



Connecton points

On the appliance

- ⓑ Removable faceplate
 - Ⓧ Equipotential*
 - ⓔ Electrical terminals*
 - Ⓡ Network connection (RJ45 socket)***
 - Ⓢ USB interface
 - ⓕ Filling tap steam generator*
 - ⓉⓌ Connecting hose for hot drinking water*
 - ⓉⓌⓀ Connecting hose for cold drinking water*
 - Ⓢ1 Rear panel opening for electric lines Ø 60mm**
 - Ⓢ2 Rear panel for opening for cold drinking water Ø 60mm**
 - Ⓢ3 Rear panel opening for hot drinking water Ø 60mm**
- * accessible by removing panel ⓑ
 ** only for connection through the rear panel
 *** accessible by removing panel Ⓢ

On the customer side

- ⓉⓌⓀ Hot drinking water connection (outside thread G 3/4")
- ⓉⓌⓌ Cold drinking water connection (outside thread G 3/4")
- ⓐ Floor drainage system
- ⓔ Electrical terminals (see chart)
(free cable lengths 1.5m via OKFF)

Important information

- The connection can be done from below or from behind through the device rear panel.
- When connecting through the device rear panel, the cables and cable entries must be protected by installation ducts or appliance panels.
- Potential free contacts for on-site signals are available and connection to a performance optimization prepared.
- Required protection and control lines for the operation of performance optimization systems are **not** included in the delivery scope and must always be installed **on-site**.

To be provided by the customer

Load cables	1
Customer's signalling devices	3 x 1.5 mm ²
Energy optimisation system	5 x 1.5 mm ²
Network connection (for communication interface according to DIN SPEC 18898)	Twisted pair Ethernet cable (min. CAT5e) with RJ45 connector (100BASE-TX network port)

Safety ⚠

- The mains connection must at least be done with a connection line type NYM or H07RN-F.
- On-site, an all-pole effective separating device supplied with an at least 3 mm contact opening, e.g. fuse circuit breakers through which the device must be disconnected from the mains during repair and installation work.
- Connection option is available to an equipotential bonding system. Carry out connection according to VDE 0100, T 410 or local provisions.
- The option of connection through the rear panel is only for closed installation channels!
- The design of ventilation systems is only to be done by corresponding skilled technicians.
- Floor drainage systems must be executed in compliance with local regulations. The dimensions shown on the diagram above are only minimum recommendations.
- Do not install device near walls, kitchen cabinets, decorations or similar combustible material. The minimum distance to the back is 50 mm and to the side walls 200 mm!
- The minimum affected clearances are not required if the set-up is done between other devices and/or back to back.
- When connecting from the rear, the installation pipes may not project into the device. When connecting from below, the pipe length footprint must be 50 mm.

FER 250 (VAR 040)

Device dimensions W x D x H	1500 x 850 x 900 mm
Approval	
Test mark certification	CE
Protection against sprayed water	IPX5

Application-specific data

Dimensions of inner pan W x D x H	990 x 660 x 435 mm
Nominal capacity	250 l
Usable capacity up to 4 cm from top	253 l
Containers GN 1/1-200	6
Initial cooking time DIN 18855	45 min

Connection data

Electric:	Circuit 1 (simmering level)	12.5 kW
	Circuit 2 (additional initial cooking)	18.0 kW
	Ratet power total	30.6 kW
	Connection	400 V 3N AC 50 / 60 Hz
	Fuse protection	50 A
	Connection terminals	16 mm ²
Water:	Connecting hose for cold drinking water	Internal thread G 3/4" (DN 20)
	Connecting hose for hot drinking water	

Supplementary technical data

Volume of pressure chamber	49 l	
Capacity of the steam generator	21.4 l	
Device weight incl. packaging	225 kg	
Heat loss (VDI 2052)	total	7.19 kW
	sensitive	1.07 kW
	latent	6.10 kW
	Steam release	8.97 kg/h

Options (VAR) at extra charge

- 320 Volume-regulated water intake device (without cold and hot water valves)
- 808 Core temperature probe

Observe possible modifications to the appliance data as a result of options.