



Electrolux
PROFESSIONAL

**Modular Cooking Range Line
thermaline 90 - 4 Zone Full Surface
Induction Top on Open Base, 1 Side,
H=800**

ITEM #

MODEL #

NAME #

SIS #

AIA #



589730 (MCJDFAJIAA)

Free-zone Induction on
open base (34x74x33h cm),
H2, 4 zones, 1-side operated

Short Form Specification

Item No.

Unit constructed according to DIN 18860_2 with 20 mm drop nose top and 70 mm recessed plinth. 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. Free zone multi-coil glass ceramic surface without dead spots can host up to 16 pots&pans. Minimum cookware diameter is 7 mm. UI design to control each coil independently, power (W) and temperature settings are possible. Overheat protection switches off the supply in case of overheating. IPX5 water resistance certification. Configuration: Freestanding, one-side operated, on open base, hygienic class H2.

Main Features

- The free zone induction offers the possibility to use multiple pots and pans, even small sizes (min diameter 7 cm), thanks to the multi-coil system design that makes all the surface active, ideal for à la carte menu.
- The smooth glass-ceramic surface features limited temperature increase and it can be quickly and easily cleaned, thus providing maximum hygiene.
- 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.
- 360° round stepless metal knobs, working clock and anticlock wise for quick parameters selection and adjustment.
- Each zone is controlled by a touch-sensitive keypad with 7 touch buttons, 4 displays and a round knob. Each zone consists in 4 coils, which can be individually controlled or bridged in 2, 3 or 4. Power (watts) or temperature (°C) can be selected. A function is also available to set and save 3 different configurations.
- Power setting from 25 to 2000 watt in 30 steps or temperature settings from 30 to 250° C in steps of 1°C.
- Electronic sensor, placed underneath the glass, below the coil center position, to precisely measure the temperature of the pan/pot bottom
- Overheat protection: the temperature sensor switches off the supply in case of overheating.
- Heating system automatically switches off when pots and pans are removed.
- Low heat dissipation to the kitchen.

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
- Internal frame for heavy duty sturdiness in stainless steel.
- All major components may be easily accessed from the front, including the induction filters.
- 2 mm top in 1.4301 (AISI 304).
- 34x74x33 cm (wxdxh) open base with round corners H2 for storage.
- IPX5 water resistance certification.

Sustainability

- This model is compliant with Swiss Energy Efficiency Ordinance (730.02).



APPROVAL:

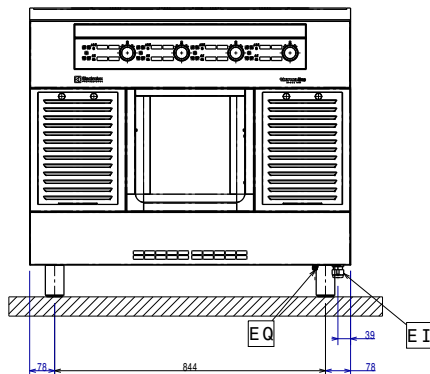


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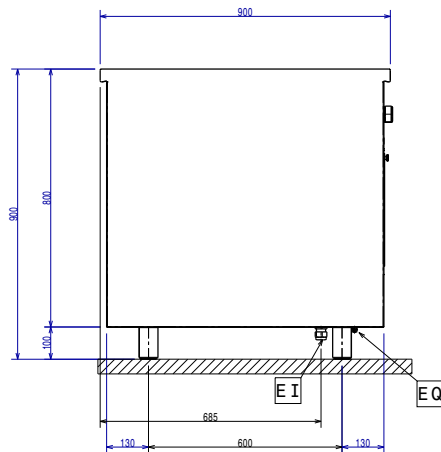
Optional Accessories

• S04 GLASSES & HARD SURFACES CLEANERS; 6 BOTTLES X 750ML	PNC 0S2884	☐	• Side reinforced panel only in combination with side shelf, for back-to-back installation, right	PNC 913278	☐
• Scraper for cook tops	PNC 910601	☐	• Shelf fixation for TL80-85-90 one-side operated, TL80 two-side operated	PNC 913281	☐
• Connecting rail kit, 900mm	PNC 912502	☐	• Filter W=1000mm	PNC 913666	☐
• Stainless steel side panel, 900x800mm, freestanding	PNC 912511	☐	• Stainless steel dividing panel, 900x800mm, (it should only be used between Electrolux Professional thermaline Modular 90 and thermaline C90)	PNC 913673	☐
• Portioning shelf, 1000mm width	PNC 912528	☐	• Stainless steel side panel, 900x800mm, 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 913689	☐
• 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	☐			
• Stainless steel front kicking strip, 1000mm width	PNC 912600	☐			
• Stainless steel side kicking strips left and right, freestanding, 900mm width	PNC 912621	☐			
• Stainless steel side kicking strips left and right, back-to-back, 1810mm width	PNC 912627	☐			
• Stainless steel plinth, freestanding, 1000mm width	PNC 912922	☐			
• Connecting rail kit: modular 90 (on the left) to ProThermetic tilting (on the right), ProThermetic stationary (on the left) to ProThermetic tilting (on the right)	PNC 912975	☐			
• Connecting rail kit: modular 80 (on the right) to ProThermetic tilting (on the left), ProThermetic stationary (on the right) to ProThermetic tilting (on the left)	PNC 912976	☐			
• Endrail kit, flush-fitting, left	PNC 913111	☐			
• Endrail kit, flush-fitting, right	PNC 913112	☐			
• 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=800, flush	PNC 913224	☐			
• Stainless steel side panel, left, H=800, flush	PNC 913225	☐			
• T-connection rail for back-to-back installations without backsplash (to be ordered as S-code)	PNC 913227	☐			
• Insert profile d=900	PNC 913232	☐			
• Perforated shelf for warming cabinets and cupboard bases (one-side operated TL80-85-90 and two-side operated for TL80)	PNC 913234	☐			
• 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 913259	☐			
• Side reinforced panel only in combination with side shelf, for back-to-back installations, left	PNC 913277	☐			

Front

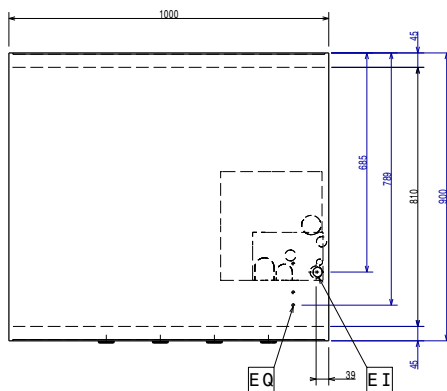


Side



EI = Electrical inlet (power)
 EQ = Equipotential screw

Top



Electric

Supply voltage:	400 V/3N ph/50/60 Hz
Total Watts:	32 kW

Key Information:

External dimensions, Width:	1000 mm
External dimensions, Depth:	900 mm
External dimensions, Height:	800 mm
Storage Cavity Dimensions (width):	340 mm
Storage Cavity Dimensions (height):	330 mm
Storage Cavity Dimensions (depth):	738.5 mm
Net weight:	120 kg
Configuration:	On Base; One-Side Operated
Front Plates Power:	8 - 8 kW
Back Plates Power:	8 - 8 kW
Front Plates dimensions:	320x320 320x320
Back Plates dimensions:	320x320 320x320
Induction Top Dimensions (width):	1000 mm
Induction Top Dimensions (depth):	900 mm

Sustainability

Current consumption:	43 Amps
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