Convotherm maxx pro easyDial Combi Steamer

CXEBD20.20 ELECTRIC BOILER 40 x 1/1GN or 20 x 2/1 GN

- Boiler system
- Natural Smart Climate™ (ACS+) cooking methods: Steam, Combi-steam, Convection
- Natural Smart Climate™ extra functions:
  - Crisp&Tasty - 5 moisture-removal settings
  - BakePro – 5 levels of traditional baking
  - HumidityPro - 5 humidity settings
  - Controllable fan – 5 speed settings
- easyDial: all functions are set on one operating level
- ConvoClean fully automatic cleaning system
- HygieniCare
- USB port integrated in the control panel
- TriColor indicator ring - indicates the current operating status
- Steam generated by high-performance boiler outside the cooking chamber
- Double glazed appliance door
- Right-hinged appliance door



Standard Features

- Cooking methods:
  - Steam (30-130°C) with guaranteed steam saturation
  - Combi-steam (30-250 °C) with automatic moisture control
  - Convection (30-250 °C) with optimised heat transfer
- Operation of easyDial user interface:
  - Central control unit, Convotherm-Dial (C-Dial)
  - Digital display
- Climate Management
  - Natural Smart Climate™ (ACS+), HumidityPro, Crisp&Tasty
- Quality Management
  - Airflow Management, BakePro, Multi-point core temperature probe
- Production Management
  - 99 cooking profiles each containing up to 9 steps
  - HACCP data storage
  - USB port
  - Regenerating function - regenerates products to their peak level
  - Preheat and cool down function
- Cleaning Management:
  - ConvoClean: Fully automatic cleaning system, with optional single-dose dispensing
- HygieniCare: safety by antibacterial surfaces
  - Hygienic Handles
- Door handle with sure-shut function
- Adjustable appliance feet, from 100 mm to 125 mm
- Integrated recoil hand shower
- Device status ground LED
  - Green = cooking and flashing "end of cooking"
  - Yellow = pre-heat and open door
  - Red = error
- Wheel-in rails with optimal shape and colour coding
- Integrated preheat bridge

Options

- Steam and vapour removal (built-in condensation hood)
- Sous-vide sensor, with external socket
- Core temperature sensor, with external socket
- Ethernet / LAN interface
- Marine model
- Available in various voltages

Accessories

- ConvoVent 4 condensation hood with grease filter
- ConvoVent 4+ condensation hood with grease and odour filter
- Banquet system package: plate rack, mobile shelf rack, transport trolley, thermal cover (individual items are available)
- Care products for ConvoClean fully automatic cleaning system (multiple and single-dose dispensing)
- 3rd front foot: stability and height compensation
- Signal Tower – external operating state indicator

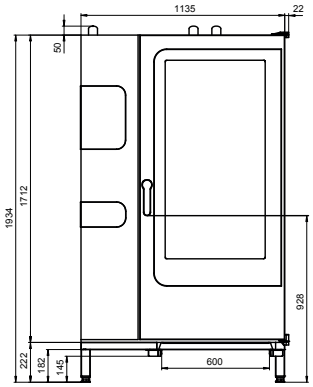
CONVOTHERM

CONVOTHERM maxx pro

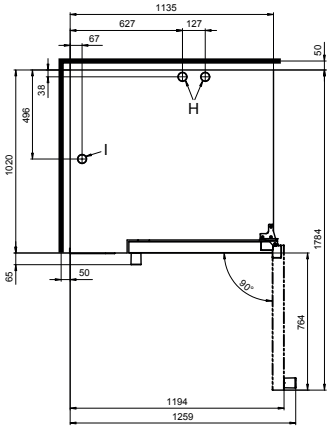
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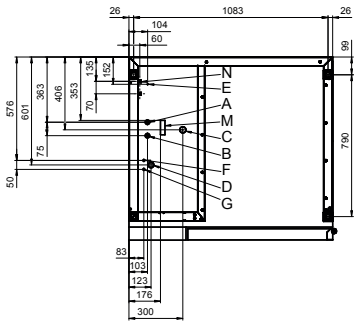
Front view



View from above with wall clearances



Connection positions in appliance floor



A Water connection (for water injection)
B Water connection (for cleaning, recoil hand shower)
C Drain connection DN 50
D Electrical connection
E Equipotential bonding
F Rinse aid connection
G Cleaning agent connection
H Air vent Ø 50 mm
I Dry air intake Ø 50 mm
M Safety overflow 80 mm x 25 mm

DIMENSIONS

Width	1157 mm
Depth	1020 mm
Height	1934mm
Weight	349 kg

PACKED DIMENSIONS

Width	1410 mm
Depth	1170 mm
Height	2150 mm
Weight (including cleaning system)	397 kg
Safety clearances*	
Rear	50 mm
Right	50 mm
Left (larger recommended for servicing)	50 mm
Top (for ventilation)	500 mm

*Heat sources must lie at a minimum distance of 500 mm from the appliance.

INSTALLATION REQUIREMENTS

For precise installation instructions please refer to the units installation manual

LOADING CAPACITY

Max. number of food containers	
Shelf distance	68mm
GN 1/1 (with standard loading trolley)	40
GN 2/1 (with standard loading trolley)	20
Max. loading weight GN 1/1 / 600 x 400	
Per combi steamer	180 kg
Per shelf	15 kg

ELECTRICAL SUPPLY

3N~ 400V 50/60Hz (3P+N+E)	
Rated power consumption	67.3 kW
Rated current	97.3 A
Fuse	100 A
RCD (GFCI), frequency converter (singlephase)	Type A (recommended), type B/F (optional)

Special voltage options available on request.
Connection to an energy optimisation system as standard.

WATER CONNECTION

Water supply	
2 x G 3/4" permanent connection, optionally including connecting pipe (min. DN13 / 1/2")	
Flow pressure	150 - 600 kPa (1.5 - 6 bar)
Appliance drain	
Drain version	Permanent connection (recommended) or funnel waste trap
Type	DN50 (min. internal Ø: 46 mm)
Slope for waste-water pipe	min. 3.5% (2°)

WATER QUALITY

Drinking water	
Total hardness	
Cleaning, recoil hand shower, boiler	4-20 °dh / 70-360 ppm / 7-35 °TH / 5-25 °e
Properties	
pH	6.5 - 8.5
Cl- (chloride)	max. 60 mg/l
Cl_2 (free chlorine)	max. 0.2 mg/l
SO_4^{2-} (sulphate)	max. 150 mg/l
Fe (iron)	max. 0.1 mg/l
SiO_2 (silicate)	max. 13 mg/l
NH_2Cl (monochloramine)	max. 0.2 mg/l
Temperature	max. 40°C
Electrical conductivity	min. 20 µS/cm

EMISSIONS

Heat output	
Latent heat	11000 kJ/h / 3.06 kW
Sensible heat	14100 kJ/h / 3.92 kW
Waste water temperature	max. 80 °C
Noise during operation	max. 70 dBA

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24:7 Service Support