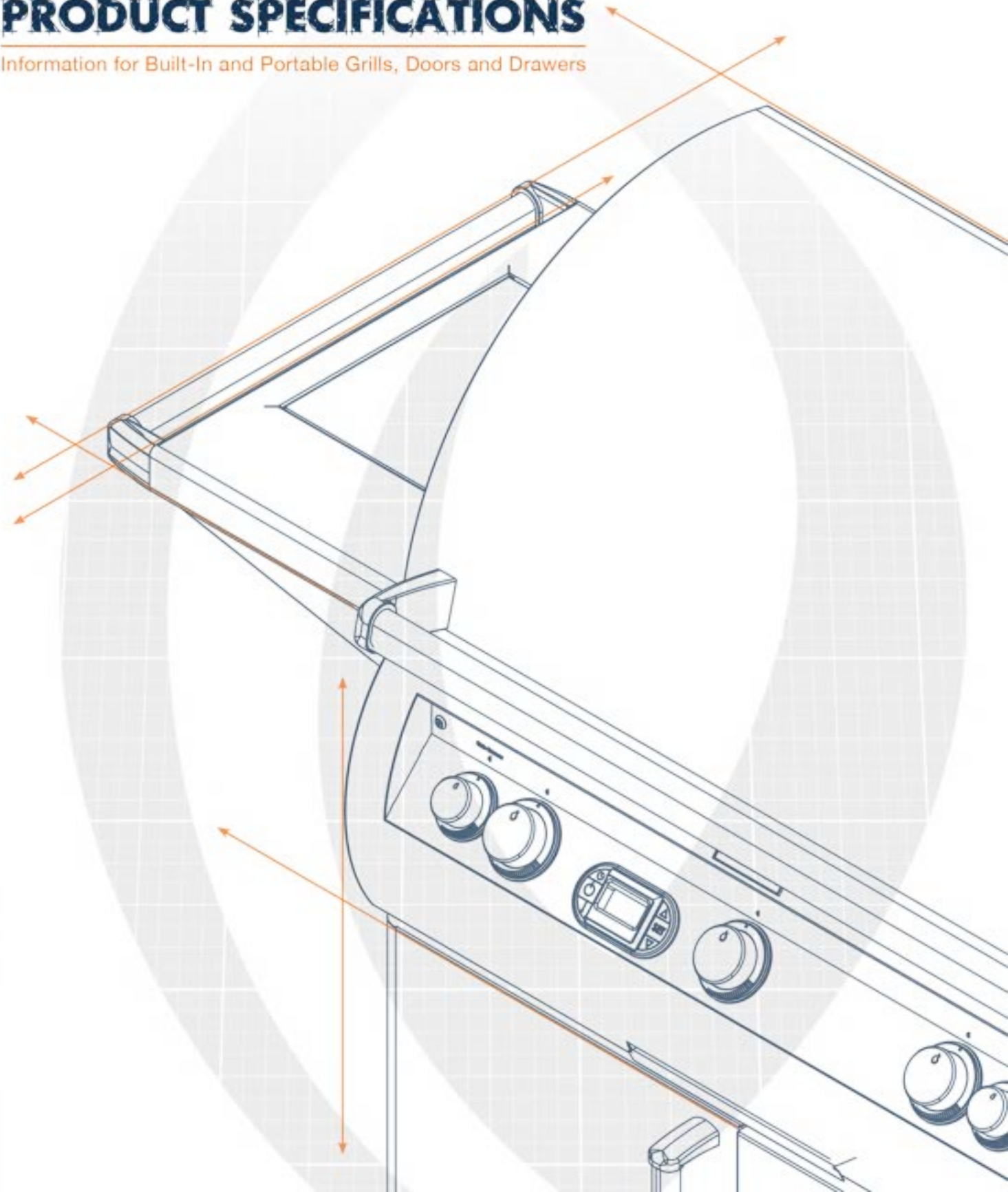




BUILT WITH PASSION.  
OWNED WITH PRIDE.

# PRODUCT SPECIFICATIONS

Information for Built-In and Portable Grills, Doors and Drawers



# FIREMAGIC BUILT-IN GRILLS, DOORS & DRAWERS

FOR ALL BUILT-IN UNITS  
Must provide proper ventilation at  
all times whether LP or NG.

