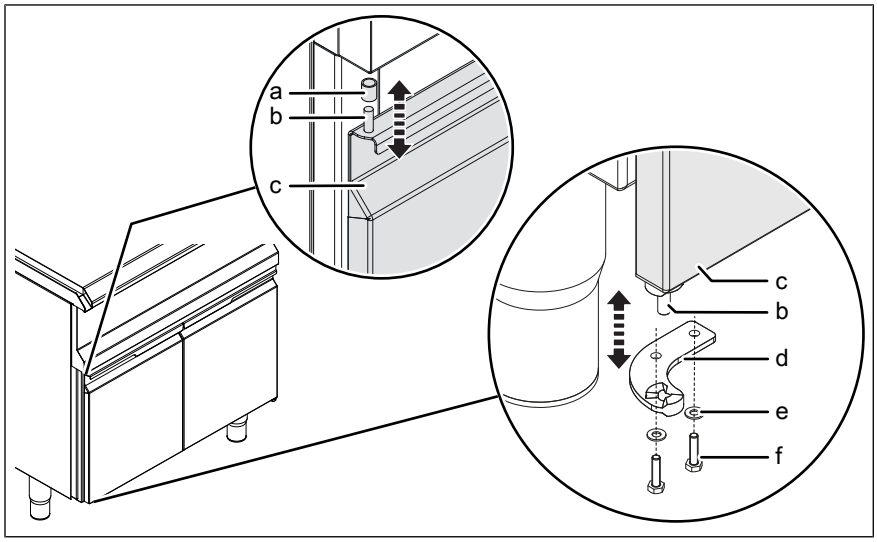


Image: Door attachment, hinged on the left here

a	Sleeve	d	Mounting bracket
b	Bolt	e	Washer
c	Door	f	Screw

Removing the door

The bolted locking disc is not removed.

1. Unscrew the screws on the mounting bracket.
   ↳ Pull the door downwards and remove it.
2. On units with two doors, remove the second door in the same way.

Attaching the door

1. Place the sleeve on the upper bolt.
2. Insert the door with the upper bolt and sleeve into the hole in the housing.
   ↳ In doing so, hold the door firmly and secure it against unintentional tilting.
3. Attach the mounting bracket to the bottom bolt of the door according to the drawing.
4. Position the mounting bracket above the orifice in the housing.
5. Screw on both screws with washers.
   ↳ In doing so, align the door.
6. On units with two doors, attach the second door in the same way.
   ↳ Align the doors parallel.
   ↳ Ensure an even joint between the doors.
7. Check the locking function of the door.

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5.1.5 Removing and attaching the control panel

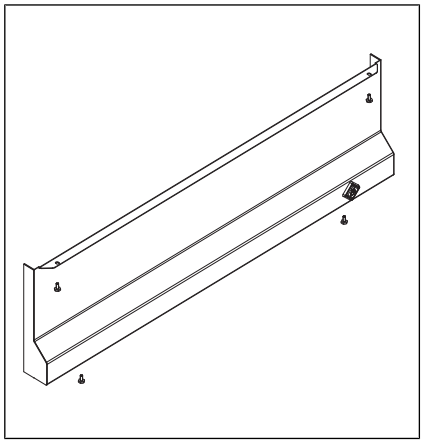


Image: Removing the control panel

Removing the control panel

Prerequisite Unit is disconnected

Control knob removed

1. Unscrew the screws on the control panel.
2. Remove the control panel.

Attaching the control panel

Prerequisite Unit is disconnected

1. Press in the control panel.
2. Screw in the screws on the control panel.
3. Attach the control knob.

5.2 Setting up the unit on the equipment legs

WARNING
Risk of injury from falling unit

- Secure the unit adequately when lifting and lowering.
- Do not linger under the unit when lifted.

ATTENTION
Physical damage from equipment legs shearing off

Equipment legs can shear off, if the unit is pushed.

- Do not push the unit.
- Raise the unit before moving it.

