



**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:**

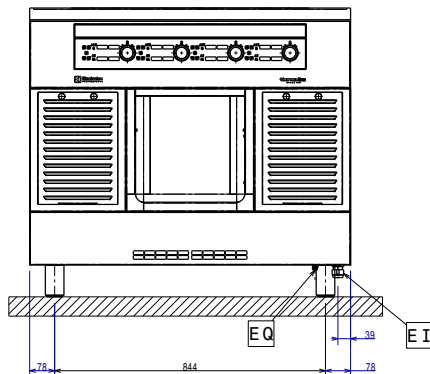


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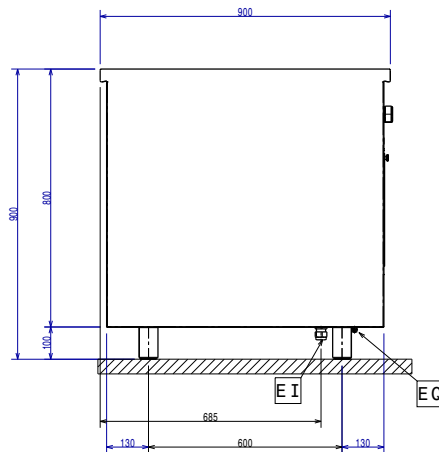
### Optional Accessories

• S04 GLASSES & HARD SURFACES CLEANERS; 6 BOTTLES X 750ML	PNC 0S2884	<input type="checkbox"/>	• Side reinforced panel only in combination with side shelf, for back-to-back installation, right	PNC 913278	<input type="checkbox"/>
• Scraper for cook tops	PNC 910601	<input type="checkbox"/>	• Shelf fixation for TL80-85-90 one-side operated, TL80 two-side operated	PNC 913281	<input type="checkbox"/>
• Connecting rail kit, 900mm	PNC 912502	<input type="checkbox"/>	• Filter W=1000mm	PNC 913666	<input type="checkbox"/>
• Stainless steel side panel, 900x800mm, freestanding	PNC 912511	<input type="checkbox"/>	• Stainless steel dividing panel, 900x800mm, (it should only be used between Electrolux Professional thermaline Modular 90 and thermaline C90)	PNC 913673	<input type="checkbox"/>
• Portioning shelf, 1000mm width	PNC 912528	<input type="checkbox"/>	• 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	<input type="checkbox"/>
• Portioning shelf, 1000mm width	PNC 912558	<input type="checkbox"/>			
• Folding shelf, 300x900mm	PNC 912581	<input type="checkbox"/>			
• Folding shelf, 400x900mm	PNC 912582	<input type="checkbox"/>			
• Fixed side shelf, 200x900mm	PNC 912589	<input type="checkbox"/>			
• Fixed side shelf, 300x900mm	PNC 912590	<input type="checkbox"/>			
• Fixed side shelf, 400x900mm	PNC 912591	<input type="checkbox"/>			
• Stainless steel front kicking strip, 1000mm width	PNC 912600	<input type="checkbox"/>			
• Stainless steel side kicking strips left and right, freestanding, 900mm width	PNC 912621	<input type="checkbox"/>			
• Stainless steel side kicking strips left and right, back-to-back, 1810mm width	PNC 912627	<input type="checkbox"/>			
• Stainless steel plinth, freestanding, 1000mm width	PNC 912922	<input type="checkbox"/>			
• 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	<input type="checkbox"/>			
• 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	<input type="checkbox"/>			
• Endrail kit, flush-fitting, left	PNC 913111	<input type="checkbox"/>			
• Endrail kit, flush-fitting, right	PNC 913112	<input type="checkbox"/>			
• Endrail kit (12.5mm) for thermaline 90 units, left	PNC 913202	<input type="checkbox"/>			
• Endrail kit (12.5mm) for thermaline 90 units, right	PNC 913203	<input type="checkbox"/>			
• Stainless steel side panel, left, H=800, flush	PNC 913224	<input type="checkbox"/>			
• Stainless steel side panel, left, H=800, flush	PNC 913225	<input type="checkbox"/>			
• T-connection rail for back-to-back installations without backsplash (to be ordered as S-code)	PNC 913227	<input type="checkbox"/>			
• Insert profile d=900	PNC 913232	<input type="checkbox"/>			
• Perforated shelf for warming cabinets and cupboard bases (one-side operated TL80-85-90 and two-side operated for TL80)	PNC 913234	<input type="checkbox"/>			
• Endrail kit, (12.5mm), for back-to-back installation, left	PNC 913251	<input type="checkbox"/>			
• Endrail kit, (12.5mm), for back-to-back installation, right	PNC 913252	<input type="checkbox"/>			
• Endrail kit, flush-fitting, for back-to-back installation, left	PNC 913255	<input type="checkbox"/>			
• Endrail kit, flush-fitting, for back-to-back installation, right	PNC 913256	<input type="checkbox"/>			
• Side reinforced panel only in combination with side shelf, for freestanding units	PNC 913259	<input type="checkbox"/>			
• Side reinforced panel only in combination with side shelf, for back-to-back installations, left	PNC 913277	<input type="checkbox"/>			

Front

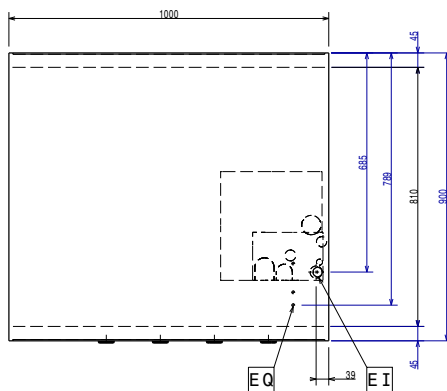


Side



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