

# SOFIA 48" PRO RANGE

SOFIA 48" PRO INDUCTION RANGE - ALL GLASS



CODE ID

F6PIR487S1



## SUMMARY DESCRIPTION

This elegantly designed 48" induction range is our first all-electric pro range alternative for those who do not have access to gas or choose to go full electric. The cooking surface features 7 powerful premium European inductors under a continuous piece of ceramic glass adding to the elegant design. Not only does this layout feature the same beloved configuration of our 36" induction range but includes a dedicated bridge element, which when put into bridge function, allows one to combine both induction zones into one large zone for use with specialty cookware or an induction-capable griddle. The instant response and precise control of the induction are ensured by the presence of professional control knobs. Below the cooking surface, two self-cleaning true convection ovens with intuitive multiple baking and broiling functions and the convenience of telescoping racks encourage you to cook the way you want.

## COLOR KIT

|  |                       |              |          |  |
|--|-----------------------|--------------|----------|--|
|  | STAINLESS STEEL       | GLOSSY WHITE | RAL 9016 |  |
|  | MATTE BLACK RAL 9004  | MATTE WHITE  | RAL 9016 |  |
|  | GLOSSY BLACK RAL 9004 | MATTE GREY   | RAL 9007 |  |
|  | GLOSSY RED RAL 3003   |              |          |  |

## SPECIFICATIONS

### COOKING SURFACE

Seven powerful premium European inductors  
4 Single Induction cooking zones  
1 Dual Max Power with Ø 11" cooking zone  
2 Bridge Zone Elements (griddle function)  
Elegant Ceramic glass surface  
Booster function for each cooking zone  
Residual heat and Power-on Indicators  
Pot Detection System  
Child Lock Function  
Automatic Heat-up

### OVEN

Dual True Convection in main oven and  
True Convection in accessory oven  
Self-cleaning oven with Multifunction baking  
Black Porcelain enamel interior  
Cool to the touch soft closing doors  
Extra-large baking cavity and viewing area  
3 Halogen lights on main oven  
2 Halogen light on accessory oven  
2 Chrome racks per oven  
1 Telescopic rack per oven  
1 Meat probe  
Total capacity 123 lt and 63,4 lt  
Total capacity 4,34 cu. ft. and 2,24 cu. ft.

### OVEN FUNCTIONS

Bake  
Broil  
Roast  
True Convection  
Warm / Proof / Dehydrate  
Meat Probe  
Self-Clean  
Sabbath Mode  
Convection Roast

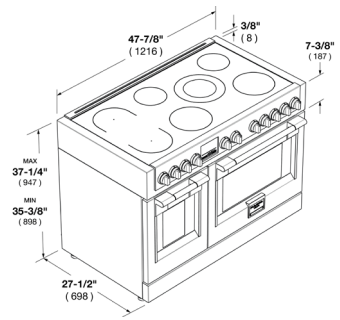
- Easy Clean Ceramic Glass
- Dual Max Power
- Bridge Zone
- Power Boost Burner
- Pan Detection system
- Residual Heat Sensor
- Dual True Convection (main oven)
- Single True Convection (accessory oven)
- Soft Closing Door
- Self Clean Oven
- 1 Telescopic Rack
- Cool Touch Door
- Digital Controls
- Meat Probe
- Fast Pre-Heat

## OPTIONAL ACCESSORIES

|              |                 |
|--------------|-----------------|
| PDRKIT48 ... | Color kit       |
| F6BG48STD    | Standard trim   |
| F6BG48HBT    | High back trim  |
| F6BG48BCI    | Island trim     |
| FMTRP30      | Telescopic rack |
| FMTRP18      | Telescopic rack |