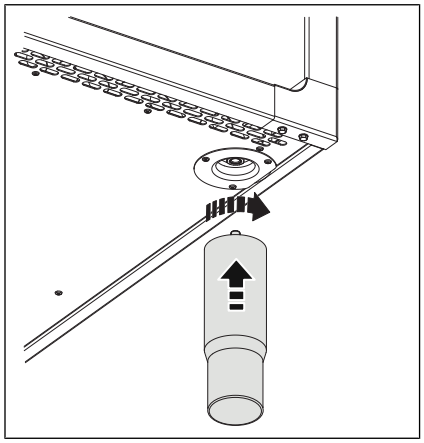


Image: Screw in the equipment leg

Prerequisite Floor capable of accommodating the weight of the unit

1. Use appropriate lifting gear to lift the unit.
2. Screw in the equipment legs and tighten them hand-tight.
3. Set up the unit in accordance with the planning drawing.
4. Align the unit lengthwise and crosswise (see "Aligning the unit").

5.3 Setting up the unit on the base

WARNING
Risk of injury from falling unit

- Secure the unit adequately when lifting and lowering.
- Do not linger under the unit when lifted.

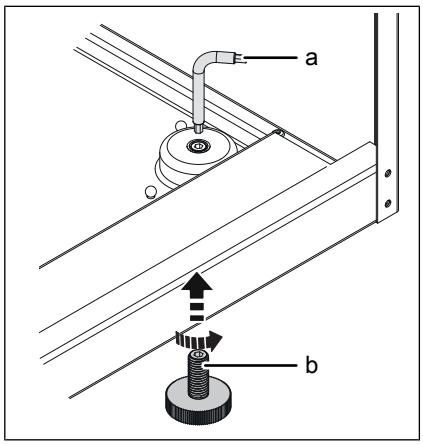


Image: Screw in the equipment leg for the base

a Allen key b Equipment leg

When setting up with other units from the same manufacturer, set up the first unit at the highest area of the base. Align the following units horizontally.

Prerequisite Floor capable of accommodating the weight of the unit

Hygiene insert removed

1. Use appropriate lifting gear to lift the unit.
2. Screw the equipment leg completely into the intended position and tighten hand-tight.
3. Lift the unit over the connection cables and set it up in accordance with the planning drawing.
4. Align the unit lengthwise and crosswise (see "Aligning the unit").

5.4 Setting up the unit on casters

WARNING
Risk of injury from falling unit

- Secure the unit adequately when lifting and lowering.
- Do not linger under the unit when lifted.

The casters are enclosed with the unit and must be attached before setting up the unit.

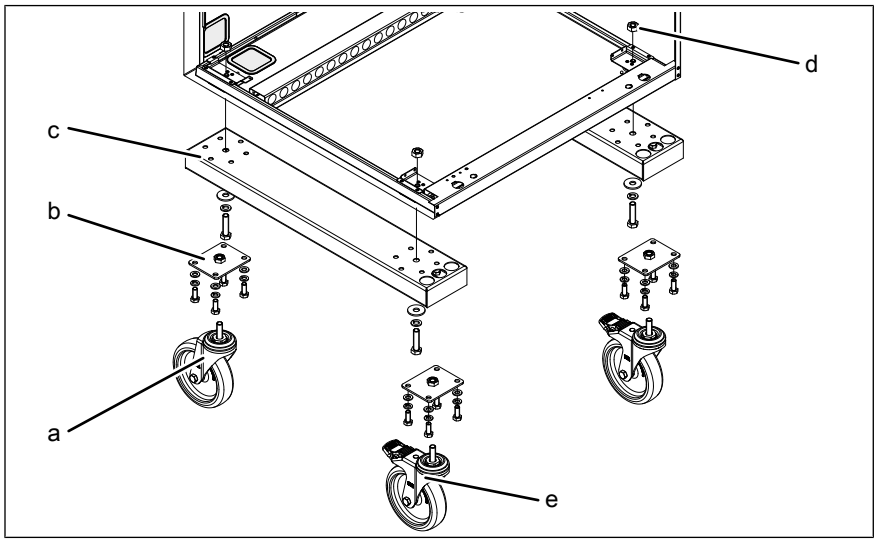


Image: Unit on casters

a Caster
b Flange plate
c Connecting profile
d Locknut
e Caster with parking brake

