

# Convotherm 4 easyTouch Combi Steamer

## C4GBT20.10C GAS BOILER 20 x 1/1GN

- Boiler system
- ACS+ (Advanced Closed System +) operating modes: Steam, Combi-steam, Convection
- ACS+ Extra Functions:
  - Crisp&Tasty - 5 moisture-removal settings
  - BakePro – 5 levels of traditional baking
  - HumidityPro - 5 humidity settings
  - Controllable fan – 5 speed settings
- easyTouch 9" full-touch screen
- ConvoClean+ fully automated cleaning system with eco, express and regular modes, including optional single-measure dispensing
- Ethernet / LAN interface
- HygienicCare
- USB port integrated in the control panel
- Steam generated by high performance boiler outside the cooking chamber
- Right-hinged appliance door



### Standard Features

- ACS+ operating modes:
  - Steam (30-130°C) with guaranteed steam saturation
  - Combi-steam (30-250°C) with automatic humidity adjustment
  - Convection (30-250°C) with optimised heat transfer
- HygienicCare: safety through antibacterial surfaces
  - easyTouch control panel
  - Door handle and recoil hand shower
- easyTouch user interface:
  - Full 9" full-touch screen
  - Press&Go - automatic cooking using quick-select buttons
  - TrayTimer - load management for different products at the same time
  - Regenerate+ - flexible multi-mode regenerating function
  - ecoCooking - energy-save function
  - Low-temperature cooking / Delta-T cooking
  - Cook&Hold - cooking and holding in one process
  - 399 cooking profiles containing up to 20 steps
  - On-screen Help with topic-based video function
  - Starting time preselect
- Multi-point core temperature sensor

- Door handle with safety latch
- Built-in preheat bridge
- RS232 and RS485 interface
- Data storage for HACCP figures
- Preheat and Cool down function

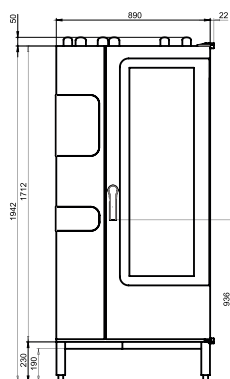
### Options

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

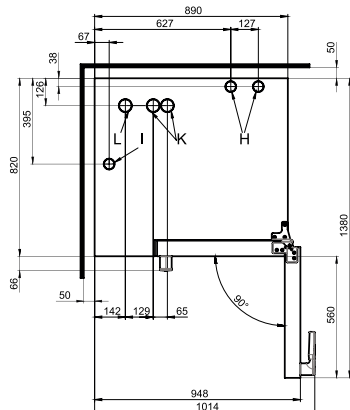
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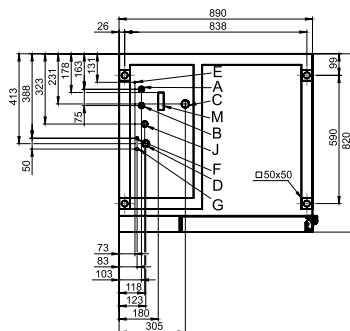
Front view



View from above with wall clearances



Connection positions in appliance floor



- A Water connection (for boiler)
- 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 Airvent Ø 50mm
- I Ventilation port Ø 50 mm
- J Gas supply
- K Exhaust outlet (cooking-chamber heating element)
- M Safety overflow 80 mm x 25 mm

### DIMENSIONS

|        |         |
|--------|---------|
| Width  | 890 mm  |
| Depth  | 820 mm  |
| Height | 1942 mm |
| Weight | 302 kg  |

### PACKED DIMENSIONS

|                                    |         |
|------------------------------------|---------|
| Width                              | 1165 mm |
| Depth                              | 970 mm  |
| Height                             | 2150 mm |
| Weight (including cleaning system) | 342kg   |

### Safety clearances\*

|   |         |
|---|---------|
| Rear                                    | 50 mm   |
| Right                                   | 50 mm   |
| Left (larger recommended for servicing) | 50 mm   |
| Top (for ventilation)                   | 1000 mm |

\*Heat sources must lie at a minimum distance of 50 cm from the appliance.

### INSTALLATION REQUIREMENTS

For precise installation instructions please refer to the units installation manual

### LOADING CAPACITY

|   |        |
|---|--------|
| Max. number of food containers                            | 68mm   |
| Shelf distance  | 20     |
| GN 1/1 (with standard loading trolley)                    | 17     |
| 600 x 400 baking sheet (with appropriate loading trolley) |        |
| Max. loading weight GN 1/1 / 600 x 400                    |        |
| Per combi steamer   | 100 kg |
| Per shelf   | 15 kg  |

### ELECTRICAL SUPPLY

|   |   |
|---|---|
| 230-240VAC, 50/60Hz, 1P+N+E                   |   |
| Rated power consumption                       | 0.5 kW                                    |
| Rated current                                 | 4.7 A                                     |
| Fuse  | 16 A                                      |
| RCD (GFCI), frequency converter (singlephase) | Type A (recommended), type B/F (optional) |

3 Pin plug (10 Amp)

Cordset fitted

### GAS SUPPLY

|                                   |                  |
|-----------------------------------|------------------|
| Gas Connection for natural or LPG | R3/4             |
| Installation conditions           | customer premise |
| Nominal gas consumption           | 162 MJ/hr        |
| Convection power output           | 162 MJ/hr        |
| Steam generator power output      | 122 MJ/hr        |

### 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 | Permanent connection (recommended) or funnel waste trap                                  |
| Drain version   | DN50 (min. internal Ø: 46 mm)  |
| Type            | Slope for waste-water pipe min. 5% (3°)  |

### WATER QUALITY

|  |  |
|--|--|
| Drinking water                           |  |
| Total hardness                           | 4-20 °dh / 70-360 ppm / 7-35 °TH / 5-25 °e |
| Cleaning, recoil hand shower, boiler     |  |
| Properties                               |  |
| pH                                       | 6.5 - 8.5                                  |
| Cl <sup>-</sup> (chloride)               | max. 60 mg/l                               |
| Cl <sub>2</sub> (free chlorine)          | max. 0.2 mg/l                              |
| SO <sub>4</sub> <sup>2-</sup> (sulphate) | max. 150 mg/l                              |
| Fe (iron)                                | max. 0.1 mg/l                              |
| Temperature                              | max. 40°C                                  |
| Electrical conductivity                  | min. 20 µS/cm                              |

### EMISSIONS

|                         |                     |
|-------------------------|---------------------|
| Heat output             |                     |
| Latent heat             | 7100 kJ/h / 1.97 kW |
| Sensible heat           | 8200 kJ/h / 2.28 kW |
| Waste water temperature | max. 80 °C          |
| Noise during operation  | max. 70 dBA         |



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