

# Convotherm 4 Deluxe easyTouch Combi Steamer

## **C4DGST12.20D** GAS DIRECT STEAM 24 x 1/1 GN or 12 x 2/1 GN

- Direct steam 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
- easyTouch 10" TFT HiRes glass touch display (capacitive)
- ConvoClean+ fully automatic cleaning system with eco, regular and express modes, including optional single-dose dispensing
- HygieniCare
- WiFi and Ethernet interface (LAN)
- USB port integrated in the control panel
- Steam generated by injecting water into the oven chamber
- Triple glass appliance door
- Right-hinged appliance door
- Disappearing 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 easyTouch user interface:
  - 10" TFT HiRes glass touch display (capacitive)
  - Smooth-action, quick reacting scrolling function
- Climate Management
  - Natural Smart Climate™ (ACS+), HumidityPro, Crisp&Tasty
- Quality Management
  - Airflow Management, BakePro, Multi-point core temperature probe
  - Preheat and cool down function
- Production Management
  - Automatic cooking with Press&Go with up to 399 cooking profiles
  - Integrated cookbook with 7 different categories
  - TrayTimer – load management for different products at the same time (manual mode)
  - TrayView – load management for automatic cooking of different products using Press&Go
  - Favourites management
  - HACCP data storage
  - USB port
  - ecoCooking – energy-save function
  - LT cooking (low temperature cooking) / Delta-T cooking
  - Cook&Hold – cook and hold in one process
  - Autostart
  - Regenerate+ - flexible multi-mode rethermalisation function with preselect

- Cleaning Management:
  - ConvoClean+ - fully automatic cleaning system
  - Quick access to individually created and saved cleaning profiles
  - Cleaning scheduler
  - FilterCare interface
- HygieniCare: safety by antibacterial surfaces
  - Hygienic Steam Function
  - Hygienic Handles
  - SteamDisinfect
- Door handle with sure-shut function
- Adjustable appliance feet, from 100 mm to 125 mm
- Integrated recoil hand shower

### Options

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

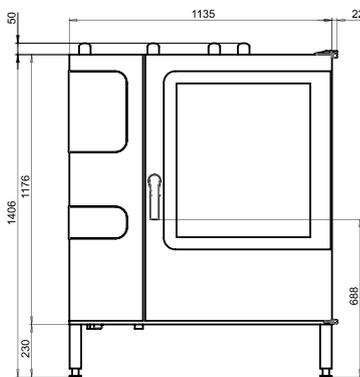
### Accessories

- ConvoLink – HACCP and cooking profile management PC software
- 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)

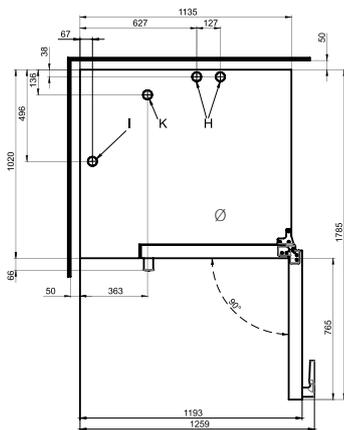
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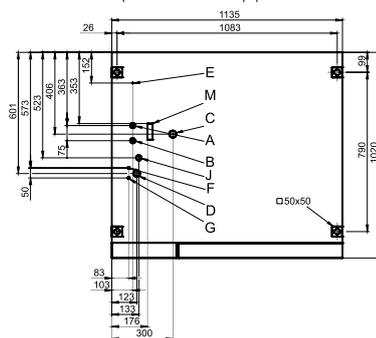
Front view



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
- J Gas supply
- K Exhaust outlet Ø 60.3 mm
- M Safety overflow 80 mm x 25 mm RJ45 Ethernet port

### DIMENSIONS

Width	1247 mm
Depth	1020 mm
Height	1406 mm
Weight	288 kg

### PACKED DIMENSIONS

Width	1410 mm
Depth	1170 mm
Height	1615 mm
Weight (including cleaning system)	333 kg

### 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 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)	24
GN 2/1 (with standard loading trolley)	12

#### Max. loading weight GN 1/1 / 600 x 400

Per combi steamer	120 kg
Per shelf	15 kg

### ELECTRICAL SUPPLY

#### 1N~ 230-240V 50/60Hz (1P+N+E)

Rated power consumption	0.6 kW
Rated current	2.3 A
Fuse	16 A
RCD (GFCI), frequency converter	Type A (single phase) (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	115 MJ/hr
Convection power output	115 MJ/hr
Steam generator output	122 MJ/hr

### Supply flow pressure

Natural gas	1.13 kPa – 3 kPa
LPG	2.75 kPa – 4 kPa

### 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

(install water treatment system if necessary)  
Treated tap water for water injection  
Untreated tap water for cleaning, recoil hand shower

#### Total hardness

Injection (soft water) 4-7 °dh / 70-125 ppm / 7-13 °TH / 5-9 °e

Cleaning, recoil hand shower (hard water) 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 <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 8200 kJ/h / 2.28 kW

Sensible heat 11000 kJ/h / 3.06 kW

Waste water temperature max. 80 °C

Noise during operation max. 70 dBA