Prerequisite Floor capable of accommodating the weight of the unit
The floor under and in front of the unit is flat
Hygiene insert removed

1. Use appropriate lifting gear to lift the unit.
2. Screw the connecting profile firmly under the appliance using screws and washers.
3. Screw on the lock nut from above and tighten.
4. Screw the flange plate firmly to the connecting profile using screws and washers.
5. Screw in the caster from underneath and tighten firmly.
   ↳ Ensure that the casters with parking brake are positioned at the front.
6. Set up the unit in accordance with the planning drawing.
7. Secure the unit to the wall.
8. Lock the casters to prevent the unit from rolling away.

↳ The height of the unit cannot be adjusted.

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5.5 Setting up the unit on rollers

WARNING
Risk of injury from falling unit

- Secure the unit adequately when lifting and lowering.
- Do not linger under the unit when lifted.

The rollers are enclosed with the unit and must be attached before setting up the unit.

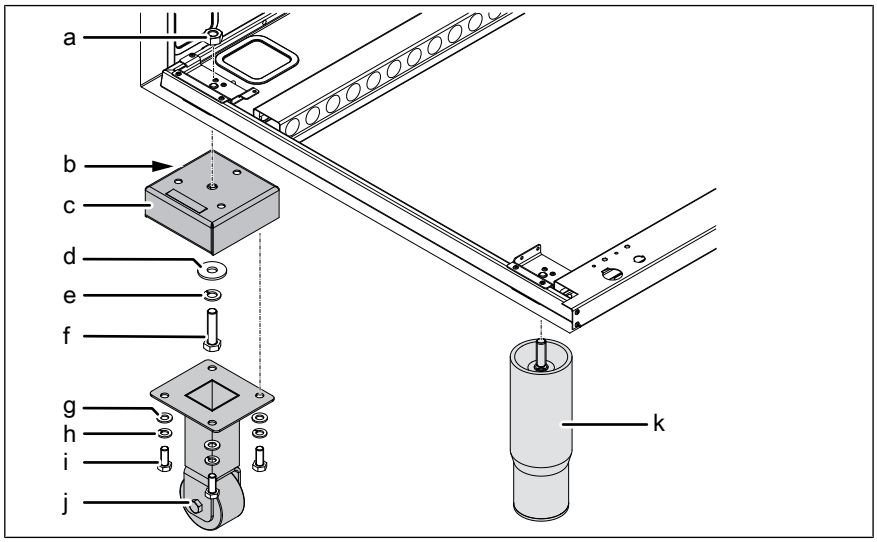


Image: Unit on rollers

a Nut (2 x)
b Fastening point for securing.
c Flange plate (2 x)
d Washer (2 x)
e Lock washer (2 x)
f Screw (2 x)
g Washer (8 x)
h Lock washer (8 x)
i Screw (8 x)
j Roller (2 x)
k Equipment leg (2 x)

Prerequisite Floor capable of accommodating the weight of the unit

The floor under and in front of the unit is flat

Hygiene insert removed

1. Use appropriate lifting gear to lift the unit.
2. Tighten the base at the back with the screw and washers under the unit.

   ↳ Observe the alignment
3. Screw on the lock nut from above and tighten.
4. Screw the roller firmly to the base using screws and washers.

   ↳ Observe the alignment of the roller
5. Screw the front equipment leg completely into the intended position and tighten hand-tight.
6. Set up the unit in accordance with the planning drawing.
7. Secure the unit to the wall.
8. Align the unit crosswise (see "Aligning the unit").

↳ The height of the unit cannot be adjusted.

6 Aligning the unit

ATTENTION
Risk of physical damage from incorrect alignment of the unit

The faultless function of the unit is not assured, if it is aligned incorrectly

- Align the unit carefully.

6.1 Aligning the unit with equipment legs

ATTENTION
Physical damage from equipment legs shearing off

Equipment legs can shear off, if the unit is pushed.

