

CLEAN DOESN'T MEAN COMPROMISE





# Rumford 1000

The Renaissance Rumford® 1000 is the ideal wood-burning fireplace. Its patented design delights the senses with the sound of crackling wood, heat from its flame and visually offering the perfect focal point for any room. When the glass door is closed, there is no heat loss up the chimney, making it more efficient than a conventional masonry fireplace.







# Rumford 1500

The Renaissance Rumford® 1500 is the largest of our patented fireplace designs. It is the ultimate in size and performance with a firebox large enough to fill any room with light and heat.





## Linear 50 Split Pane

Taking its name from the finely crafted glass view which is set inside a three inch deep lintel, the 47" glass of the Linear Split Pane is divided into three panes. There is a fixed panel on either side of the centrally located door which opens discreetly on a hidden hinge.

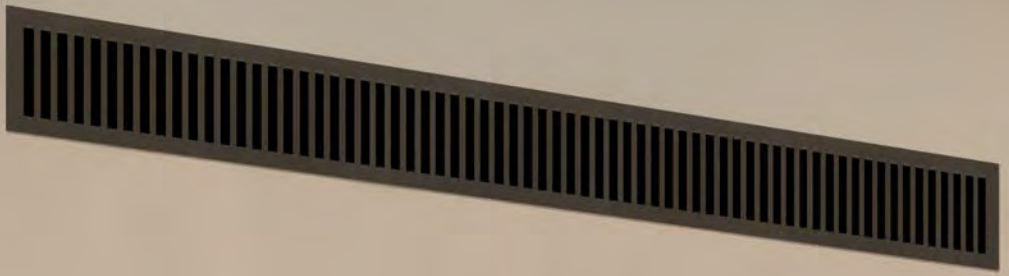
Normally a fireplace with a viewing area this large requires a 10" chimney, but the Linear 50 SP has a hidden secret – it requires a chimney 36% smaller. The clever door design offers a solution to the quintessential problem of big fireplaces requiring big chimneys in order to work well.



# Linear 50

Contemporary wood-burning at its finest. At 50" wide, the wall-to-wall fire of the L50 is an experience unlike any other. As with all Renaissance Fireplaces, the door and screen open with an elegant guillotine system. The L50 includes a Heat Recovery System (HRS) to distribute heat throughout the home using ducts.







# Heat Recovery System (HRS)

## Linear 50 and Linear 50 SP Grills

### Rectangular Grills



Two 13 1/2" x 8 3/8" inlet and two 13 1/2" x 6" outlet grills are provided with each unit.

### Options:

#### Square Grills for an 8' Ceiling



These 13" grills are required for installation in a room with a ceiling between 8' and 9' high. They replace the rectangular hot air outlet grills provided with the Linear Fireplaces.

#### Long Linear Grills



These Intake or Outlet grills (52 1/2" x 6") are front-facing and replace the rectangular grills provided with the Linear 50 and the Linear 50 SP.

# The problem with other wood burning systems



## Conventional Masonry Fireplaces

### Heat Loss

The constant flow of warm room air up the chimney can actually cool the home rather than heat it.

### Expensive

Not only is fireplace work expensive, but the architecture must be able to support the weight.

### High Emissions

They still burn as dirty as they did centuries ago, with emissions up to 60 g/hr.

## Zero Clearance Fireplaces

### Durability

Thin materials are used to reduce production cost.

### Air Cooled Chimney

Air cooled chimneys are inefficient because they allow cold air into the envelope of the home.

### High Emissions

With virtually no improvement in emissions, they burn as dirty as an open fire.

## Freestanding Wood Stoves

### Small Fire

Even the largest wood stoves have a relatively small viewing space for the fire.

### Limited Ambiance

Without hearing the crackle and pop of the fire, much of the ambiance of wood-burning is lost.

### Limited Design Choices

Despite a choice of colors and sizes, wood stoves limit the room's design options.

# Renaissance Fireplaces® is the solution to wood-burning problems



## Sealed Door

Your Renaissance door seals warm air inside the home where it belongs.

## Less expensive than masonry

With no footing required to support the fireplace, pre-assembled units cost less and install easily.

## Clean Burning

Winner of a U.S. EPA Clean Air Excellence Award for outstanding, innovative efforts in improving air quality.



