



Electrolux
PROFESSIONAL

Modular Cooking Range Line thermaline 90 - Electric Free- cooking Top on Oven H=800

ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____

589894 (MCTGEAJ8DM)

Electric Free-Cooking Top,
one-side operated, on Oven
- H3 - Marine

Short Form Specification

Item No. _____

Unit constructed according to DIN 18860_2 with 20 mm drop nose top. Internal frame for heavy duty sturdiness in stainless steel. 2 mm top in 1.4301 (AISI 304). Flat surface construction, easily cleanable. THERMODUL connection system enables seamless worktop when units are connected and avoids soil penetrating. Smooth electrically-heated solid plate made of 20 mm thick steel with a wide rounded cleaning zone around the plate. Rapid plate heat up, continuously ready to use; maximum reachable surface temperature of 350°C. Electric static oven base with 40 mm thick oven door and ribbed enamelled steel base plate. Constructed according to 1.4301 (AISI 304). Oven chamber with 2 levels of runners for 2/1 GN shelves to enable simultaneous and faster cooking. Heavy duty thermostat with temperature range up to 300°C, electronic sensor for precise temperature control and manual humidity control in the cooking chamber. Upper heating element can also be used for grilling, with or without ventilating mode. Overheat protection switches off the supply in case of overheating. Standby function saves energy and quickly recovers maximum power. Metal knobs and oven handles ergonomically designed with embedded hygienic silicon "soft" grip enable easier handling and cleaning. IPX5 water resistance certification.

Main Features

- Rapid heat up of the plate and continuously ready for use.
- Overheat protection: a temperature sensor switches off the supply in case of overheating.
- Wide rounded cleaning zone around the plates for easier cleaning.
- 40 mm thick oven door for heat insulation.
- All major components may be easily accessed from the front.
- THERMODUL connection system creates a seamless work top when units are connected to each other thus avoiding soil penetrating vital components and facilitating the removal of units in case of replacement or service.
- Metal knobs with embedded hygienic "soft-touch" grip for easier handling and cleaning. The special design of the controls prevents infiltration of liquids or soil into vital components.
- Large visible digital display manufactured in tempered glass to resist heat and chemicals, showing temperatures or power settings. The display also shows on/off status of the appliance and on/off status of the heating elements.
- Cooking plate and base joint profile guarantee against soil infiltration.
- Surface temperature up to 350°C
- Handles are ergonomically designed with silicon "soft" grip for easy handling and cleaning.
- Oven chamber to have 2 levels of runners to accommodate 2/1 GN trays and ribbed enamelled steel base plate.
- The upper heating element of the oven can also be used for grilling.
- Manual control of humidity in cooking chamber.
- Electronic sensor for precise temperature control.
- Unit constructed according to DIN 18860_2 with 70 mm recessed plinth.
- For direct and indirect cooking.
- Oven temperature up to 300 °C

Construction

- Unit constructed according to DIN 18860_2 with 20 mm drop nose top and 70 mm recessed plinth.
- Flat surface construction with minimal hidden areas to easily clean all surfaces
- IPX5 water resistance certification.
- Unit constructed according to DIN 18860_2 with 20 mm drop nose top.

APPROVAL: _____



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- Cooking surface is an electrically heated solid plate made from 20 mm thick stainless steel AISI 316 - DIN 1.4404.
- 2mm thick top in stainless steel AISI 304 - DIN 1.4301.
- Internal frame for heavy duty sturdiness in stainless steel.

Sustainability



- Standby function for energy saving and fast recovery of maximum power.

