



**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 <sup>2</sup>
Energy optimisation system	5 x 1.5 mm <sup>2</sup>
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 300**

Device dimensions W x D x H	1600 x 850 x 900 mm
Approbation	
Test mark certification	<b>CE</b>
Protection against sprayed water	IPX5

**Application-specific data**

Dimensions of inner pan W x D x H	1150 x 660 x 435 mm
Nominal capacity	300 l
Usable capacity up to 4 cm from top	294 l
Containers GN 1/1-200	8
Initial cooking time DIN 18855	43 min

**Connection data**

Electric:	Circuit 1 (simmering level)	18.5 kW
	Circuit 2 (additional initial cooking)	18.0 kW
	Rated power total	36.6 kW
	Connection	400 V 3N AC 50 / 60 Hz
	Fuse protection	63 A
Water:	Connection terminals	35 mm <sup>2</sup>
	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	56 l	
Capacity of the steam generator	26.1 l	
Device weight incl. packaging	260 kg	
Heat loss (VDI 2052)	total	8.58 kW
	sensitive	1.28 kW
	latent	7.30 kW
	Steam release	10.73 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.