12-S1 - Charcoal Built-In Grill

14-S1 - Charcoal Built-In Grill

## DIMENSIONS IN INCHES

11-S - Deluxe Built-In Grill

A830i - Gas/Charcoal Combo Grill

- A430i - Built-In Grill
- C430i - Built-In Grill

- A540i - Built-In Grill (shown)
- C540i - Built-In Grill
- C650i - Built-In Grill

- A660i - Built-In Grill
- E660i - Built-In Grill (shown)
- E660i - Built-In Gourmet Griddle

- A790i - Built-In Grill
- E790i - Built-In Grill (shown)
- H790i - Built-In Grill

FOR COUNTER-TOP OVERHANG  
A notch must be cut into the  
overhang to allow the grill  
face to sit flush with the front  
wall. Also allow clearance for  
control panel removal.

E1060i - Built-In Grill

Horizontal Single  
Access Doors  
(A)

Vertical Single  
Access Doors  
(B)

Double  
Access Doors  
(C)

Large Utility Drawer  
• 33830-SW  
• 53830-SW1 (shown)  
1/5-Series: 14 1/2" h x 32 1/4" w x 22" d

Masonry Drawer  
• 33830-S  
• 53830SC1 (shown)  
1/5-Series: 14 1/2" h x 32 1/4" w x 22" d

Single Access Door  
w/ Tank Tray & Louvers  
• 33820-TSL (TSR)  
• 53820SC-TL (TR) (shown)  
• 53820HSC-TL (TR)

Single Access Door  
with Dual Drawers  
• 33820-SL (SR)  
• 53820SC-L (LR) (shown)

Single Drawer  
• 33801  
• 53801SC (shown)

Double Drawer  
• 33802  
• 53802SC (shown)  
• 53802HSC

Triple Drawer  
• 33803  
• 53803SC (shown)

Access Door with Double  
Drawer  
• 33810S  
• 53810SC (shown)

Access Door w/ Double  
Drawer & Platter Storage  
• 53816S (shown)

Stainless Steel Box with Timer  
• 5520-11T (1-hour)  
• 5520-13T (3-hour)

## Access Doors

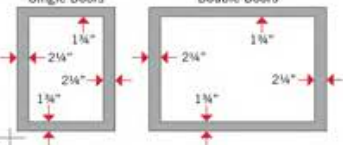
| (A) Horizontal Single Access Doors* |               |                |
|-------------------------------------|---------------|----------------|
| Model #                             | Series        | Cutout (h x w) |
| 33914-SR (SL)                       | Select        | 15" x 20 1/2"  |
| 53914SC-R (L)                       | Premium Flush | 15" x 20 1/2"  |
| 33917-SR (SL)                       | Select        | 18" x 24 1/2"  |
| 53917SC-R (L)                       | Premium Flush | 18" x 24 1/2"  |

| (B) Vertical Single Access Doors* |               |                |
|-----------------------------------|---------------|----------------|
| Model #                           | Series        | Cutout (h x w) |
| 33920-SR (SL)                     | Select        | 21" x 14 1/2"  |
| 33920-L-SR (SL)                   | Select        | 21" x 14 1/2"  |
| 53920SC-R (L)                     | Premium Flush | 21" x 14 1/2"  |
| 53920HSC-R (L)                    | Black Diamond | 21" x 14 1/2"  |
| 33924-SR (SL)                     | Select        | 25" x 17 1/2"  |
| 53924SC-R (L)                     | Premium Flush | 25" x 17 1/2"  |

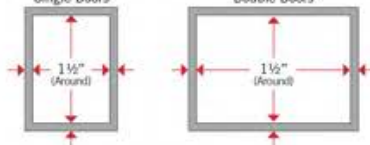
\*Available with left or right door hinge  
Vertical single access door includes louvers

| (C) Double Access Doors |               |                |
|-------------------------|---------------|----------------|
| Model #                 | Series        | Cutout (h x w) |
| 53934SC                 | Premium Flush | 15" x 30"      |
| 33930S                  | Select        | 21" x 30"      |
| 53930SC                 | Premium Flush | 21" x 30"      |
| 33938S                  | Select        | 16" x 39"      |
| 53938SC                 | Premium Flush | 16" x 39"      |
| 53938HSC                | Black Diamond | 16" x 39"      |

