# MENUMASTER®
## Commercial

# Microwave Powered Steamer Ovens
## Menumaster® Commercial **MSO** Series

### Power Output
- 2100-3500 Watts of power
- Unique method of microwave energy distribution provides superior even heating throughout the entire cavity

### On-demand steaming and batch cooking
- Fast cooking retains food quality and nutrition
- Waterless steaming—no plumbing, deliming, or ventilation required
- Ample 45 liter (1.6 cubic ft.) cavity accommodates two standard 102mm (4") deep full size pans

### Programming flexibility
- Smart USB connectivity standard
- Compatible with ACP Programming Application
- Stores up to 100 programmable menu items

### Easy to Use
- Controls are user friendly and require minimal training
- 11 power levels and 4 cooking stages for cooking flexibility
- Multiple quantity function automatically calculates cooking times for multiple portions
- Automatic Voltage Sensor adjusts to the power supply
- See-through door and lighted interior for monitoring without opening the door
- Stackable to save valuable counter space

### Easy to Maintain
- Stainless steel exterior and interior for easy cleaning and increased durability
- Magnetic front air filters for easy removal and cleaning
- Clean filter reminder to protect oven components.
- Constructed to withstand the foodservice environment
- Interior borosilicate tray is sealed and recessed to reduce plate-to-shelf edge impact and keep spills contained
- Removable borosilicate shelf is easy to clean

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**Microwave Powered Steamer Ovens
This category of microwave oven is ideal for…**

### Applications
- Schools
- Healthcare facilities
- Buffets
- Cafeterias
- Stadiums
- Casual and fine dining
- Seafood restaurants
- Country clubs
- Quick service restaurants
- Supermarkets

### Through put potential by oven wattage (items per hour)

| Food item | 2200W | 3500W |
|---|---|---|
| Baby Red Potatoes *(4.5kg (10lbs))* | 3 | 5 |
| Frozen Vegetables *(3.5kg (8lbs))* | 4 | 6 |
| Lobster Tails *(6 tails)* | 30 | 40 |
| Poached Cod *(8 filets)* | 8 | 10 |
| Shrimp *(1kg (2lbs))* | 18 | 24 |

All ACP, Inc. commercial ovens are supported by our Culinary Center. Do not hesitate to contact us for any questions regarding food preparation, menu development and cooking times: testkitchen@acpsolutions.com

### Optional Accessories
- Non-stick baskets (NB10/S, TB10/S, SB10/S, MB10/S, NB10)
- Oven Cleaner and Shield Protectant (CL10*, SH10*, CL10W**, PR10W**)

### Service
All products are backed by the ACP, Inc. 24/7 ComServ Support Center

### Warranty
Warranty Certificate for this product can be found on the ACP, Inc. website at www.acpsolutions.com/warranty

### Safety and Sanitation
This ACP, Inc. product meets and exceeds safety and sanitation standards set for commercial microwave ovens by UL, ETL, NSF, CSA, FDA, ETL EU, CE, and Standards Association of Australia (SAA) Regulatory Compliance Mark (RCM) certified.

ComServ Commercial Service
866-811-8559

ETL Intertek    ETL Intertek    CB Scheme

CE    N11942

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*Only shipped in U.S.A.
** Only shipped in Europe

**ACP** INC.

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Cedar Rapids, Iowa 52404

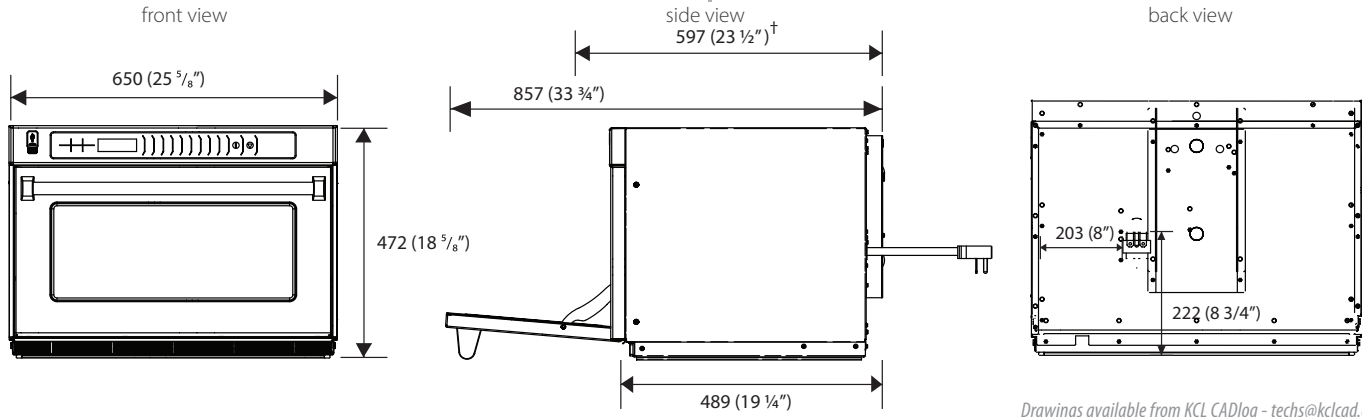225 49th Ave. Dr. SW  Cedar Rapids, IA 52404 U.S.A.    |    800-233-2366    |    319-368-8120    |    Fax: 319-368-8198    |    www.acpsolutions.com