- Do not push the unit.
- Raise the unit before moving it.

ATTENTION
Instability if the equipment legs are screwed out too far

Stability no longer assured

The unit may tip over

- Observe the adjustment area of the equipment legs.

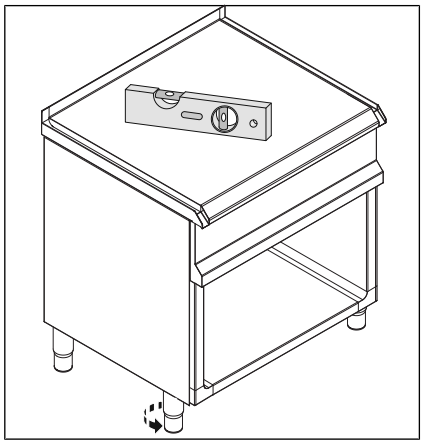


Image: Aligning a floor-standing unit

1. Place a spirit level on the unit.
2. Relieve the load on the equipment legs with appropriate lifting gear.
3. Align the unit horizontally by screwing the equipment legs in or out.
4. Filling out the commissioning report.

6.2 Aligning the unit on the base

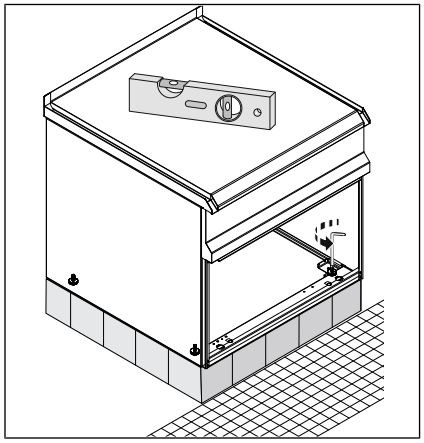


Image: Aligning the unit on the base

Prerequisite Hygiene insert removed

1. Place a spirit level on the unit.
2. Relieve the load on the equipment legs with appropriate lifting gear.
3. Using an Allen key, align the unit horizontally from the inside by screwing the equipment legs in or out.
4. Filling out the commissioning report.

6.3 Aligning the unit on the rollers

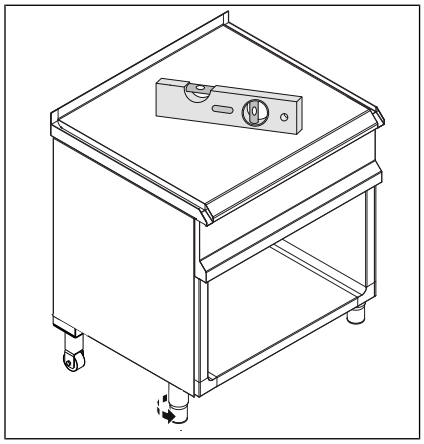


Image: Unit on rollers

1. Place a spirit level on the unit.
2. Relieve the load on the front equipment legs with appropriate lifting gear.
3. Align the unit horizontally by screwing the equipment legs in or out.

   ↳ The height at the rear of the unit cannot be adjusted.
4. Filling out the commissioning report.

7 Connecting the unit

7.1 Connecting a floor-standing unit

When installing with other devices from the same manufacturer, use end and connection profiles

