



**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 500

Device dimensions W x D x H	2400 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	1955 x 660 x 435 mm
Nominal capacity	500 l
Usable capacity up to 4 cm from top	500 l
Containers GN 1/1-200	14
Initial cooking time DIN 18855	55 min

Connection data

Electric:	Circuit 1 (simmering level)	24 kW
	Circuit 2 (additional initial cooking)	30 kW
	Rated power total	54.6 kW
	Connection	400 V 3N AC 50/60 Hz
	Fuse protection	100 A
Connection terminals		35/50 mm ²
Water:	Connecting hose for cold drinking water	Internal thread G 3/4"
	Connecting hose for hot drinking water	

Supplementary technical data

Volume of pressure chamber	85 l	
Capacity of the steam generator	36 l	
Device weight incl. packaging	425 kg	
Heat loss (VDI 2052)	total	12.69 kW
	sensitive	1.89 kW
	latent	10.8 kW
	Steam release	15.88 kg/h

Options (VAR) at extra charge

- 320 Volume-regulated water intake device (without cold and hot water valves)
 - 808 Core temperature probe
 - 040 Integrated lifting/lowering mechanism
- Observe possible modifications to the appliance data as a result of options.