Electrolux PROFESSIONAL

Modular Cooking Range Line thermaline 90 - 23 lt Well Freestanding Gas Deep Fat Fryer, 1 Side, Backsplash, H=800

ITEM #

MODEL #

NAME #

SIS #

AIA #



589460 (MCFDFBEDPO) 23lt gas Deep Fat Fryer, one-side operated with backsplash

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. Appliance designed to deep fry meat, fish and vegetables (french fries). Deep drawn V-shaped well with thermostatic regulation of oil temperature up to a maximum of 185 °C. Electrical ignition powered by battery with thermocouple for added safety. Flame failure device on each burner, with safety thermostat and thermostatic control. Reduced power setting to melt solid fat. Oil can be easily drained via a ball-valve. All-round basin raised edges to protect against soil infiltration. Large overflow stamped area around the well. Overheat protection switches off the supply in case of overheating. Metal knobs with embedded hygienic silicon "soft" grip enable easier handling and cleaning.
IPX4 water resistant certification.
Configuration: Freestanding, One-side operated with backsplash.

APPROVAL:

Main Features

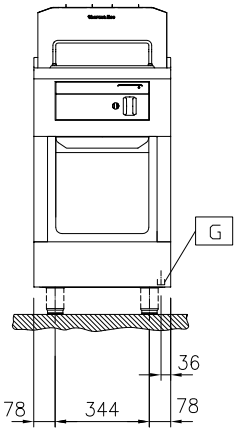
- All major components may be easily accessed from the front.
- THERMODUL connection system creates a seamless work top when units are connected to each other thus avoiding soil penetrating vital components and facilitating the removal of units in case of replacement or service.
- Metal-covered knobs 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.
- Overheat protection: the temperature sensor switches off the supply in case of overheating.
- Raised edge all around the well to protect from infiltration of dirt from worktop.
- Deep drawn V-Shaped well.
- Large overflow stamped area, located around the well.
- External heating elements allow to easily clean the well.
- Indirect oil heating system and uniform heat distribution to guarantee extended oil life.
- Reduced power setting to melt solid fat.
- Oil level mark for MAX/MIN filling.
- Designed for deep fat frying of meat, fish, specialities and vegetable (french fries, chips).
- Oil can be drained off via a ball-valve with a lock to prevent unintentional opening. When opened, the ball valve provides a full cross-section opening to easily clean the drainage system.
- Flame failure device on each burner.
- Safety thermostat and thermostatic control.
- Thermostatic regulation of oil temperature up to a maximum of 185 °C.
- Electrical ignition powered by battery with thermocouple for added safety.

Construction

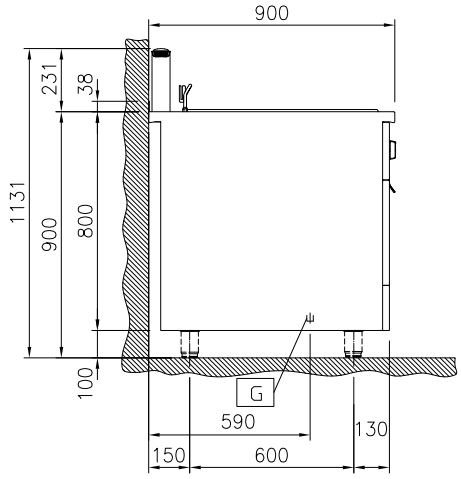
- 2 mm top in 1.4301 (AISI 304).
- Unit constructed according to DIN 18860_2 with 20 mm drop nose top and 70 mm recessed plinth.
- Flat surface construction with minimal hidden areas to easily clean all surfaces
- IPx4 water protection.
- Internal frame for heavy duty sturdiness in stainless steel.

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Front

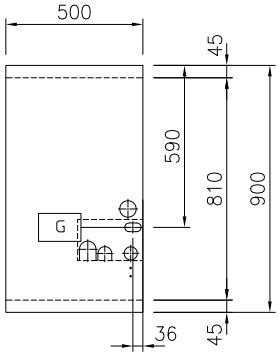


Side



EQ = Equipotential screw
G = Gas connection

Top



Gas

Gas Power:	21 kW
Gas Type Option:	
Gas Inlet:	1/2"

Key Information:

Number of wells:	1
Usable well dimensions (width):	340 mm
Usable well dimensions (height):	250 mm
Usable well dimensions (depth):	400 mm
Well capacity:	20 lt MIN; 23 lt MAX
Thermostat Range:	120 °C MIN; 190 °C MAX
External dimensions, Width:	500 mm
External dimensions, Depth:	900 mm
External dimensions, Height:	800 mm
Net weight:	85 kg
Configuration:	On Base;One-Side Operated

The company reserves the right to make modifications to the products without prior notice. All information correct at time of printing.

2026.11.02

Included Accessories

Optional Accessories

• Discharge vessel for 15 & 23lt fryers	PNC 911570	❑
• Lid for discharge vessel 15 & 23lt fryers	PNC 911585	❑
• Connecting rail kit for appliances with backsplash, 900mm	PNC 912499	❑
• Portioning shelf, 500mm width	PNC 912523	❑
• Portioning shelf, 500mm width	PNC 912553	❑
• 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, 500mm width	PNC 912595	❑
• Stainless steel side kicking strips left and right, against the wall, 900mm width	PNC 912624	❑
• Stainless steel side kicking strips left and right, back-to-back, 1810mm width	PNC 912627	❑
• Stainless steel plinth, against wall, 500mm width	PNC 912898	❑
• Stainless steel plinth, freestanding, 500mm width	PNC 912917	❑
• Connecting rail kit for appliances with backsplash: modular 90 (on the left) to ProThermetic tilting (on the right), ProThermetic stationary (on the left) to ProThermetic tilting (on the right)	PNC 912981	❑
• Connecting rail kit for appliances with backsplash: modular 90 (on the right) to ProThermetic tilting (on the left), ProThermetic stationary (on the right) to ProThermetic tilting (on the left)	PNC 912982	❑
• Back panel, 500x800mm, for units with backsplash	PNC 913023	❑
• Stainless steel panel, 900x800mm, against wall, left side	PNC 913102	❑
• Stainless steel panel, 900x800mm, against wall, right side	PNC 913106	❑
• Endrail kit, flush-fitting, with backsplash, left	PNC 913117	❑
• Endrail kit, flush-fitting, with backsplash, right	PNC 913118	❑
• Filter for deep fat fryer oil collection basin	PNC 913146	❑
• Endrail kit (12.5mm) for thermaline 90 units with backsplash, left	PNC 913208	❑
• Endrail kit (12.5mm) for thermaline 90 units with backsplash, right	PNC 913209	❑
• U-clamping rail for back-to-back installations with backsplash (to be ordered as S-code)	PNC 913226	❑
• Insert profile d=900	PNC 913232	❑
• Side reinforced panel only in combination with side shelf, for against the wall installations, left	PNC 913268	❑
• Side reinforced panel only in combination with side shelf, for against the wall installations, right	PNC 913270	❑
• Stainless steel dividing panel, 900x800mm, (it should only be used between Electrolux Professional thermaline Modular 90 and thermaline C90)	PNC 913673	❑
• 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	❑
• Gas mainswitch for modular H800 gas units (factory fitted)	PNC 913698	❑

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