# Menumaster® Commercial **MSO** Series | Microwave Powered Steamer Ovens

front view

650 (25 ⅝")

472 (18 ⅝")

side view

597 (23 ½")†

857 (33 ¾")

489 (19 ¼")

back view

203 (8")

222 (8 3/4")

*Drawings available from KCL CADlog - techs@kclcad.com*

## Dimensions

| | | | |
|---|---|---|---|
| Exterior | H 472 (18 ⅝") | W 650 (25 ⅝") | D† 597 (23 ½") |
| Cavity | H 251 (9 ⅞") | W 535 (21") | D 330 (13") |
| Usable Cavity Space | 45 liter (1.6 cubic ft.) | | |
| Door Depth | 857 (33 ¾"), drop down door | | |
| Installation Clearance | Top: 178 (7") | Sides: 25 (1") | Back: None |
| Shipping Carton | H 565 (22 ¼") | W 768 (30 ¼") | D 667 (26 ¼") |

### Weight

| Product Weight | Ship weight (approx.) | UPS Shippable |
|---|---|---|
| 66 kg (146 lbs.) | 73 kg (161 lbs.) | No |

*Measurements are millimeters. Measurements in ( ) are US Standard*
*\* IEC 60705 Tested*
*† Includes handle*
*EMEA = Europe, the Middle East and Africa; APAC = Asia Pacific and Oceania; LATAM=Latin America*

## Features

| | |
|---|---|
| Configuration | Countertop |
| Stackable | Yes |
| Display | LCD |
| USB Port | Yes |
| Control System | Touchpad |
| Programmable Control | Yes, 10 pads |
| Braille | No |
| Settings Programmable | 100, with optional A/B menu |
| Max. Cooking Time | 60:00 |
| Microwave Distribution | Top and bottom antennas |
| Power Levels | 11 |
| Defrost | Yes, power level 2 |
| Time Entry Option | Yes |
| Dial Time Entry | Yes |
| Multiple Portion Setting | Yes, X2 |
| Stage Cooking | 4 stages |
| Interior Light | Yes, LED |
| Air Filter | Yes, 2 removable with cleaning reminder |
| Signal | End of cycle, adjustable |
| Door Opening | Pull down |
| Door Construction | Glass Window |
| Latch Number | 2 |
| Exterior Finish | Stainless steel |
| Interior Finish | Stainless steel with recessed borosilicate tray |
| Interior Shelf | 1 shelf position; 1 removable borosilicate shelf |

## Electrical Configuration

| Region | Model#/ UPC | Automatic Voltage Sensor | Power Consumption | Power Output (microwave) | Power Source | Plug Configuration | | Cord Length | Frequency | Magnetron |
|---|---|---|---|---|---|---|---|---|---|---|
| North America *single phase* | **MSO22** 728028315806 | Yes | 3500 W | 2200W* | 208/240V, 60Hz, 20A, single phase | NEMA 6-20P | | 1.5m (5 ft.) | 2450MHz | 4 |
| North America *single phase* | **MSO35** 728028315813 | Yes | 5100 W | 3500W* | 208/240V, 60Hz, 30A, single phase | NEMA 6-30P | | 1.5m (5 ft.) | 2450MHz | 4 |
| EMEA, APAC, LATAM *single phase* | **MSO5211** 728028315820 | No | 3300 W | 2100W* | 230-240V, 50Hz, 16A, single phase | CEE 7/7 "Schuko" | | 1.5m (5 ft.) | 2450MHz | 4 |
| EMEA, APAC, LATAM *single phase* | **MSO5351** 728028315837 | No | 5400 W | 3500W* | 230-240 V, 50 Hz, 30 A, single phase | IEC 309 | | 1.5m (5 ft.) | 2450MHz | 4 |
| EMEA, APAC, LATAM *multi phase* | **MSO5353** 728028315943 | No | 5400 W | 3500W* | 400 V, 50 Hz, Wye, 16 A, 3 phase, 5 wire | IEC 309 | | 2.4 m (8 ft.) | 2450MHz | 4 |
| Australia *multi phase* | **MSO5353A** 728028422726 | No | 5400 W | 3500W* | 400 V, 50 Hz, Wye, 16 A, 3 phase, 5 wire | Direct Wire | | 1.5m (5 ft.) | 2450MHz | 4 |
| Brazil *single phase* | **MSO35B** 728028377101 | No | 5400 W | 3500W* | 220V, 60Hz, 32A, single phase | IEC 309 | | 1.5m (5 ft.) | 2450MHz | 4 |

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The Spirit of Excellence

Specification #:

AIA File #: