



PRODUCT DOCUMENT PACK

Prepared and distributed by KW Commercial Kitchen

PRODUCT

Convotherm CXEBD10.20 - 22 Tray Electric Combi-Steamer Oven - Boiler System

Model / SKU: CXEBD10.20

KW COMMERCIAL KITCHEN

7/72 Canterbury Road, Bankstown NSW 2200

Phone 1300 001 366

Email sales@kwcommercial.com.au

Web www.kwcommercial.com.au



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Official supplier source: https://moffat.global.ssl.fastly.net/sites/default/files/products/specification/maxxpro_CXEBD10.20_an.pdf

Convotherm maxx pro easyDial Combi Steamer

CXEBD10.20 ELECTRIC BOILER 22 x 1/1 GN or 11 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
- LED lighting in oven cavity
- Triple glass 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 safety latch and 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
- Ethernet / LAN interface
- Marine model
- Available in various voltages

Accessories

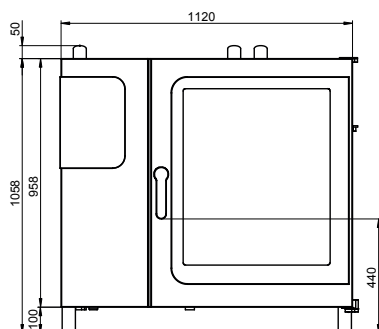
- Stainless steel stand
- Stacking kit
- ConvoLink – HACCP and cooking profile management PC software
- ConvoVent 4 condensation hood with grease filter
- ConvoVent 4+ condensation hood with grease and odour filter
- Banquet system package: plate rack, mobile shelf rack, transport trolley, thermal cover (individual items are available)
- Care products for ConvoClean fully automatic cleaning system (multiple and single-dose dispensing)



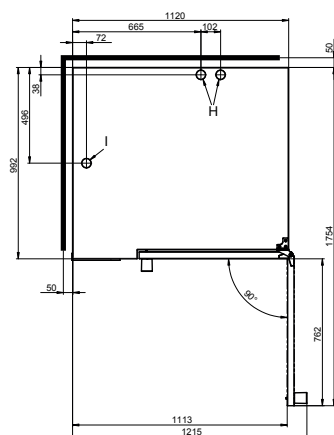
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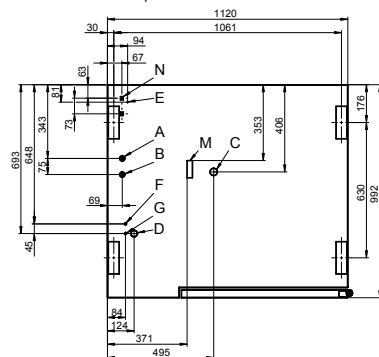
Front view



View from above with wall clearances



Connection points



- 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 Air vent Ø 50 mm
- I Dry air intake Ø 50 mm
- M Safety overflow 80 x 25 mm
- N RJ45 Ethernet port

DIMENSIONS

Width	1120 mm
Depth	992 mm
Height	1058 mm
Weight	204 kg

PACKED DIMENSIONS

Width	1345 mm
Depth	1140 mm
Height	1300 mm
Weight (including cleaning system)	242 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	68 mm
GN 1/1 (with standard rack)	22
GN 2/1 (with standard rack)	11
600 x 400 baking sheet (with appropriate rack)	16

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

Per combi steamer	100 kg
Per shelf	15 kg

ELECTRICAL SUPPLY

3N~ 400V 50/60Hz (3P+N+E)

Rated power consumption	33.7 kW
Rated current	48.7 A
Fuse	50 A
RCD (GFCI), frequency converter	Type A
(singlephase) (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 DN50 (min. internal Ø: 46 mm)

Type Slope for waste-water pipe min. 3.5% (2°)

WATER QUALITY

Drinking water

Total hardness

Cleaning, recoil shower 4-20 °dh / 70 - 360 ppm /

Shower, boiler 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
Temperature	max. 40 °C
Electrical conductivity	min. 20 µS/cm

EMISSIONS

Heat output

Latent heat 4700 kJ/h / 1.31 kW

Sensible heat 5100 kJ/h / 1.42 kW

Waste water temperature max. 80 °C

Noise during operation max. 70 dBA

STACKING KIT

Permitted combinations (Electric on electric appliance)

6.20 on 10.20



moffat.com.au

moffat.co.nz

Australia

moffat.com.au

Moffat Pty Limited

Victoria/Tasmania

740 Springvale Road

Mulgrave, Victoria 3170

Telephone +61 3-9518 3888

Facsimile +61 3-9518 3833

vsales@moffat.com.au

New South Wales

Telephone +61 2-8833 4111

nswsales@moffat.com.au

South Australia

Telephone +61 3-9518 3888

vsales@moffat.com.au

Queensland /

Northern Territory

Telephone +61 7-3630 8600

qldsales@moffat.com.au

Western Australia

Telephone +61 8-9413 2400

wasales@moffat.com.au

New Zealand

moffat.co.nz

Moffat Limited

Rolleston

45 Illinois Drive

Izone Business Hub

Rolleston 7675

Telephone +64 3-983 6600

Facsimile +64 3-983 6660

sales@moffat.co.nz

Auckland

Telephone +64 9-574 3150

sales@moffat.co.nz

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