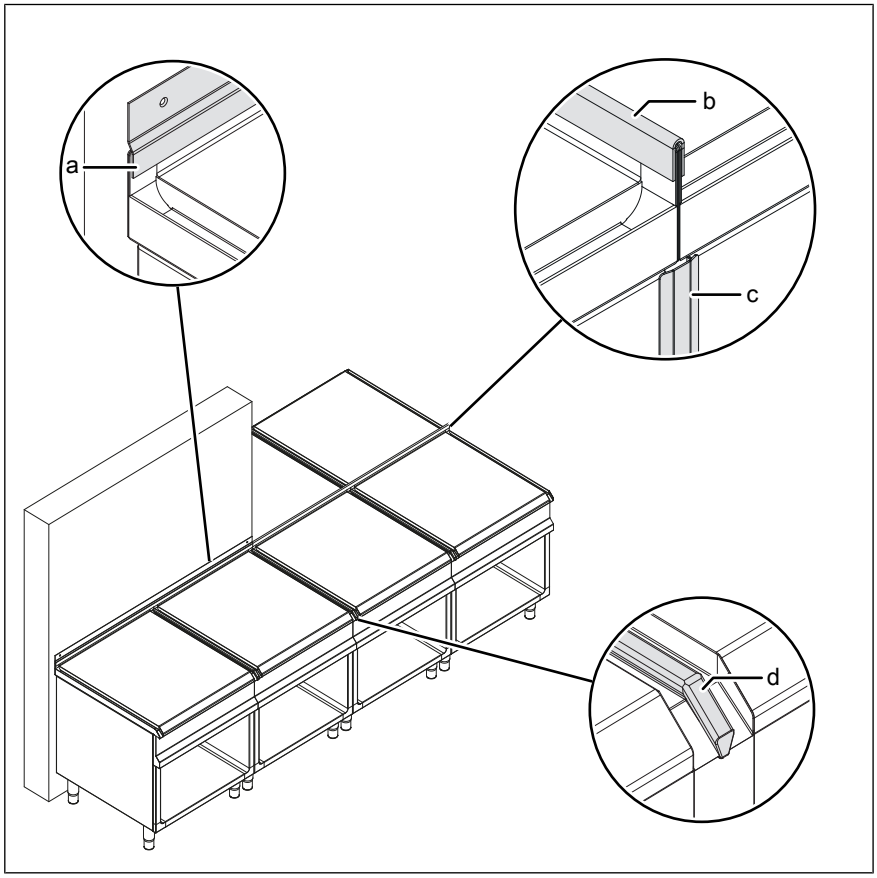


Image: Connecting a floor-standing unit

a Wall attachment profile
b Connecting profile
c Cover plate
d Connecting profile *

* not with tiltable frying pan with base xxEPKU...

7.2 Connecting the housing

The manufacturer recommends connecting the housings together.

The following units cannot be connected laterally:

Tiltable frying pan with base xxEPKU...

Tiltable frying pan with side arm R8EPKS...

Tilting boiling kettle R8EKEK...

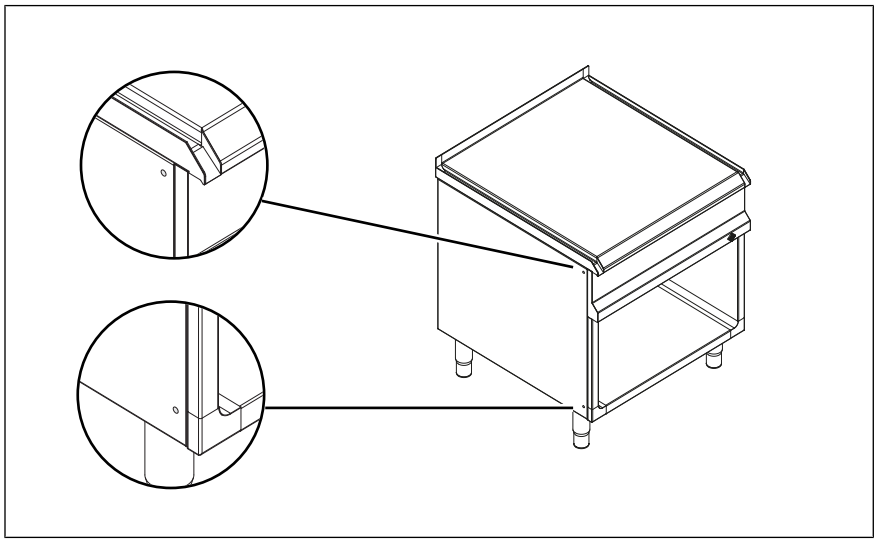


Image: Connect housing: cut-outs; here: Work table

1. For units with a hygiene compartment: remove the hygiene compartment (see "Opening and closing the housing").
2. Remove the control panel (see "Opening and closing the housing").
3. Knock out pre-lasered cut-outs from the side panel as required using a suitable knock-out tool.
4. Dispose of the cut-outs and sticker seal.
5. Place the devices next to each other and align them.
6. Screw the housing through the cut-outs using screws (M8), suitable washers and nuts.
7. Attach the control panel (see "Opening and closing the housing").
8. For units with a hygiene compartment: install the hygiene compartment (see "Opening and closing the housing").