## Installation Ease

Even though the smallest Renaissance model is over 800 lbs of solid steel, it is still light enough to not require additional floor support.

## Insulated Chimney

Prevents cold air from entering the home and improves appliance performance.

## Massive Fire

No other fireplace burns as big, bright and beautiful as a Renaissance Fireplace®.

## Creates Ambiance

Listen to the crackle and pop of the fire when the built-in screen is closed.

## Freedom of Design

Our fireplaces are a blank canvas which you can adapt to your personal style.



Chimney  
Top Damper  
(RCTD)

## Preventing Heat Loss

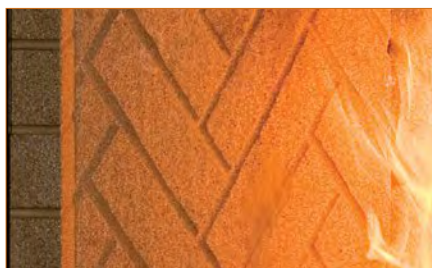
Preventing heat loss from your home is just as important as heating it.

Renaissance Fireplaces® is certified exclusively for use with Model RIS chimneys. RIS chimneys are made of laser-welded stainless steel enveloped in blanket insulation. They are built to withstand multiple chimney fires while keeping cold air out and improving draft.

Our optional Chimney Top Damper completely seals off the top of the chimney making it ideal for Passive homes.

# No other fireplace has this technology

## State-of-the-Art Materials



Every material has been specially selected to make the fire burn taller, brighter, hotter and cleaner.

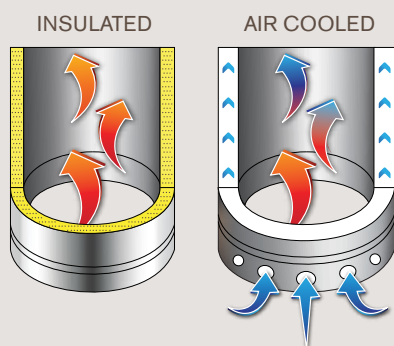
**Specialty firebox liners** are available in two different materials. The Refractory Bricks come in a running bond pattern and are built to last a lifetime. The Vermiculite Panels\* come in a herringbone pattern and are designed for high performance. Vermiculite Panels offer increased efficiency, over time, cracks and visible wear are normal.



**Ceramic glass** transmits more heat than tempered glass and is able to withstand drastic temperature changes. It also has a rich brown hue, unlike the greenish hue of tempered glass.

**Blanket insulation** is the ultimate in protection and efficiency. The fireplaces are wrapped in layers of blanket insulation, which makes them safer and increases efficiency by preventing heat loss.

## Chimney: the Engine that Drives the Fireplace



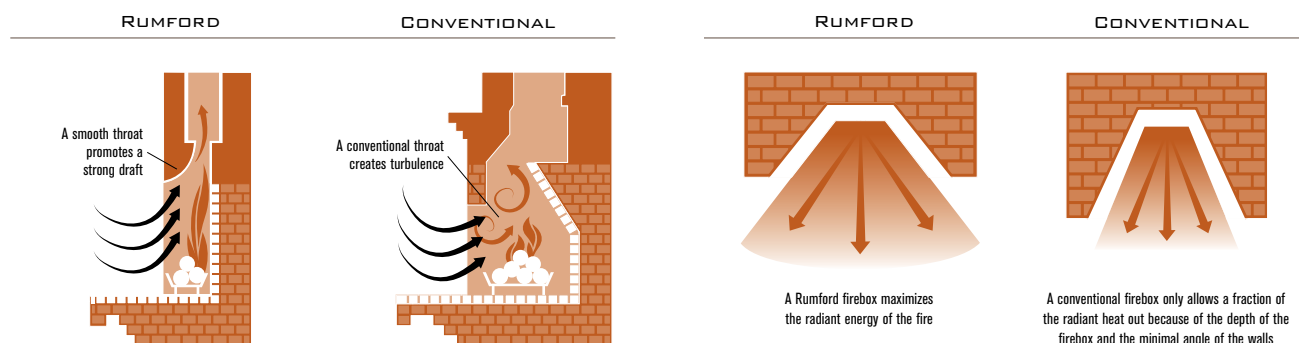
Most fireplaces use air cooled chimneys which circulate cold air past the inner flue to reduce the temperature. A cold flue makes establishing a draft difficult and increases the formation of creosote in cold weather.

