



**Modular Cooking Range Line**  
**thermaline 90 - 4-Burner Gas Top with**  
**Ecoflam on Passthrough Static Gas**  
**Oven, 2 Sides, H=700**

ITEM # \_\_\_\_\_  
MODEL # \_\_\_\_\_  
NAME # \_\_\_\_\_  
SIS # \_\_\_\_\_  
AIA # \_\_\_\_\_



**589616 (MCQNECJCPO)**

4-Burner gas Top on  
passthrough gas static  
Oven, ecoflam, two-side  
operated

IPX5 water resistant certification.  
Configuration: Freestanding, two-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. 4 gas burners with optimized combustion, flame failure device, thermocouple safety hand valve and protected pilot flame. Triple ring "flower" flame burners with anti-clogging design. Manual gas valves allow precise flame intensity control. Large pan support in cast iron with long center fins for various pan sizes. ECOFLAM pan detection system to save energy and to reduce unnecessary heat radiation in the kitchen. Deep flat spillage tray with rounded corners and drain hole. Metal knobs and oven handles with embedded hygienic silicon "soft" grip enable easier handling and cleaning. Gas static oven chamber with 40 mm thick oven door and ribbed enamelled steel base plate. 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.

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



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## Main Features

- Flame failure device on each burner protects against gas leakage when accidental extinguishing of the flame occurs.
- Large sized pan support in cast iron with long center fins to allow the use of the largest down to the smallest pans.
- Manual gas valves allow precise control of the flame intensity between high and low positions.
- Manual oven shut-off valve.
- Pans can easily be moved from one area to another without lifting.
- 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.
- 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.
- Burners with optimized combustion. Triple ring flower flame burners with anti-clogging design.
- Deep flat spillage tray with rounded corners and drain hole to facilitate cleaning.
- 100% safety pilot and thermocouple.
- Oven temperature up to 300 °C
- 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.
- Patented Flower Flame burners that adjust to the size and form of the cookware (Patent EP2708813B1 and related family).

## Construction

- Each burner equipped with thermocouple safety hand valve and protected pilot flame.
- 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.



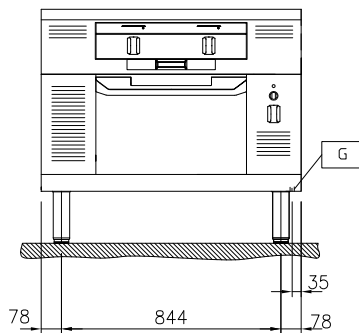
### Included Accessories

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

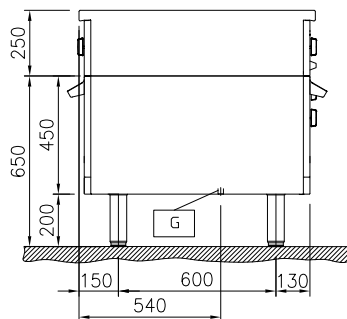
### Optional Accessories

- |  |            |                          |
|--|------------|--------------------------|
| • Baking sheet 2/1 GN for ovens  | PNC 910651 | <input type="checkbox"/> |
| • Bottom steel plate 2/1 GN for fire clay plate 800x900 with baking oven   | PNC 910655 | <input type="checkbox"/> |
| • Fire clay plate 2/1 GN for ovens   | PNC 910656 | <input type="checkbox"/> |
| • Connecting rail kit, 900mm   | PNC 912502 | <input type="checkbox"/> |
| • Stainless steel side panel, 900x700mm, freestanding  | PNC 912512 | <input type="checkbox"/> |
| • Portioning shelf, 1000mm width   | PNC 912528 | <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 912636 | <input type="checkbox"/> |
| • Stainless steel side kicking strip left and right, freestanding, 900mm width   | PNC 912657 | <input type="checkbox"/> |
| • Stainless steel plinth, freestanding, 1000mm width   | PNC 912960 | <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"/> |
| • Insert profile d=900   | PNC 913232 | <input type="checkbox"/> |
| • Shelf fixation for TL90 two-side operated  | PNC 913284 | <input type="checkbox"/> |
| • Kit LPG nozzles for 4 burner (10 kW) on oven, gas 30/31  | PNC 913292 | <input type="checkbox"/> |

Front

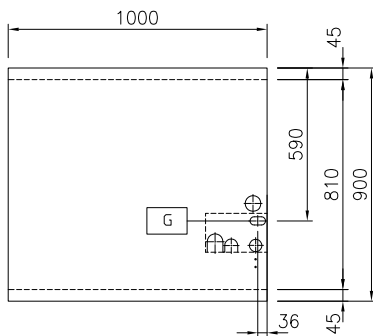


Side



EQ = Equipotential screw  
 G = Gas connection

Top



### Gas

Gas Power:	47 kW
Gas Type Option:	
Gas Inlet:	1/2"

### Key Information:

Oven working Temperature:	80 °C MIN; 300 °C MAX
Oven Cavity Dimensions (width):	683 mm
Oven Cavity Dimensions (height):	255 mm
Oven Cavity Dimensions (depth):	671 mm
External dimensions, Width:	1000 mm
External dimensions, Depth:	900 mm
External dimensions, Height:	700 mm
Net weight:	163 kg

### Configuration:

Both-Sides Operated; On Oven	
Front Burners Power:	ISO 9001; ISO 14001 - ISO 9001; ISO 14001 kW
Back Burners Power:	10 - 10 kW
Back Burners Dimension - mm	Ø 70 Ø 70
Front Burners Dimension - mm	Ø 70 Ø 70