

**Modular Cooking Range Line**  
**thermaline 90 - 4 Zone Freestanding**  
**Electric Solid Top with Ecotop, 1 Side,**  
**H=700**

ITEM # \_\_\_\_\_

MODEL # \_\_\_\_\_

NAME # \_\_\_\_\_

SIS # \_\_\_\_\_

AIA # \_\_\_\_\_



**589517 (MCLDEAJDAO)**

Electric Solid Top, 4 zones,  
 ecoTop coating, one-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. ECOTOP model with a 20 mm thick steel cooking surface with heat retaining coating. 4 independently controlled heating zones with 2 electronic sensors per zone for temperature surface control and 8 power levels. Rapid plate heat up, continuously ready to use. Overheat protection switches off the supply in case of overheating. Standby function saves energy and quickly recovers maximum power. Metal knobs with embedded hygienic silicon "soft" grip enable easier handling and cleaning. IPX5 water resistance certification. Configuration: Freestanding, One-side operated.

### Main Features

- 4 heating zones independently controlled.
- Rapid heat up of the plate and continuously ready for use.
- Overheat protection: a temperature sensor switches off the supply in case of overheating.
- Pans can easily be moved from one area to another without lifting.
- Wide rounded cleaning zone around the plates for easier cleaning.
- All major components may be easily accessed from the front.
- ECOTOP model has a 20 mm thick steel DIN 1.7335 nickel coated cooking surface.
- 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.
- Two electronic sensors per zone to control surface temperature and to protect cooking plate from overheating.
- 8 power levels.

### Construction

- 2 mm top in 1.4301 (AISI 304).
- 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.
- Internal frame for heavy duty sturdiness in stainless steel.

### Sustainability

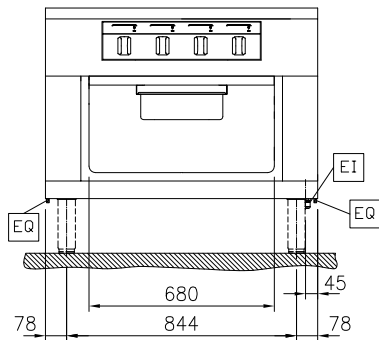
- Standby function for energy saving and fast recovery of maximum power.

APPROVAL: \_\_\_\_\_

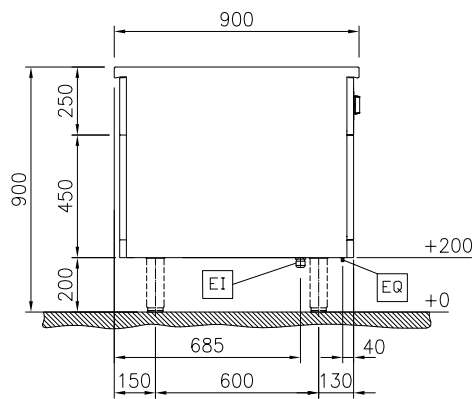
### Optional Accessories

• Connecting rail kit, 900mm	PNC 912502	<input type="checkbox"/>	• Side reinforced panel only in combination with side shelf, for back-to-back installations, left	PNC 913275	<input type="checkbox"/>
• Stainless steel side panel, 900x700mm, freestanding	PNC 912512	<input type="checkbox"/>	• Side reinforced panel only in combination with side shelf, for back-to-back installation, right	PNC 913276	<input type="checkbox"/>
• Portioning shelf, 1000mm width	PNC 912528	<input type="checkbox"/>	• Shelf fixation for TL80-85-90 one-side operated, TL80 two-side operated	PNC 913283	<input type="checkbox"/>
• Portioning shelf, 1000mm width	PNC 912558	<input type="checkbox"/>	• Filter W=1000mm	PNC 913666	<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 912636	<input type="checkbox"/>			
• Stainless steel side kicking strip left and right, freestanding, 900mm width	PNC 912657	<input type="checkbox"/>			
• Stainless steel side kicking strip left and right, back-to-back, 1810mm width	PNC 912663	<input type="checkbox"/>			
• Stainless steel plinth, freestanding, 1000mm width	PNC 912960	<input type="checkbox"/>			
• Connecting rail kit: modular 90 (on the left) to ProThermatic tilting (on the right), ProThermatic stationary (on the left) to ProThermatic tilting (on the right)	PNC 912975	<input type="checkbox"/>			
• Connecting rail kit: modular 80 (on the right) to ProThermatic tilting (on the left), ProThermatic stationary (on the right) to ProThermatic 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=700	PNC 913222	<input type="checkbox"/>			
• Stainless steel side panel, right, H=700	PNC 913223	<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 913235	<input type="checkbox"/>			
• Energy optimizer kit 40A - factory fitted	PNC 913248	<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 913260	<input type="checkbox"/>			

Front

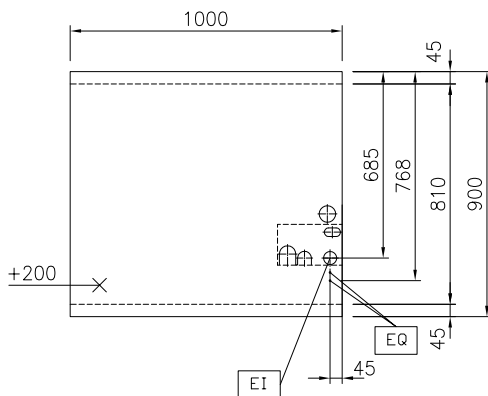


Side



EI = Electrical inlet (power)  
 EQ = Equipotential screw

Top



### Electric

Supply voltage: 400 V/3N ph/50/60 Hz  
 Electrical power, max: 16 kW

### Key Information:

Working Temperature MIN: 100 °C  
 Working Temperature MAX: 450 °C  
 External dimensions, Width: 1000 mm  
 External dimensions, Depth: 900 mm  
 External dimensions, Height: 700 mm  
 Storage Cavity Dimensions (width): 680 mm  
 Storage Cavity Dimensions (height): 330 mm  
 Storage Cavity Dimensions (depth): 740 mm  
 Net weight: 193 kg  
 Configuration: On Base;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: 34.8 Amps