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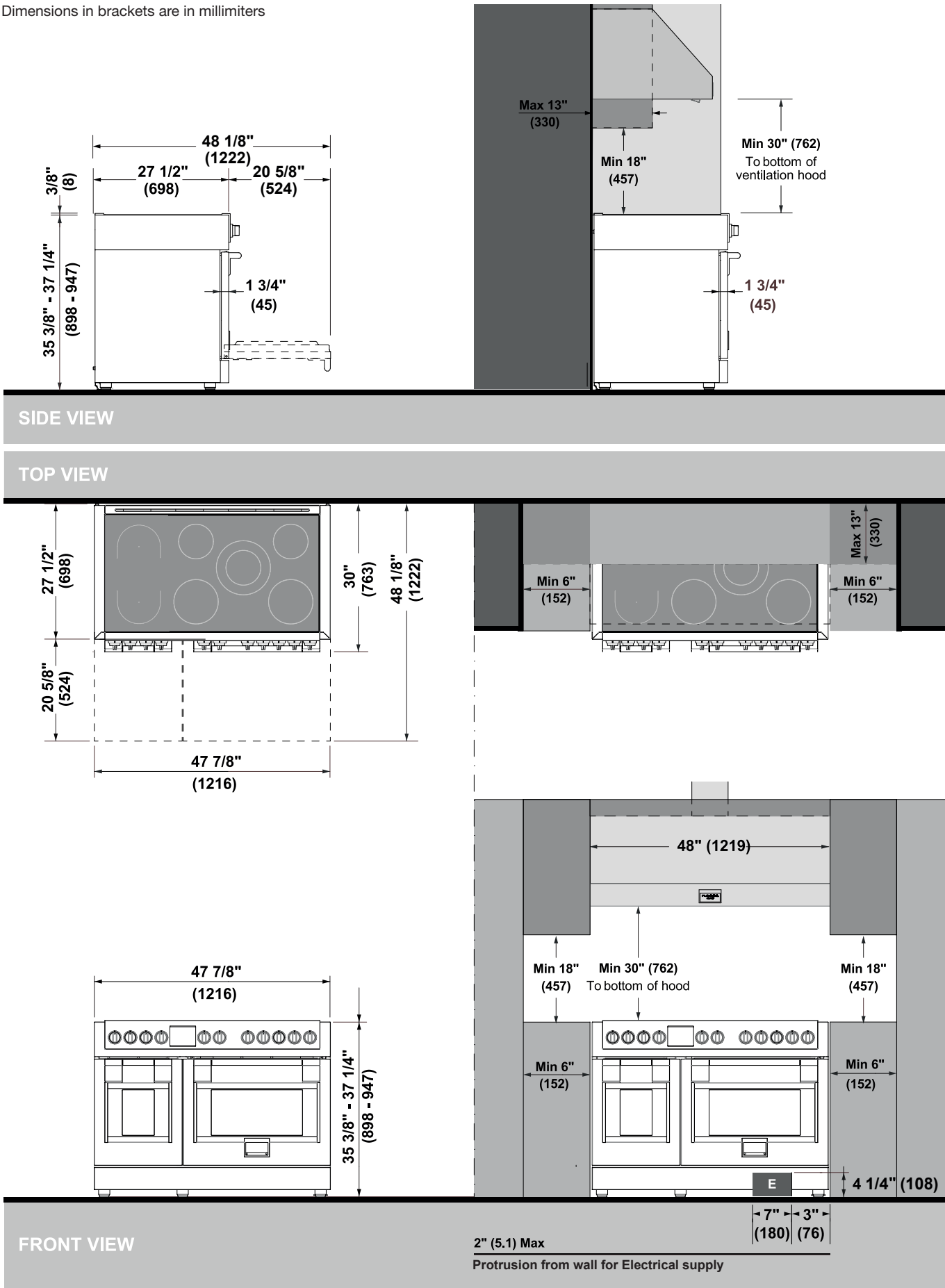
| CODE ID                                                |          |         | F6PIR487S1                                                                                                |  |                                                           |
|--------------------------------------------------------|----------|---------|-----------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------|
| Series - Stainless Steel Aesthetics                    |          |         | Sofia Full Electric 48" - Professional                                                                    |  |                                                           |
| COOKTOP                                                |          |         |                                                                                                           |  |                                                           |
| Type                                                   |          |         | Induction                                                                                                 |  |                                                           |
| Cooking Surface                                        |          |         | Ceramic Glass                                                                                             |  |                                                           |
| Knobs                                                  |          |         | 7 Knobs                                                                                                   |  |                                                           |
| Induction Special Features                             |          |         |                                                                                                           |  |                                                           |
|                                                        |          |         | Pot Detection System                                                                                      |  | Child lock function                                       |
|                                                        |          |         | Cooling fan system                                                                                        |  |                                                           |
| Power management with indication                       |          |         | Main dual burner and griddle power unaffected                                                             |  |                                                           |
| INDUCTION CONTROL FEATURES                             |          |         |                                                                                                           |  |                                                           |
| Power levels 1 to 9                                    |          |         | Simmer Function 205°F / 95°C (inside the pot 195°F / 90°C) only available on bridge or griddle left zones |  |                                                           |
|                                                        |          |         | Digital display for power level indication                                                                |  | Melting Function 113°F / 45°C inside the pot 108°F / 42°C |
|                                                        |          |         | Warming Function 158°F / 70°C inside the pot 149°F / 65°C                                                 |  | Booster/Fast boil function for each zone                  |
|                                                        |          |         | Heat up time automatic                                                                                    |  | Residual heat indication                                  |
|                                                        |          |         | Knob for power setting                                                                                    |  |                                                           |
|                                                        |          |         | 5 + 2 Bridge zone elements (griddle function)                                                             |  |                                                           |
| Front Left                                             | Power L9 | Booster | Inductor 9" (230mm)                                                                                       |  | 2300W   3700W                                             |
| Rear Left                                              | Power L9 | Booster | Inductor 7" (180mm)                                                                                       |  | 1850W   3000W                                             |
| Middle dual circuit                                    | Power L9 | Booster | Inductor 11" (280mm)                                                                                      |  | 3000W   5500W                                             |
| Middle single circuit                                  | Power L9 | Booster | Inductor 7" (180mm)                                                                                       |  | 1850W   2600W                                             |
| Front Right                                            | Power L9 | Booster | Inductor 9" (230mm)                                                                                       |  | 2300W   3700W                                             |
| Rear Right                                             | Power L9 | Booster | Inductor 7" (180mm)                                                                                       |  | 1850W   3000W                                             |
| Bridge Front + Rear Left                               | Power L9 | Booster | 2 x Inductor 7" (180mm)                                                                                   |  | 2 x 1850W   3000W                                         |
| OVEN                                                   |          |         |                                                                                                           |  |                                                           |
| Type - Oven Type - Temperature Regulation              |          |         | ELECTRIC PIRO - Various (see explanation of codes) - Electronic                                           |  |                                                           |
| Functions                                              |          |         |                                                                                                           |  |                                                           |
|                                                        |          |         | Pyrolitic Self-Clean with automatic door latch                                                            |  | True European Convection Bake (Multi level)               |
|                                                        |          |         | Convection Broil                                                                                          |  | Convection Roast                                          |
|                                                        |          |         | Pizza (Convection bake)                                                                                   |  | Bake                                                      |
|                                                        |          |         | Broil                                                                                                     |  | Dehydrate                                                 |
|                                                        |          |         | Thaw (Defrost)                                                                                            |  | Proof (Warm)                                              |
|                                                        |          |         | Keep warm (Warm Plus)                                                                                     |  | Oven Lights                                               |
|                                                        |          |         | Fast Preheat                                                                                              |  |                                                           |
| Control Panel                                          |          |         |                                                                                                           |  |                                                           |
| Control type                                           |          |         | Modular LED - Electronic                                                                                  |  |                                                           |
| Clock, Temperature, Function Display                   |          |         | LED                                                                                                       |  |                                                           |
| Commands - Language                                    |          |         | 4 Knobs / 6 Touch Keys - English                                                                          |  |                                                           |
| Electric Oven Features                                 |          |         |                                                                                                           |  |                                                           |
|                                                        |          |         | Preset/Last used temperature memory                                                                       |  | Preheat gauge (25%, 50%, 75%, 100%)                       |
|                                                        |          |         | Automatic Fast Preheat                                                                                    |  | Child Door Lock                                           |
|                                                        |          |         | Commands Lock                                                                                             |  | Sabbath mode                                              |
|                                                        |          |         | 12/24 hours clock format                                                                                  |  | °C/°F degree unit                                         |
| Oven Door(s)                                           |          |         |                                                                                                           |  |                                                           |
| Oven Glass Window                                      |          |         | Deep Embossed Window                                                                                      |  |                                                           |
| Door Cooling System                                    |          |         | 4 Pane Heat Resistant (cool touch) Glass                                                                  |  |                                                           |
| Soft closing system                                    |          |         | •                                                                                                         |  |                                                           |
| Door Hinges                                            |          |         | Heavy Duty Steady Tilt                                                                                    |  |                                                           |
| Handle style                                           |          |         | Stainless Steel Tube d30mm, metal end caps                                                                |  |                                                           |
| Oven Cavity                                            |          |         | 18" OVEN                                                                                                  |  | 30" OVEN                                                  |
| Total Capacity ( lt )                                  |          |         | 63,4                                                                                                      |  | 123                                                       |
| Total Capacity ( cu. ft. )                             |          |         | 2,24                                                                                                      |  | 4,34                                                      |
| Cavity Enameling Colour                                |          |         | Black                                                                                                     |  | Black                                                     |
| Rack Positions                                         |          |         | 6                                                                                                         |  | 6                                                         |
| Oven Lights                                            |          |         | 2x20W Halogen                                                                                             |  | 3x20W Halogen                                             |
| Heating Element                                        |          |         | Broil Upper Heating Element 2100 W (240V)                                                                 |  | Broil Upper Heating Element 3500W (240V)                  |
|                                                        |          |         | Upper Auxiliary Element Wattage 700 W (240V)                                                              |  | Upper Auxiliary Element Wattage 1032W (240V)              |
|                                                        |          |         | Concealed Bake Heating Element 1750 W (240V)                                                              |  | Concealed Bake Heating Element 3000W (240V)               |
|                                                        |          |         | Convection Element Wattage 1X2500 W (240V)                                                                |  | Convection Element Wattage 2x1300W (240V)                 |
| Oven Accessories                                       |          |         | Chromed racks (2)                                                                                         |  | Chromed racks (2)                                         |
|                                                        |          |         |                                                                                                           |  | Enameled Grill set ( basin + anti splash )                |
|                                                        |          |         | Telescopic chromed rack                                                                                   |  | Telescopic chromed rack                                   |
|                                                        |          |         |                                                                                                           |  | Meat probe                                                |
| DIMENSIONS   WEIGHTS                                   |          |         |                                                                                                           |  |                                                           |
| Overall dim - Width   Height   Depth (Included Handle) |          |         | 47 7/8" (1216mm)   35 3/8" to 37 1/4" (898 - 947mm)   30" (763mm)                                         |  |                                                           |
| Gross weight   Net weight                              |          |         | 204,4 kg - 450,6 lb   181,8 kg - 400,8 lb                                                                 |  |                                                           |
| POWER / RATINGS (208/240 V, 60 HZ)                     |          |         |                                                                                                           |  |                                                           |
| KW/Amps rating at 120-240V, 60Hz                       |          |         | 20.3 kW - 84.6 A                                                                                          |  |                                                           |
| KW/Amps rating at 120-208V, 60Hz                       |          |         | 17.6 kW - 84.6 A                                                                                          |  |                                                           |
| Cable + Plug   Cable length                            |          |         | Nema 14 - 50P   51" (1300 mm)                                                                             |  |                                                           |
| INSTRUCTIONS FOR USE                                   |          |         |                                                                                                           |  |                                                           |
| Use & Care Manual - Installation Manual                |          |         | EN, SP, FR                                                                                                |  |                                                           |