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8 Connecting the unit

DANGER
Risk of personal injury and physical damage from electric shock

- Prior to working on the unit, ensure that the unit has been disconnected from the mains.
- Do not operate the unit with the housing open.

CAUTION
Risk of injury from sharp edges

- Wear protective gloves.

ATTENTION
Risk of physical damage from damage to the lines

- Remove and attach housing components carefully.

8.1 Attach membrane for supply line

The lugs of the membrane can collide with the rollers if the cables or hoses are fed into the unit from underneath.

- Cut the lugs of the membrane cleanly with scissors or a knife.

  ⇨ Ensure that the membrane is attached correctly.

The membrane for sealing the housing opening can be used flexibly.

It can be used for the installation of electrical cables and gas or water hoses.

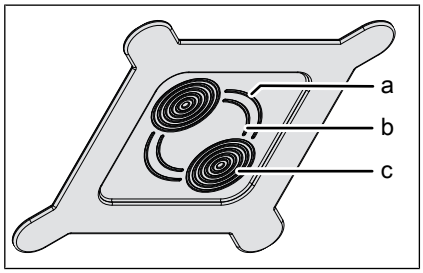


Image: Breakthrough for supply line (gas, water or electricity)

a Guide for opening (Ø 48 mm)
b Guide for opening (Ø 38 mm)
c Guide for opening (Ø 3, 8, 13, 18, 23, 28 mm)

1. Depending on the desired installation: Mark the centre for the opening.
2. Establish an opening in the membrane.
   ↳ Punch out the membrane with a hole punch
   ↳ Cut out the membrane along the guide ridges with a knife.
3. Break out the pre-punched housing opening at the corresponding position.
4. Push the membrane onto the housing opening.
   ↳ In doing so, ensure a firm, tight fit.
5. Depending on the desired installation: Pull the cable or hose through the membrane.

8.2 Establishing the power 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.

Professional qualification for electrical installation work

Electrical installation work on the electrical system and the unit may only be carried out by an electrician from the specialist company assigned to the work.

ATTENTION
Risk of physical damage from incorrect connection voltage

If a higher voltage supply is applied for a longer period of time, the electronics in the inverter may be damaged.

- Before connecting the unit, measure the supply voltage and compare it with the specifications on the nameplate.
  ⇨ A voltage difference of ± 10% of the nameplate value is permissible.

The unit must be connected on the basis of the information on the nameplate and 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 Impressum).

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Power connection cable

Minimum requirements for the unit's power connection cable to the electric mains:

Connection	Power connection cable
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 H05RN-F).
Connection of the unit with a plug.	
Permanent connection for fixed installation with a permanently laid cable and direct connection to the unit.	PVC sheathed cable for permanent ducting 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 permanent electrical connection, install an all-phase disconnect switch with at least 3 mm contact opening before the unit.

Install an all-phase disconnect switch if the unit will be connected permanently to the electric mains.

CAUTION
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 power-supply mains, use plugs and sockets according to IEC60309.

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

Insulation monitoring

If there is an unearthed network (IT network), the unit can be incorporated into the insulation monitoring.

Residual-current protective device

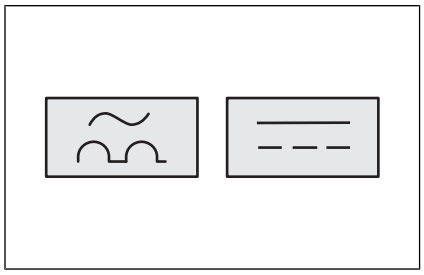


Image: RCD switch type B circuit symbol

The unit can be connected to a residual-current protective device.