Included Accessories

- 1 of Grid, chromium plated, for ovens PNC 910652 2/1 GN

Optional Accessories

- | | | |
|---|------------|--------------------------|
| • Baking sheet 2/1 GN for ovens | PNC 910651 | ☐ |
| • Bottom steel plate 2/1 GN for fire clay plate 800&900 with baking oven | PNC 910655 | ☐ |
| • Fire clay plate 2/1 GN for ovens | PNC 910656 | ☐ |
| • Connecting rail kit, 900mm | PNC 912502 | ☐ |
| • Stainless steel side panel, 900x700mm, freestanding | PNC 912512 | ☐ |
| • Portioning shelf, 1000mm width | PNC 912528 | ☐ |
| • Portioning shelf, 1000mm width | PNC 912558 | ☐ |
| • Folding shelf, 300x900mm | PNC 912581 | ☐ |
| • Folding shelf, 400x900mm | PNC 912582 | ☐ |
| • Fixed side shelf, 200x900mm | PNC 912589 | ☐ |
| • Fixed side shelf, 300x900mm | PNC 912590 | ☐ |
| • Fixed side shelf, 400x900mm | PNC 912591 | ☐ |
| • Endrail kit, flush-fitting, left | PNC 913111 | ☐ |
| • Endrail kit, flush-fitting, right | PNC 913112 | ☐ |
| • Scraper for smooth plates | PNC 913119 | ☐ |
| • Endrail kit (12.5mm) for thermaline 90 units, left | PNC 913202 | ☐ |
| • Endrail kit (12.5mm) for thermaline 90 units, right | PNC 913203 | ☐ |
| • Stainless steel side panel, left, H=700 | PNC 913222 | ☐ |
| • Stainless steel side panel, right, H=700 | PNC 913223 | ☐ |
| • T-connection rail for back-to-back installations without backsplash (to be ordered as S-code) | PNC 913227 | ☐ |
| • Endrail kit, (12.5mm), for back-to-back installation, left | PNC 913251 | ☐ |
| • Endrail kit, (12.5mm), for back-to-back installation, right | PNC 913252 | ☐ |
| • Endrail kit, flush-fitting, for back-to-back installation, left | PNC 913255 | ☐ |
| • Endrail kit, flush-fitting, for back-to-back installation, right | PNC 913256 | ☐ |
| • Side reinforced panel only in combination with side shelf, for freestanding units | PNC 913260 | ☐ |
| • Side reinforced panel only in combination with side shelf, for back-to-back installations, left | PNC 913275 | ☐ |
| • Side reinforced panel only in combination with side shelf, for back-to-back installation, right | PNC 913276 | ☐ |
| • Filter W=1000mm | PNC 913666 | ☐ |

- Stainless steel dividing panel, 900x700mm, (it should only be used between Electrolux Professional thermaline Modular 90 and thermaline C90) PNC 913672 ☐
- Stainless steel side panel, 900x700mm, flush-fitting (it should only be used against the wall, against a niche and in between Electrolux Professional thermaline and ProThermetic appliances and external appliances - provided that these have at least the same dimensions) PNC 913688 ☐

Recommended Detergents

- C41 HI-TEMP RAPID DEGREASER, 1 pack of six 1 lt. bottles (trigger incl.) PNC 0S2292 ☐

Technical drawing of a rectangular structure, likely a container or tank, showing dimensions in millimeters. The overall width is 900 mm, with 43.5 mm margins on both sides. The overall height is 900 mm. The structure has a top flange with a height of 250 mm and a main body with a height of 450 mm. The base is supported by two legs, each 150 mm wide, with a 600 mm gap between them. The total width of the base is 900 mm (150 + 600 + 150). The structure is shown on a hatched base with a level indicator of +0. The top flange has a level indicator of +200.

Technical drawing of a rectangular plate with dimensions and a detail view. The main plate is 1000 units wide and 900 units high. It has a 45-unit thick right edge. A detail view 'E1' shows a corner with a 45-unit radius and a 45-unit thick edge. A detail view 'EQ' shows a corner with a 45-unit radius and a 45-unit thick edge. Dimensions 685, 768, and 810 are indicated for the detail view.

Electric

Supply voltage: 440 V/3 ph/50/60 Hz
Electrical power, max: 21.3 kW

Key Information:

Working Temperature MIN: 80 °C
Working Temperature MAX: 350 °C
External dimensions, Width: 1000 mm
External dimensions, Depth: 900 mm
External dimensions, Height: 700 mm
Storage Cavity Dimensions (width):
Storage Cavity Dimensions (height):
Storage Cavity Dimensions (depth): 0 mm
Net weight: 258 kg
Configuration: On Oven; One-Side Operated
Front Plates Power: 4 - 4 kW
Back Plates Power: 4 - 4 kW
Solid top usable surface (width): 820 mm
Solid top usable surface (depth): 720 mm

Sustainability

Current consumption: 40 Amps