



Cold water inlet: two (2) 3/4 inch garden hose

connection

Drain: 2 inch / 50 mm

IT IS THE SOLE RESPONSIBILITY OF THE OWNER/OPERATOR/PURCHASER OF THIS EQUIPMENT TO VERIFY THAT THE INCOMING WATER SUPPLY MEETS AND COMPLIES WITH THE WATER QUALITY SPECIFIED. NON-COMPLIANCE WITH THESE MINIMUM STANDARDS WILL POTENTIALLY DAMAGE THIS EQUIPMENT AND/OR COMPONENTS AND VOID THE ORIGINAL EQUIPMENT MANUFACTURER'S WARRANTY.

Softened water quality:

- total hardness ≤ 3° dH / 3 grains/gal

- pH value 7,0 - 8,5 - conductivity max. $90 \mu S/cm^3$ max. 240 mg/gal - CI: - SO₄: max. 400 mg/gal - SiO₄: max. 40 mg/gal - Fe: max. 0,2 mg/gal - Mn: max. 0,2 gal/l - Cu: max. 0,2 mg/gal - Cl₂: max. 0,40 mg/gal

Water pressure: 60 PSI (35 - 87 PSI)

Water flow rate:

- Softened water 6,6 gal/h (at 60 PSI) - Hard water 14,5 gal/h (at 60 PSI)

- 1. Drain
- 2. Feet, adjustable +/- 0,4 inch (10 mm)
- 3. Cleaner connection
- 4. Rinsing agent connection
- 5. Softened water connection
- 6. Hard water tap
- 7. Potential equalization
- 8. Electrical cable connection (for gas devices only)

Potential-free contact (optional) (for electrical devices only)

- 9. Air filter
- 10. Gas line connection (for gas units only)
- 11. Electrical cable connection (for electrical devices only)
- 12. Energy optimization connection (for electrical devices only)

Dimension:

 Width:
 51 5/8 inch / 1312 mm

 Depth:
 42 7/8 inch / 1088 mm

 Height:
 58 7/8 inch / 1495 mm

 Weight:
 772 lbs / 350 kg

 Number of sheet pans:
 12 x full size 18" x 26"

 Number of Hotel pans:
 24 x full Steam Pan

 12" x 20" x 2"

 Distance/Levels:
 2 5/8 inch / 67 mm

Electrical: (Version 1):

Voltage: 208 VAC Phases: 3 phase

Factory recommended

Amperage: 70 amp Maximum fuse rating: 80 amp Connected load: 21,5 kW

Electrical: (Version 2):

Voltage: 480VAC Phases: 3 phase

Factory recommended

Amperage: 35 amp Maximum fuse rating: 35 amp Connected load: 21,5 kW

Hz: 50 or 60

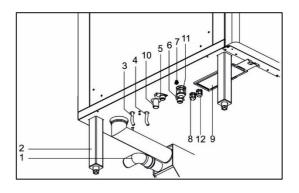
Certification: ETL, ETL Sanitation

Protection (water tight): IPX 5

Heat emission:

- latent- sensitive11610 Btu/Hr8121 Btu/Hr

Noise level: < 70 dB (A)





Standard features

- MT Technology Genuine MultiTouch display with ultrafast response and high resolution. Intuitive and precise operating by means of sliding, swiping or scrolling.
- Quick Set Puts all settings in the exact position with your fingertip. Changes or adds temperature and time settings without interrupting the current cooking process on the display.
- 4 Unique Start Screens manual, climatic^{MT}, favorite, program list
- 9 Menu Groups Pasta, Desert/cakes, Bread/rolls, Poultry, Meat, Fish/seafood, Vegetables, Side dishes, Banqueting/Rethermalization
- 9 modes of operation from 86°F to 572°F with an adjustable humidity between 0% to 100% Vario-Steaming, Steaming, Forced Steaming, Combi-Steam Cooking, Convection, LT-cooking (cook & hold), Delta-T Cooking, Baking
- Favorite Customized listing for fully automatic programs.
- Images Saves individual product images.
- Last 20 Function display allows selection of the 20 most recently used cooking processes including manual and programmed settings for immediate restart.
- Multi Cooking automatically selects programs with the same cooking method and displays up to 15 timers
 interchangeably and simultaneously on screen.
- Climate Control Patented Climatic*MT controls temperature and moisture level. Active humidification and/or dehumidification. Dry heat and humidity in combination with temperature and humidity graphically displayed.
- Climatic^{eMT} simultaneous setting of temperature and humidity to the exact degree and percentage, temperature (°C/°F), air humidity, time, core temperature, humidity, quantity, pause times
- **Program capacity** An integrated 9 Menu group display including a library with up to 400 recipes with 20 steps each and 400 product pictures.
- Quick Mode An operating concept especially adapted to the needs of a multi unit operator. It allows using only set recipes and no manual change.
- Multi Connect Easy administration of multiple units with ProConnectMT software and advanced communication interfaces such as LAN or USB.
- Preconfigured start time for automatic start at a freely selected time, up to 24h
- Cook and Hold Slow cooking from 86°F to 248°F.
- Delta-T cooking cooking processes regulated in accordance with the core temperature
- Regeneration storable special programs for regeneration of banquets, plates and hotel pans
- Steptronic* automatic program sequences using variable combination of cooking steps
- Core temperature control for multi-point probe for precise measurement of the core temperature from 32 °F to 210 °F, control of cooking procedures and explain correction in case of false core temperature probe readings.
- HACCP log book automatic internal recording and display of HACCP/LMHV data
- Half Energy Feature (e/2) Reduced electrical load. Ideal in peak times.
- SPS* Steam Protection System for prevention of burns using active steam extraction at the end of the cooking process
- Heat Exchanger Heat recovery through Multi-Eco System. Pre-heats incoming water for on-demand steam generation. Highly water and energy efficient. Exceeds drain temperature standards for most municipalities.
- autoclean^{®MT} Patented fully-automatic technology. 100% process-controlled for guaranteed hygiene.
 Reduced consumption of water and rinsing agents quick clean in 15 minutes. Color-coded indicator of care
 product shows remaining quantities. No manual cool-down required. No direct employee contact with
 cleaning agents. Biodegradable cleaning/ri
- Fan speed with 2 levels or preconfigured fan timer function or pulsing by fixed speed, fan auto reverse for even browning
- Manual steam injection at any time. No pre-heating or stand-by required. Significant energy and water savings.
- Steam Extraction Steam extracted via patented Steam Protection System (SPS*) before program ends. Reduces danger of steam burns. Reduces excess humidity in the kitchen environment. Recirculation system reuses steam for maximum energy efficiency.
- Active Temp automatic preheating or cooling of the cooking chamber to set temperature
- Cleaning Alert adjustable from 5-100 hours
- Maintenance Alert adjustable from 1-12 months
- Safety door lock 2-step door lock, to reduce the risk of burning due to steaming during opening the door
- · Integrated- self-retracting hand shower with adjustable spray functions and automatic shut off
- Sensor- controlled steam cooling for reducing the steam emission out of the exhaust air pipe