**Renaissance Fireplaces®** is certified exclusively for use with Model RIS chimneys. They are heavy duty insulated chimney made with high temperature insulation and superior stainless steel. They warm up faster, draw better and accumulate less creosote than air cooled chimneys.

# So no other fireplace burns like it

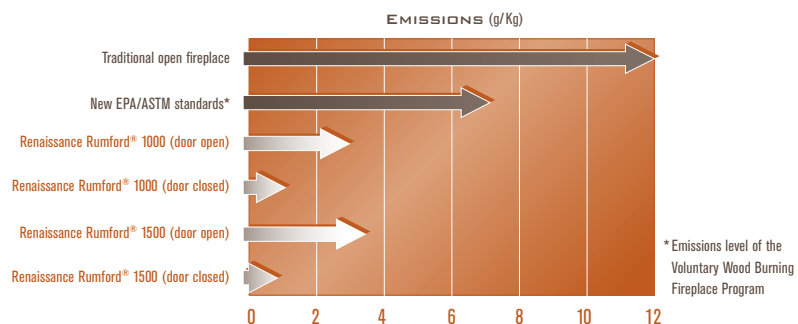
## The Rumford Fireplace Advantage\*

The Rumford shape is known to many as the most efficient of all firebox designs. We have taken this renowned design to the next level by combining it with high tech materials and modern fabrication techniques. The end product delivers breathtaking fires and a greener planet.



## Being Environmentally Responsible

The Renaissance Rumford® 1000 was the first (and only) fireplace ever to win an award from the United States Environmental Protection Agency (EPA). The Clean Air Excellence Award recognizes only the products and companies that engage in outstanding, innovative efforts to improve air quality.



# Guillotine Door and Screen

Renaissance doors and screens lift upwards, disappearing into the facing above the fireplace. This provides a clear view of the fire that is free of mechanical parts.

Top quality hardware, detailed engineering and precision laser fabrication enable you to adjust the way your fireplace burns.

When the door is closed, outside air is used for combustion. This prevents heat loss and conserves the efficiency of your home. Having the door closed is the safest way to enjoy a fire and with its side swinging feature, it opens outward for easy cleaning.



INSERT THE HANDLE



PUSH DOWN TO CLOSE



BURN SAFELY, WITHOUT HEAT LOSS

If you enjoy hearing the crackle and pop of the fire, simply close the built-in firescreen. The firescreen doesn't block the view of the fire, but prevents embers from escaping. When the screen and door are closed simultaneously, the screen acts as a safety barrier for children and pets.



HOLD THE SCREEN HANDLES



PULL THE SCREEN DOWNWARDS

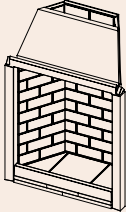
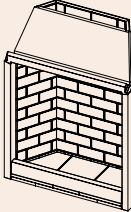
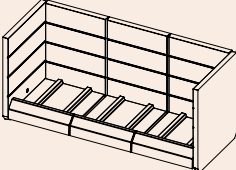
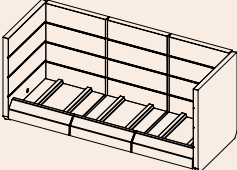
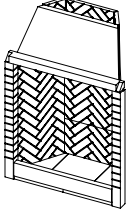
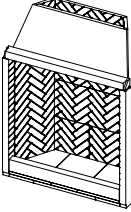


ENJOY A CRACKLING FIRE

# How it Works

- 1 Classic Rumford firebox proportions: the most efficient of all firebox designs\*
- 2 Guillotine Door and Screen
- 3 The smooth Rumford throat achieves better performance\*
- 4 Blanket Insulation is the ultimate in protection and efficiency
- 5 Specialty Refractory Panels create hotter fires and lower emissions.



|                                                                                                   | Rumford 1000B                                                                                                                                                                                         | Rumford 1500B                                                                                                                                                                                          | Linear 50                                                                                                                                                     | Linear 50 SP                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Outside Dimensions                                                                                | 51"W x 80 1/4"H x 28 1/4"D                                                                                                                                                                            | 59 1/8"W x 87 3/4"H x 32 1/2"D<br>on a combustible floor H = 93"                                                                                                                                       | 70 3/8"W x 66 3/8"H x 28 3/4"D                                                                                                                                | 58 1/4"W x 63 3/4"H x 24 1/8"D                                                                                                                                |
| Shipping Weight                                                                                   | 720 lbs                                                                                                                                                                                               | 1,085 lbs                                                                                                                                                                                              | 1,130 lbs                                                                                                                                                     | 930 lbs                                                                                                                                                       |
| Shipping Crate Size                                                                               | 56"W x 78 3/4"H x 31 1/4"D                                                                                                                                                                            | 66 1/2"W x 81 3/4"H x 36 1/4"D                                                                                                                                                                         | 70 1/4"W x 69 1/2"H x 32 1/2"D                                                                                                                                | 72"W x 69"H x 33"D                                                                                                                                            |
| Door                                                                                              | Counterweighted Guillotine Operation                                                                                                                                                                  |                                                                                                                                                                                                        |                                                                                                                                                               | Hinge System                                                                                                                                                  |
| Screen                                                                                            | Counterweighted Guillotine Operation                                                                                                                                                                  |                                                                                                                                                                                                        |                                                                                                                                                               | N/A                                                                                                                                                           |
| Door Opening Size                                                                                 | 34"W x 37"H                                                                                                                                                                                           | 42 3/4"W x 42"H                                                                                                                                                                                        | 50 7/16"W x 19 7/8"H                                                                                                                                          | 24" x 15.5"                                                                                                                                                   |
| Glass Viewing Size                                                                                | 29 1/2"W x 31 1/2"H                                                                                                                                                                                   | 37 1/4"W x 36 1/2"H                                                                                                                                                                                    | 45 7/8"W x 15 3/8"H                                                                                                                                           | 47"W x 14 3/8"H                                                                                                                                               |
| Firebox Dimensions                                                                                | 27 1/2"W front 13 1/2"W back<br>12 3/4" deep                                                                                                                                                          | 35 1/2" W front 21 3/4"W back<br>13" deep                                                                                                                                                              | 44 1/2"W x 14"D                                                                                                                                               | 44 1/2"W x 14"D                                                                                                                                               |
| Chimney Size                                                                                      | 10" RIS                                                                                                                                                                                               | 12" RIS                                                                                                                                                                                                | 10" RIS                                                                                                                                                       | 10" RIS or 8" EXCEL                                                                                                                                           |
| Minimum Chimney Height                                                                            | 12' (more with elbows)                                                                                                                                                                                | 12' (more with elbows)                                                                                                                                                                                 | 12' (more with elbows)                                                                                                                                        | 12' or 18'                                                                                                                                                    |
| Touch up Paint Color                                                                              | Stove Bright Metallic Black                                                                                                                                                                           |                                                                                                                                                                                                        |                                                                                                                                                               |                                                                                                                                                               |
| Maximum Fuel Load                                                                                 | 3-4 medium logs                                                                                                                                                                                       | 4 medium logs                                                                                                                                                                                          | 4-5 medium logs                                                                                                                                               | 3 medium logs (6")                                                                                                                                            |
| Maximum Log Length                                                                                | 20"                                                                                                                                                                                                   | 22"                                                                                                                                                                                                    | 24"                                                                                                                                                           | 24"                                                                                                                                                           |
| Gas Log Provision <sup>1</sup>                                                                    | Yes (70,000 BTU max)                                                                                                                                                                                  | Yes (100,000 BTU max)                                                                                                                                                                                  | Yes (70,000 BTU max)                                                                                                                                          | No                                                                                                                                                            |
| HRS<br>(Heat Recovery System)                                                                     | N/A                                                                                                                                                                                                   | N/A                                                                                                                                                                                                    | Included with fireplace:<br>Two 10" dia. outlet ducts – 5' length<br>Two 10" dia. intake ducts – 5' length                                                    | Included with fireplace:<br>Two 10" dia. outlet ducts – 5' length<br>Two 10" dia. inlet ducts – 5' length                                                     |