## Flange Overlap Dimensions / Select Doors



## Flange Overlap Dimensions / Premium Flush Doors



## OUTDOOR KITCHEN CONSIDERATIONS

- Provide ventilation in island for gas vapors to escape. Allow at least four ventilation openings (two at floor level and two 16" above floor 10 sq ft each) at opposing ends/sides
- Carefully consider grill size & accessories needed
- Combustible construction requires insulating liner
- Select Natural or Propane (LP gas)
- Determine total gas consumption for supply line size
- Access is required to gas connections and shut off valve
- Plan location of propane tank away from grill and appliances
- Always refer to the installation and operating instructions of your Fire Magic® grill and/or accessories for installation guidelines & safety warnings, before starting your project
- Always check all gas connections for leaks

## LOCATION

- Identify outdoor area where grill will be installed
- Determine the utilities needed (gas, water, electricity, drainage, etc.)
- Consider element exposure (sun, wind direction\*, weather, etc.)
- \* Wind blowing into or across the rear over lid vent can cause poor performance and/or dangerous overheating. Orient the grill so that the prevailing wind blows toward the front of the grill.

## MATERIALS

- Foundation - concrete
- Base - brick, stone, stucco, concrete
- Counter-top - tile, granite, marble, concrete



## Notes

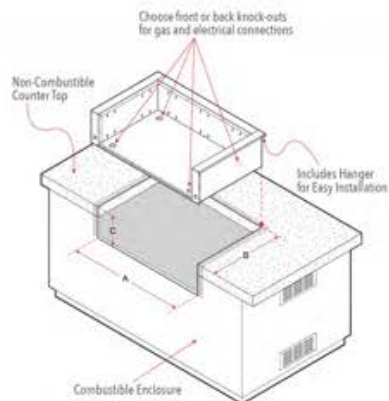
1. There is a hanger on three sides of each grill. You must allow clearance for the hanger (SEE DETAIL 1).
2. The control panel (face) of the grill is wider than the cutout width. This conceals the cutout space on the left & right hand sides.
3. Clearance of 10" on each side of the oven is recommended for unrestricted operation of lid and rotisserie and at least 3" at the rear flange for ease of maintenance and proper operation. (18" from combustible surroundings on each side and rear is required).
4. Insulating liners must be used & are available for combustible surrounds (See page 6).
5. The rotisserie motor on all models is located on the right side of the grill. Optional Reverse Brackets are available to mount rotisserie motor on opposite side. ONLY units ordered with back burner option come with rotisserie kit and brackets.

3" clearance required (on both sides) to access Master Switch & Meat Probe when using material that extends out from island surface.



## FIREMAGIC<sup>®</sup> INSTALLING IN A COMBUSTIBLE ENCLOSURE

**INSULATING LINER MUST BE USED WHEN INSTALLING IN A COMBUSTIBLE ISLAND**  
Not used on Double Side burner (3281), Single Side burner (3279-1) or Drop-In Side burner (3280) \*



### INSULATING LINER CUT-OUT DIMENSIONS (ECHELON, AURORA & CHOICE GRILLS)

| Grill Model    | Insulating Liner Part # | Opening Required Width | Opening Required Depth | Opening Required Height |
|----------------|-------------------------|------------------------|------------------------|-------------------------|
| <b>Echelon</b> |                         | (A)                    | (B)                    | (C)                     |
| E1060i         | 3185-52                 | 54 1/8"                | 26"                    | 12 1/4"                 |
| E790i          | 3186-52                 | 42"                    | 26"                    | 12 1/4"                 |
| H790i          | 3186-52                 | 42"                    | 26"                    | 12 1/4"                 |
| E660i          | 3176-52                 | 36 1/4"                | 26"                    | 12 1/4"                 |
| <b>Aurora</b>  |                         |                        |                        |                         |
| A790i          | 3186-52                 | 42"                    | 26"                    | 12 1/4"                 |
| A660i          | 3176-52                 | 36 1/4"                | 26"                    | 12 1/4"                 |
| A540i          | 23150-52                | 37"                    | 22 1/8"                | 12 1/4"                 |
| A430i          | 23130-52                | 30 3/8"                | 22 1/8"                | 12 1/4"                 |
| <b>Choice</b>  |                         |                        |                        |                         |
| C650i          | 3177-52                 | 42 1/8"                | 22 1/8"                | 12 1/4"                 |
| C540i          | 23150-52                | 37"                    | 22 1/8"                | 12 1/4"                 |
| C430i          | 23130-52                | 30 3/8"                | 22 1/8"                | 12 1/4"                 |

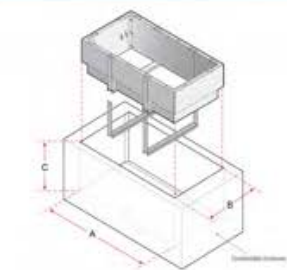
### INSULATING LINER CUT-OUT DIMENSIONS (LEGACY & ACCESSORIES)

| Product Model        | Insulating Liner Part # | Opening Required Width | Opening Required Depth | Opening Required Height |
|----------------------|-------------------------|------------------------|------------------------|-------------------------|
|                      |                         | (A)                    | (B)                    | (C)                     |
| Deluxe Grill         | 3100-51                 | 28 3/8"                | 19 3/4"                | 12 1/4"                 |
| Power Burner         | 3278-52                 | 23"                    | 20 3/8"                | 12 1/4"                 |
| Dbl. Searing Station | 3278-52                 | 23"                    | 20 3/8"                | 12 1/4"                 |
| Searing Station      | 3287-52                 | 18 1/2"                | 24 3/4"                | 12 1/4"                 |

### INSULATING LINER CUT-OUT DIMENSIONS (DROP-IN GRILLS)

| Product Model          | Insulating Liner Part # | Opening Required Width | Opening Required Depth | Opening Required Height |
|------------------------|-------------------------|------------------------|------------------------|-------------------------|
|                        |                         | (A)                    | (B)                    | (C)                     |
| Regal Gourmet Drop-In  | 3270-50                 | 44 3/8"                | 24 1/4"                | 24 3/4"                 |
| Deluxe Gourmet Drop-In | 3220-50                 | 31 3/8"                | 19 3/8"                | 19"                     |
| Deluxe Classic Drop-In | 3200-50*                | 28 1/2"                | 23 3/8"                | 14"                     |

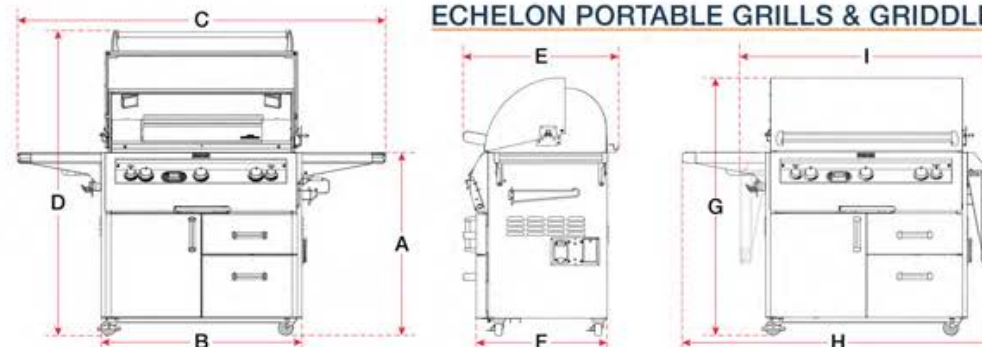
\*Insulating liner for Deluxe Classic Drop-In grill is not represented in the diagram.



The information provided is for reference only. Detailed instructions are supplied with the insulation liner, unique to the model selected. Read those instructions carefully and completely before starting installation of the liner.

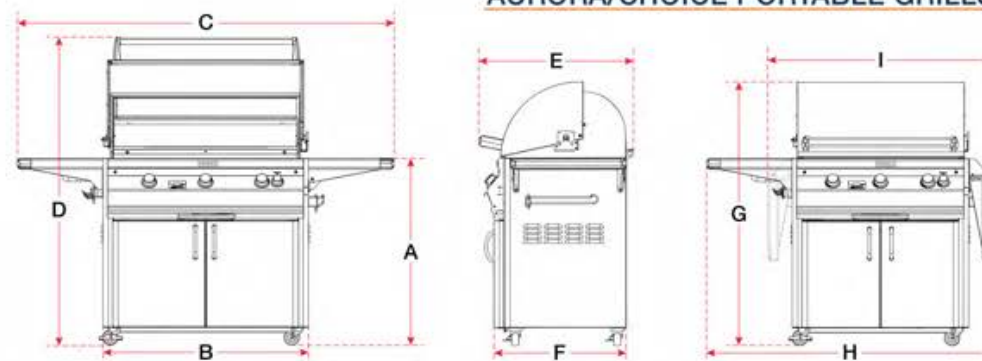
## FIREMAGIC<sup>®</sup> ECHELON, AURORA, & CHOICE PORTABLE GRILLS

### ECHELON PORTABLE GRILLS & GRIDDLE



| Model # | Series  | Top of Shelf height | Cart Base width | Shelves Up width | Oven Open height | Max Outer depth | Cart Base depth | Oven Closed height | 1-Up/1-Down width | Shelves Down width |
|---------|---------|---------------------|-----------------|------------------|------------------|-----------------|-----------------|--------------------|-------------------|--------------------|
|         |         | (A)                 | (B)             | (C)              | (D)              | (E)             | (F)             | (G)                | (H)               | (I)                |
| E1060s  | 62      | 37"                 | 53 1/8"         | 92 1/4"          | 61 1/8"          | 30 1/2"         | 26"             | 52 1/2"            | 69 3/4"           | n/a                |
| E1060s  | 51      | 37"                 | 77 3/4"         | 117"             | 61 1/8"          | 30 1/2"         | 26"             | 52 1/2"            | 96 3/4"           | n/a                |
| E790s   | 62      | 37"                 | 40"             | 79 1/4"          | 61 1/8"          | 30 1/2"         | 26"             | 52 1/2"            | 62 3/4"           | n/a                |
| E790s   | 71      | 37"                 | 58 3/4"         | 98"              | 61 1/8"          | 30 1/2"         | 26"             | 52 1/2"            | 83 3/4"           | n/a                |
| E660s   | 62      | 37"                 | 34 1/4"         | 73 1/2"          | 61 1/8"          | 30 1/2"         | 26"             | 52 1/2"            | 59"               | n/a                |
| E660s   | GRIDDLE | 37"                 | 34 1/4"         | 73 1/2"          | 38 1/2"          | 30 1/2"         | 26"             | 39"                | 59"               | 44 1/4"            |

### AURORA/CHOICE PORTABLE GRILLS



| Grill Model # | Series | Top of Shelf height | Cart Base width | Shelves Up width | Oven Open height | Max Outer depth | Cart Base depth | Oven Closed height | 1-Up/1-Down width | Shelves Down width |
|---------------|--------|---------------------|-----------------|------------------|------------------|-----------------|-----------------|--------------------|-------------------|--------------------|
|               |        | (A)                 | (B)             | (C)              | (D)              | (E)             | (F)             | (G)                | (H)               | (I)                |
| A660s         | 61/62  | 37"                 | 31 1/8"         | 61 1/4"          | 60 3/8"          | 30 1/8"         | 26"             | 52"                | 51 1/2"           | 40 1/8"            |
| A540s         | 61/62  | 37"                 | 32 1/8"         | 62 1/4"          | 57 1/4"          | 26"             | 21 1/8"         | 50"                | 52"               | 41 1/8"            |
| A430s         | 61/62  | 37"                 | 28"             | 55 3/8"          | 57 1/4"          | 26"             | 21 1/8"         | 50"                | 45 1/2"           | 35 1/4"            |
| A830s         | 61     | 37"                 | 50 3/8"         | 80 3/8"          | 57 1/4"          | 28 3/8"         | 21 1/8"         | 50"                | 70 3/4"           | 61 1/4"            |

\* Measurement includes crank.

