

# Specification

## CombiMaster® Plus CMP marine version 61 E (6 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

- Cleaning and rinse aid tabs (solids) for maximum operational 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
- Approved by Germanische Lloyd and USPHS

### 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

### Cleaning, care and operational safety

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

### Features

- USB port
- Probe for core temperature measurement
- Individual programming of 100 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.)
- Seamless hygienic cooking cabinet with rounded corners, cabinet with splash guard - stops water from spilling out
- Removable, swivelling grid shelves (distance between rails 2 5/8" / 68 mm)
- Material inside and out 304 (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 12"x20" or 1/1, 1/2, 2/3, 1/3, 2/8 GN accessories
- Temperature unit is selectable in °C or °F
- Dynamic air mixing
- Adjustable door immobiliser for fixing the cooking cabinet door, even during rough sea crossings
- Stainless steel feet on units
- Special grid shelves with locks prevent the Gastronorm accessories from slipping out

### 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/Labels



Planner/Designer:



# Specification/Data sheet

Thu Aug 23 07:45:35 CEST 2018

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### Technical Info

<b>Lengthwise loading for:</b>	1/1, 1/2, 2/3, 1/3, 2/8 GN	<b>Weight (gross):</b>	121 kg	<b>"Steam" connection:</b>	9 kW	
<b>Capacity (GN-container/grids):</b>	6 x 1/1 GN	<b>Water connection (pressure hose):</b>	3/4" / d 1/2"	<b>"Hot-air" connection:</b>	10,3 kW	
<b>Number of meals per day:</b>	30-80	<b>Water pressure (flow pressure):</b>	150-600 kPa / 0,15-0,6 Mpa / 1,5 - 6 bar	<b>Mains connection</b>	<b>Breaker Size / (amp draw)</b>	<b>Cable crossection</b>
<b>Height:</b>	892 mm	<b>Water drain:</b>	DN 50 mm	3 NAC 400V	3x16 A	5 x 2,5 mm <sup>2</sup>
<b>Weight (net):</b>	103 kg	<b>Connected load electric :</b>	11 kW	50/60Hz	Other voltage on request!	

### Installation

- Attention: Copper wiring only!
- Recommended left hand clearance for service and maintenance 20" / 500 mm. It must be a minimum of 14" / 350 mm if heat sources are affecting the left side of the unit
- Installations must comply with all local electrical, plumbing and ventilation codes

### Options

- Security version/prison version
- Sous-Vide core temperature probe
- Interface Ethernet
- Safety door lock
- Externally attached core temperature probe
- Lockable control panel
- Connection to energy optimising systems + Potential free contact for operation indication included
- Special voltages
- Control panel protection

### Accessories

- Wall Bracket for securing
- GN Containers, Trays, Grids
- Stands / Cabinets
- Thermocover
- Transport Trolley
- Exhaust hood
- UltraVent® Plus condensation hood with special filter technology
- UltraVent® condensation hood
- Hinging rack for bakers or butchers
- Mobile oven rack and hinging rack for bakers
- Mobile oven rack for bakers
- Grease drip container

**RATIONAL International AG**

Heinrich-Wild-Straße 202

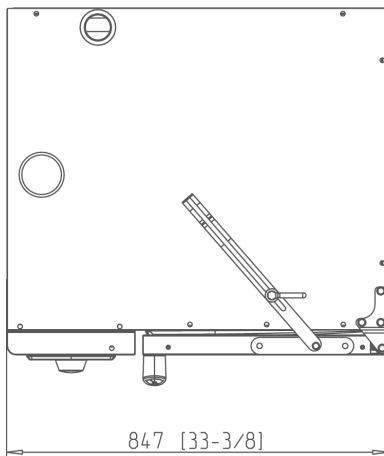
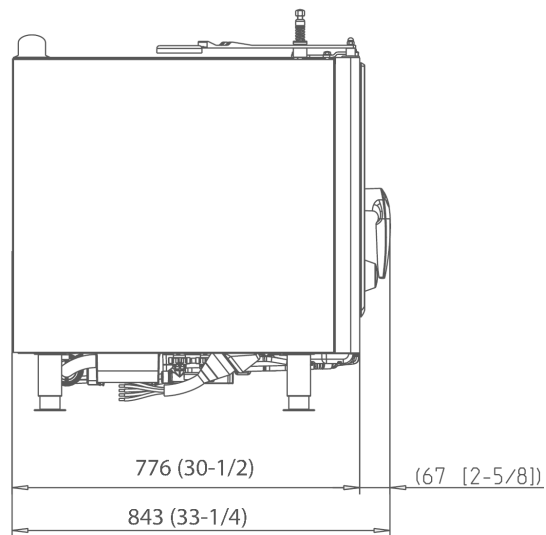
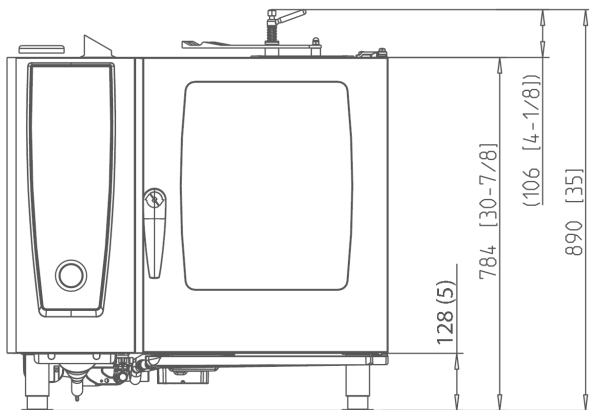
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Visit us on the internet: [www.rational-online.com](http://www.rational-online.com)

We reserve the right to make technical improvements

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mm [inch]

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. Drain 2" OD 5. Electrical connection wire entrance 6. Chassis Ground connection 7. Steam Vent pipe 2 3/8" / 60mm Minimum Clearance 2" / 50 mm Left side clearance 20" recommended for servicing of unit without the ability to move unit while connected.  
Measurements in mm (inch)