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

Potential equalisation

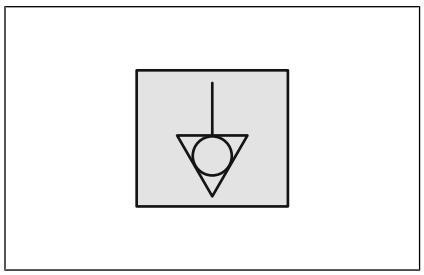


Image: Symbol for potential equalisation

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

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8.2.1 Description of the power connection

The power connection cable is routed to the connection terminals through an opening at the rear or on the underside of the unit

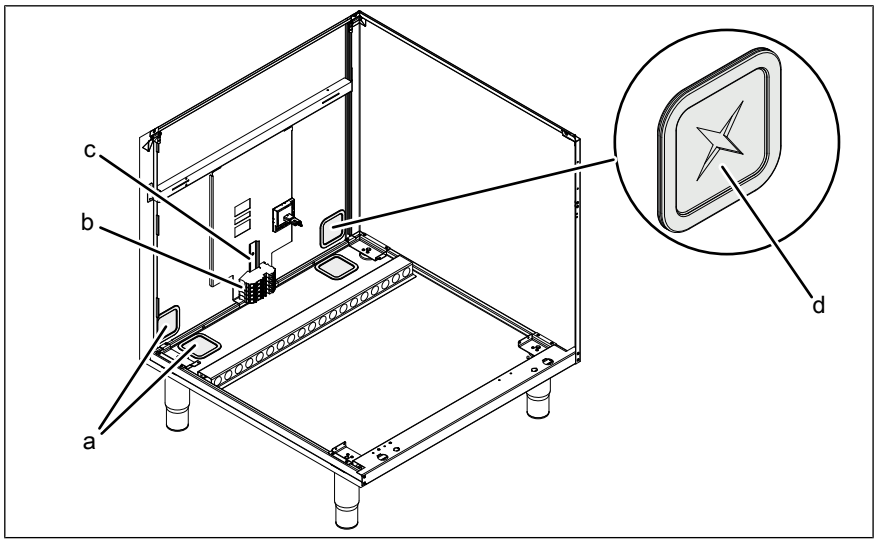


Image: Power connection

a Housing opening pre-punched
b Unit connection X1
c Power optimisation system X2
d Rubber membrane

8.2.2 Connecting the power connection cable

DANGER
Risk of personal injury and physical damage from electric shock

- Before working on the unit, ensure that the unit has been disconnected from the power supply.

DANGER
Risk of personal injury and physical damage from electric shock

- Before connecting, ensure that the power connection cable has been disconnected from the power supply.
- Ensure that the power connection cable is undamaged.

ATTENTION
Risk of physical damage from incorrect connection voltage

If a higher voltage supply is applied for a longer period of time, the electronics in the inverter may be damaged.

- Before connecting the unit, measure the supply voltage and compare it with the specifications on the nameplate.

  ⇨ A voltage difference of ± 10% of the nameplate value is permissible.

Prerequisite Unit is disconnected

Connection line dead

Hygiene compartment removed (see "Opening and closing the housing").

Membrane for supply line connected

The connection complies with the specifications (see "Unit and connection data")

1. Route the power connection cable through the membrane into the unit.
2. Connect the power connection cables in accordance with the wiring diagram.
3. Fix the connection line.
4. Install the hygiene compartment (see "Opening and closing the housing").
5. Filling out the commissioning report.

8.2.3 Connecting the potential equalisation

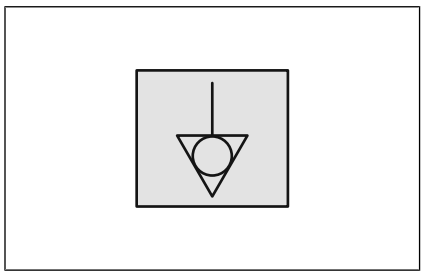


Image: Symbol for potential equalisation

Prerequisite Unit is disconnected

Hygiene compartment removed (see "Opening and closing the housing").