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DIMENSIONS - CUTOUT REQUIREMENTS

Dimensions in brackets are in millimeters



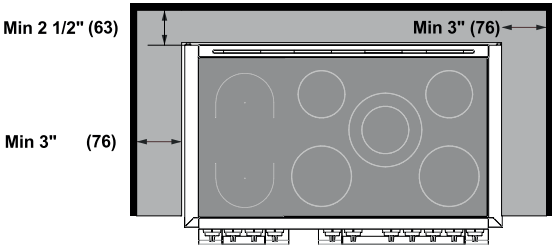
INSTALLATION REQUIREMENTS

For detailed installation specifications consult the installation requirements page or each single product installation manual.

Ensure your installation also complies with local and national building and fire codes.

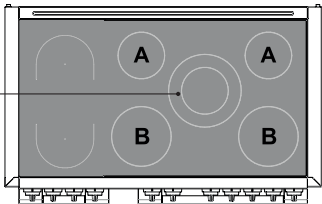
FLUSH ISLAND TRIM INSTALLATION

For island installation, maintain 2-1/2 inch minimum from cutout back edge of countertop and 3 inch minimum from cutout to side edges of countertop (see view).



| ELECTRICAL REQUIREMENTS               |                             |                  |
|---------------------------------------|-----------------------------|------------------|
| ELECTRICAL SUPPLY                     | SERVICE                     | POWER CONNECTION |
| 120/240 V - 60 Hz   20.3 kW   84.6 A* | 50 Ampere dedicated circuit | NEMA 14-50P      |
| 120/208 V - 60 Hz   17.6 kW   84.6 A* |                             |                  |

| POWER MANAGEMENT SYSTEM |                         |
|-------------------------|-------------------------|
| Power Management Area   |                         |
| A                       | Decreases by 4/5 Levels |
| B                       | Decreases by 1/2 Levels |



\*Considering all the power consuming features of this appliance; the theoretical potential cumulative power draw could exceed the required circuit breaker rating of 50 amps. We must stress that under normal expected daily usage, the probability of this ever happening is exceptionally low. Such a power draw would require that both ovens are operating and all surface elements have been set to their maximum settings simultaneously.

This model is equipped with a Fulgor Milano proprietary Power Management System that will prevent the tripping of circuit breakers in the event of an extreme power use scenario.

The system is designed so in the event that 50 amps total draw is exceeded for several minutes, it will enter into ‘POWER MANAGEMENT’ mode in which case 4 of the 5 surface induction elements of the main cooking area will be temporarily reduced in their setting in accordance to the above diagram and description: the rear inductors’ settings will be reduced by 4 or 5 levels and the front inductors will be reduced by 1 or 2 levels. The amount of reduction will be determined by the current power draw at the time the system is engaged. Additionally, any active BOOST and AUTOMATIC HEAT UP functions in this region will be turned OFF to reduce power draw.

You will note that the symbol ‘POWER MANAGEMENT’ will illuminate on the cooking surface during this time. Functionality of the ovens and of the two left-most induction elements will remain unaffected and the central double induction element will still be able to maintain a power level setting of 9.

Once the total power draw drops below 42 amps for 30 seconds, the cooktop will return to its full operational ability and previous settings will be restored automatically except for BOOST or AUTOMATIC HEAT UP which would need to be reinitiated if so desired. Again, it is highly unlikely you will ever see the Power Management system engaged during normal daily use.

Specification sheets are for planning purposes only. Always refer to installation instructions, always consult the countertop fabricator/ supplier prior to determining counter opening. Consult your HVAC engineer for your specific ventilation requirements. Always refer to installation instructions accompanying product or on available on [www.fulgor-milano.com/us/en](http://www.fulgor-milano.com/us/en) for your specific model number. Fulgor Milano retains the right to change product specifications or design without notice.