

# Specification

## CombiMaster® Plus 102 E (10 x 2/1 - 20 x 1/1 GN)

Reference number:



### Description

- Hot-air steamer (combi-steamer mode) conforming to DIN 18866 for most of the cooking methods used in commercial kitchens for the optional use of steam and hot-air, individually, in succession or in combination.

### Working safety

- HACCP data output and software update via integral USB port
- Safety temperature limiter for steam generator and hot-air heating
- VDE approved for unsupervised operation
- Maximum rack height 5 ¼ ft. (1.60 m) when original stand used
- Integral fan impeller brake
- Door handle with right/left and slam function

### Operation

- Mode selector control for cooking modes, separate controls for temperature, core temperature and time settings
- LED illuminated display, visible from a distance
- Clear control panel with pictograms for operation

### Cleaning, care and operational safety

- Manual cleaning program
- Diagnostic system with automatic service notices displayed
- Menu-guided user descaling program

### Features

- USB Interface
- Probe for core temperature measurement
- Individual programming of 50 cooking programs each with up to 6 steps
- 5 fan air speeds, programmable
- Integral, maintenance-free grease extraction system with no additional grease filter
- Cool-down function for fast cabinet fan cooling
- High-performance fresh steam generator
- Automatic, active rinsing and drainage of steam generator by pump
- Automatic adaptation to the installation location (height, climate, etc.)
- Unit door with rear-ventilated double-glass panel and hinged inner panel
- Seamless hygienic cooking cabinet with rounded corners, cabinet with splash guard - stops water from spilling out
- Removable, swivelling grid shelves (distance between rails 68 mm)
- Material inside and out DIN 1.4301 stainless steel
- Hand shower with automatic retracting system
- Separate solenoid valves for normal and softened water
- Fixed waste water connection conforming to SVGW requirements where permitted
- Splash and hose-proof to IPX 5
- Demand-related energy supply
- Lengthwise loading for 2/1, 1/1 GN accessories
- Temperature unit is selectable in °C or °F
- Height-adjustable feet
- Dynamic air mixing

### ClimaPlus



Climate management - humidity measurement, 5-stage setting and regulation

### Combi-Steamer mode



Steam between 30 °C and 130 °C



Hot-air from 30 °C-300 °C



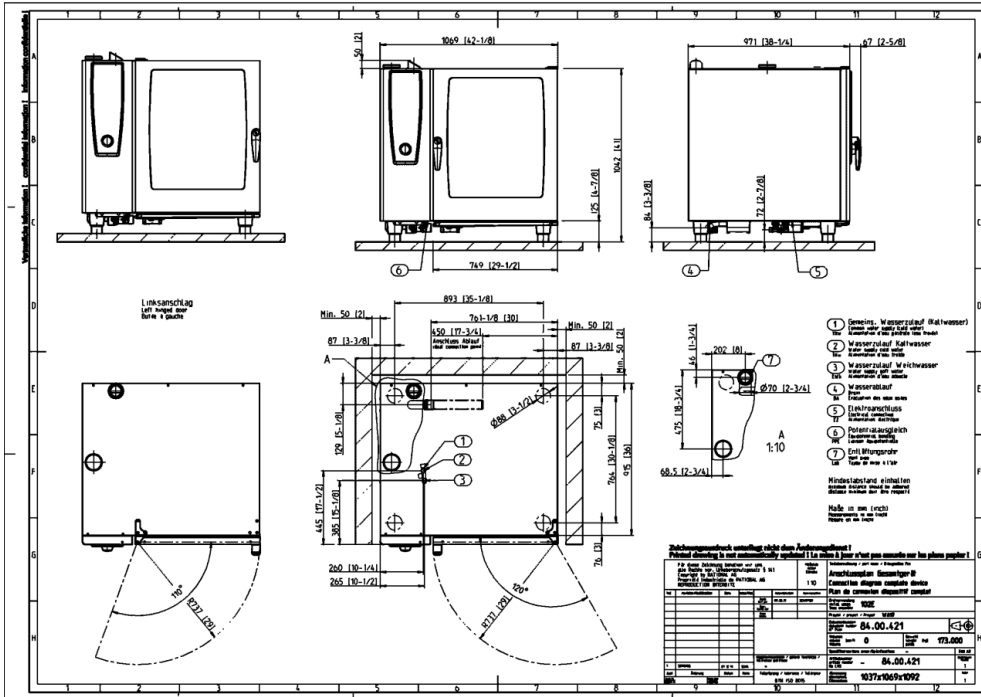
Combination of steam and hot-air  
30 °C-300 °C

### Approval



Planner:

## CombiMaster® Plus 102 E (10 x 2/1 - 20 x 1/1 GN)



1. Common water supply (cold water) "Single" water connection as shipped
2. Water supply cold water / condensate "Split" water connection
3. Water supply cold / Treated "Split" water connection
4. Water drain
5. Electrical connection wire entrance
6. Chassis Ground connection
7. Steam Vent pipe DN 2 3/4" (70 mm)
8. minimum distance 2" (50 mm)
9. Measurements in mm (inch)

### Technical Info

<b>Lengthwise loading for:</b>	2/1, 1/1 GN
<b>Capacity (GN-container/grids):</b>	10 x 2/1 GN / 20 x 1/1 GN
<b>Number of meals per day:</b>	150-300
<b>Width:</b>	42 inch (1.069 mm)
<b>Depth:</b>	38 1/4 inch (971 mm)
<b>Height:</b>	41 inch (1.042 mm)

<b>Water connection (pressure hose):</b>	3/4" / d 1/2"
<b>Water pressure (flow pressure):</b>	150-600 kPa / 0,15-0,6 Mpa / 1,5 - 6 bar
<b>Water drain:</b>	DN 50 mm
<b>Connected load:</b>	36,7 kW
<b>"Steam" connection:</b>	36 kW

<b>Weight (net):</b>	365 lbs (166 kg)
<b>Weight (gross):</b>	409 lbs (186 kg)

Mains connection	Breaker Size / (amp draw)	Cable crossction
3 NAC 400V 50/60Hz	3 x 63 A	5 x 10 mm <sup>2</sup>
Other voltage on request		

### Installation

- The left-hand gap must be a minimum of 350 mm if heat sources are acting on the left side of the unit
- Installations must comply with all local electrical, plumbing and ventilation codes

### Options

- Marine version
- Security version/prison version
- Left hinged door
- Sous-Vide core temperature probe
- Interface Ethernet
- Safety door lock
- Externally attached core temperature probe
- Mobile oven rack
- Hand shower with automatic retracting system
- Lockable control panel
- Connection to energy optimising systems "Sicotronic" + Potential free contact for operation indication included
- Special voltages
- external signal unit connection

### Accessories

- GN Containers, Trays, Grids
- Stands / Cabinets
- Thermocover
- Transport Trolley
- Exhaust hood
- UltraVent® Plus condensation hood with special filter technology
- UltraVent® condensation hood
- Combi-Duo kits for 2 units stacked
- KitchenManagement System
- Heat shield for left hand side panel
- Superspike (poultry grids), CombiGrill®
- Special Cleaner and Grill Cleaner
- Grease drip container
- Mobile plate rack
- Catering kit