1. Route the potential equalisation line through the opening next to the entry of the electrical connection cable into the unit.
2. Feed and connect the potential equalisation line to the marked connection.
3. Install the hygiene compartment (see "Opening and closing the housing").
4. Filling out the commissioning report.

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8.2.4 Connect the power optimisation system (LOA)



DANGER
Risk of personal injury and physical damage from electric shock

- Before working on the unit, ensure that the unit has been disconnected from the power supply.



DANGER
Risk of personal injury and physical damage from electric shock

- Before connecting, ensure that the power connection cable has been disconnected from the power supply.
- Ensure that the power connection cable is undamaged.



The device can be connected to an energy optimization system designed in accordance with DIN 18875.

Prerequisite Unit is disconnected

Connection line dead

Hygiene compartment removed (see "Opening and closing the housing").

1. Pull the connection line through the opening next to the entry of the power connection cable into the unit.
2. Route the connection line to the connection terminals.
3. Connect connection line in accordance with the circuit diagram.
4. Fix the connection line.
5. Install the hygiene compartment (see "Opening and closing the housing").
6. Filling out the commissioning report.

9 Checking operation

DANGER
Risk of personal injury and physical damage from unsuccessful operational check

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

Requirement Power connection cable connected

Potential equalisation connected

Unit cleaned

9.1 Checking the control system (with display)

Prerequisite Power connection made

Housing closed

Heat zone without pot

1. Select heat zone (see Operating instructions).
2. Select "Full load" for the heat zone.
   ↳ The display shows output level and heating status.
   ↳ Induction function is in standby mode.
   ↳ Pot detection is active.
3. Fill a suitable pot with water (see Operating instructions).
4. Place pot in the centre of the heat zone.
   ↳ The display shows Heating up.
   ↳ Induction function is active.
   ↳ The pot starts to heat.
5. Switch off the output for the heat zone.
6. Repeat the process in the same way for further heat zones.
7. Switch off the unit (See Operating instructions).
8. Filling out the commissioning report.

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9.2 Checking the control system (with signal lamp)

Prerequisite Power connection made
Housing closed
Heat zone without pot

1. Switch on the unit (see Operating instructions).
   ↳ The signal lamp lights up blue.
2. Select "Full load" for the heat zone.
   ↳ The signal lamp briefly lights up white.
   ↳ Induction function is in standby mode.
   ↳ Pot detection is active.
3. Fill a suitable pot with water (see Operating instructions).
4. Place pot in the centre of the heat zone.
   ↳ The signal lamp lights up white.
   ↳ Induction function is active.
   ↳ The pot starts to heat.
5. Switch off the output for the heat zone.
6. Repeat the process in the same way for further heat zones.
7. Switch off the unit (See Operating instructions).
8. Filling out the commissioning report.

10 Putting the unit into service

Requirement Power connection made
Housing closed
Operation successfully tested

1. Instruct the operator.
2. Fill out the commissioning report.

10.1 Filling out the commissioning report

General	Yes	No
Enter the data on the nameplate. SN: _____ Type _____ Electrical connection _____ Designation _____ Item no.: _____ (if available)		
Obvious damage to the unit? What and where? _____	☐	☐
The scope of supply is complete?	☐	☐
Unit levelled?	☐	☐

Power connection		Yes	No
Power connection made properly?		☐	☐
☐ Equipotential bonding	☐ power optimisation system		
☐ Floating contact	☐ _____		
Electrical connections made properly?		☐	☐
Residual-current protective device connected immediately before this unit?		☐	☐
Residual-current protective device connected before this and other units?		☐	☐

Function check	Yes	No
Controls are functioning?	☐	☐

Final notes	Yes	No
Was the unit put into service?	☐	☐
Comments:		
Operator trained?	☐	☐

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Electrical installation was provided by:			
Company	Installer	City, date	Signature

The function check was performed by:			
Company	Installer	City, date	Signature

Operator training was provided by:			
Company	Installer	City, date	Signature


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