Description

The unit is a boilerless, self-cleaning, combi oven designed for steaming and convection cooking either separately, sequentially or combined. The combi oven has live-steam system that generates steam directly into the cooking chamber, for faster heating and re-heating without requiring a stand-by mode. An award winning Multi-Eco system simultaneously pre-heats incoming water and cools outgoing condensate to reduce energy and water consumption. The oven fits 12 full size sheet pans or 24 steam table pans.

Construction:

- Constructed to withstand temperature range from 86° to 572°F and humidification from 0% to 100%.
- Hygienic cooking chamber with coved corners, seamless welding. Interior and exterior housing of chrome nickel steel CrNi 18 10, BS 304 S15, AISI 304.
- Tempered door glass (with hinged double panes for easy cleaning) with lock-in-place positions, ventilated door, removable door gaskets & integrated drip tray.
- Quick release safety door lock for single-handed operation.
- Automatic fan break when door opens by contact-free magnetic front size switch.
- Integrated, external hand shower, with automatic return and shut off for use with door opened or closed.
- Bright interior lighting with halogen lamps integrated in the door, for easy exchange.
- Exhaust and/or seal integrated in drain fixed connection in accordance with national and international regulations. Sensor controlled, two-stage cool down water condensation (max. discharge temperature 176 °F).
- Split water connections for hard and soft water.
- Hinged control panel easy service access from the front.
- Rack can be easily removed without tools and has a pan slide stop.
- Manufactured according to quality management system EN ISO 9001.
- IPX 5 Water-tight rating.

Options

- LAN interface
- External core temperature probe
- Connection for energy improvement
- Heat shield

System accessories

- Multi-Eco condensation hood
- ProConnect programming software
- Ocean version
- Tray trolley
- Mobile banquet plate rack



Weight und Shipping dimensions:

Weight	
Max. load per shelf:	33 lbs / 15 kg
Max. load size:	330 lbs / 150 kg
Net load device:	772 lbs / 350 kg
Shipping load device:	1000 lbs / 455 kg

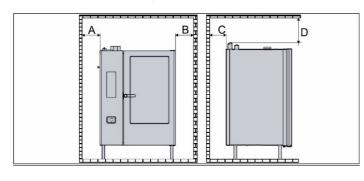
Shipping	Width	Depth	Height	
dimension	49 5/8 inch/	58 2/3 inch/	67 2/3 inch/	
	1260 mm	1490 mm	1720 mm	
Freight	class 150		_	
class				
Cubing	one unit on a pallet			
packing				

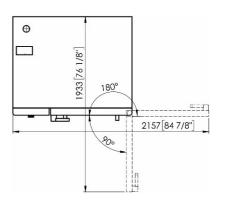






Minimum clearance for operation and maintenance work





Dimension	Clearance [inch (mm)]	Star dev	ndalone ices	
Α	Side with operating panel to the wall			
	Minimum clearance	> 2 ((50)	
	Recommended free space for maintenance / repair	> 19	5/8 (500)	
В	Side without operating panel to the wall			
	Minimum clearance	> 2 ((50)	
С	Rear of the combi steamer to the wall			
	Minimum clearance	> 2 ((50)	
D	Top edge of the exhaust air pipe to the ceiling		_	
	Exhaust hood provided by the operating company	> 2 ((50)	
	Without exhaust hood provided by the operating	> 39	3/8 (1000)	
	company			
Min.	To Broiler, flat top, open flames, fryers without heatsh		> 10 inch	
distance	with heat shield > 2 1/2 inch			



Please note:

Based on the water quality in your area, a water filtration system is required. Any filter applied should be sized to handle the flow rate of the device selected, as well as achieve the water quality specified.