## VENT HOODS

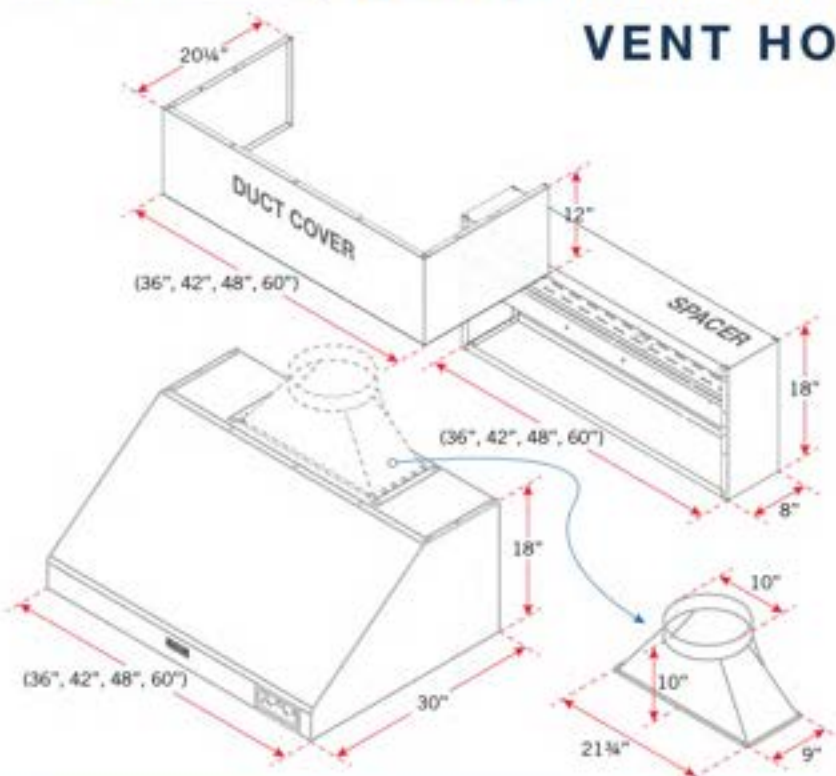
### MODELS AVAILABLE

| VENT HOODS     | SIZE | DUCT COVERS* | SPACERS*   |
|----------------|------|--------------|------------|
| <b>36-VH-7</b> | 36"  | 36-VH-7-DC   | 36-VH-7-02 |
| <b>42-VH-7</b> | 42"  | 42-VH-7-DC   | 42-VH-7-02 |
| <b>48-VH-7</b> | 48"  | 48-VH-7-DC   | 48-VH-7-02 |
| <b>60-VH-7</b> | 60"  | 60-VH-7-DC   | 60-VH-7-02 |

\* Duct Covers and Spacers must be used together.

### SPECIFICATIONS

|                                                    |                                               |
|----------------------------------------------------|-----------------------------------------------|
| <b>Electrical Requirements</b>                     | 120VAC / 15 AMP minimum / 60 Hz / GFCI outlet |
| <b>Convertible Fans</b><br>(top-vent or rear-vent) | 120 volts, 1200 CFM High Pressure Output      |
| <b>Power Consumption</b>                           | 1,010 watts                                   |
| <b>Halogen Lights Rating</b>                       | 120V / 50 watt halogen light bulb             |



## Fire Magic® Outdoor Grill Warranty Highlights

### Lifetime Warranty

CAST STAINLESS STEEL BURNERS, CHOICE STAINLESS STEEL U-SHAPED BURNERS, DIAMOND SEAR & STAINLESS STEEL ROD COOKING GRIDS, AND STAINLESS STEEL HOUSINGS ARE WARRANTED FOR AS LONG AS YOU OWN YOUR FIRE MAGIC® GRILL.

### Fifteen (15) Year Warranty

BRASS VALVES, INNER LINERS, MANIFOLD ASSEMBLIES, PORCELAIN HOUSINGS (INCLUDING OVENS AND BARBECUE FACES), AND BACKBURNER ASSEMBLIES (EXCEPT IGNITION PARTS).

### Ten (10) Year Warranty

ELECTRIC GRILLS, INCLUDING STAINLESS STEEL COOKING GRIDS, AND HOUSINGS. BUILT-IN GRIDDLES (EXCEPT IGNITION SYSTEM) ARE WARRANTED FOR TEN YEARS.

### Five (5) Year Warranty

FLAVOR GRIDS, INFRARED BURNERS IN THE GRILL, CHARCOAL STAINLESS STEEL GRILLS AND SMOKERS (EXCEPT FOR THE CHARCOAL PAN, CHARCOAL GRID, WOOD PELLET SCREEN, THERMOMETER AND ASH TRAY; WHICH ARE WARRANTED FOR ONE (1) YEAR).

### Three (3) Year Warranty

SIDE BURNERS AND ALL OTHER FIRE MAGIC® GRILL COMPONENTS (EXCEPT IGNITION SYSTEMS AND ELECTRICAL PARTS).

### One (1) Year Warranty

IGNITION SYSTEMS (EXCEPT BATTERIES), ELECTRONIC COMPONENTS (INCLUDING LIGHTS AND THERMOMETERS), AND GRILL ACCESSORIES.

FIRE MAGIC® RESERVES THE RIGHT TO AMEND PRODUCT SPECIFICATIONS WITHOUT PRIOR NOTICE.

The information provided in this document is for reference purposes only. Detailed instructions & specifications unique to the product purchased can be found in the Owner's Manual. Read those instructions carefully and completely before attempting installation of any Fire Magic® Outdoor Grill product.

# FIREMAGIC®