| HRS Grills                                                                                        | N/A                                                                                                                                                                                                   | N/A                                                                                                                                                                                                    | See page 11 for details.                                                                                                                                      | See page 11 for details.                                                                                                                                      |
| Options                                                                                           |                                                                                                                                                                                                       |                                                                                                                                                                                                        |                                                                                                                                                               |                                                                                                                                                               |
| HRS extensions                                                                                    | N/A<br>N/A                                                                                                                                                                                            | N/A<br>N/A                                                                                                                                                                                             | EO-DUCT = 5' outlet extension<br>EO-CID = 5' intake extension                                                                                                 | EO-DUCT = 5' outlet extension<br>EO-CID = 5' intake extension                                                                                                 |
| HRS Grills                                                                                        | N/A<br>N/A<br>N/A                                                                                                                                                                                     | N/A<br>N/A<br>N/A                                                                                                                                                                                      | EO-LLG-IN (Long linear intake grills): 52 1/2" x 6"<br>EO-LLG-OUT (Long linear outlet grills): 52 1/2" x 6"<br>EO-SG (Wall grills for 8' ceilings): 13" x 13" | EO-LLG-IN (Long linear intake grills): 52 1/2" x 6"<br>EO-LLG-OUT (Long linear outlet grills): 52 1/2" x 6"<br>EO-SG (Wall grills for 8' ceilings): 13" x 13" |
| Outside Air Kit                                                                                   | FO-INT                                                                                                                                                                                                | FO-INT                                                                                                                                                                                                 | FO-INT                                                                                                                                                        | FO-INT                                                                                                                                                        |
| Refractory Brick<br><br>Durable high temperature refractory reinforced with stainless steel pins. |                                                                                                                    |                                                                                                                     | <br>Included with fireplace                                               | <br>Included with fireplace                                              |
| Vermiculite Panels<br><br>High performance panels. Cracks and wear are more likely.               |                                                                                                                    |                                                                                                                     | Not available                                                                                                                                                 | Not available                                                                                                                                                 |
| Clearance to Combustible Materials                                                                |                                                                                                                                                                                                       |                                                                                                                                                                                                        |                                                                                                                                                               |                                                                                                                                                               |
| Back                                                                                              | 0"                                                                                                                                                                                                    | 0"                                                                                                                                                                                                     | 0"                                                                                                                                                            | 0"                                                                                                                                                            |
| Sides                                                                                             | 0"                                                                                                                                                                                                    | 0"                                                                                                                                                                                                     | 0"                                                                                                                                                            | 0"                                                                                                                                                            |
| Floor                                                                                             | 0"                                                                                                                                                                                                    | 0"                                                                                                                                                                                                     | 0"                                                                                                                                                            | 0"                                                                                                                                                            |
| Hearth Requirements                                                                               | 45"W x 24"D<br>0.54 R-value                                                                                                                                                                           | 67"W x 24"D<br>2.2 R-value                                                                                                                                                                             | 74 1/2"W x 20"D<br>Ember protection only                                                                                                                      | 74 1/2"W x 20"D<br>Ember protection only                                                                                                                      |
| Certification                                                                                     |                                                                                                                                                                                                       |                                                                                                                                                                                                        |                                                                                                                                                               |                                                                                                                                                               |
| Safety                                                                                            | ULC S-610 / UL127                                                                                                                                                                                     |                                                                                                                                                                                                        |                                                                                                                                                               |                                                                                                                                                               |
| Patents                                                                                           | U.S. Patent No. 8,479,723<br>Canadian Patent Pending                                                                                                                                                  | U.S. Patent No. 8,479,723<br>Canadian Patent Pending                                                                                                                                                   |                                                                                                                                                               |                                                                                                                                                               |
| Emissions                                                                                         | Surpasses emissions of the EPA Voluntary Wood Burning Fireplace Program.<br><br>Defined as a fireplace by the 2015 particulate emissions standards.<br><br>Door Open 3.0 g/kg<br>Door Closed 1.0 g/kg | Surpasses emissions of the EPA Voluntary Wood Burning Fireplace Program.<br><br>Defined as a fireplace by the 2015 particulate emissions standards.<br><br>Door Open 3.4 g/kg<br>Door Closed 0.68 g/kg | Defined as a fireplace by the 2015 NSPS particulate emissions standards.                                                                                      | Defined as a fireplace by the 2015 NSPS particulate emissions standards.                                                                                      |

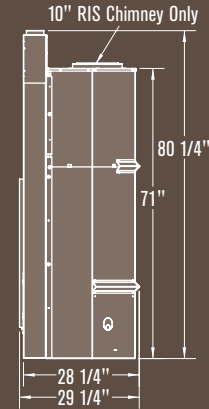
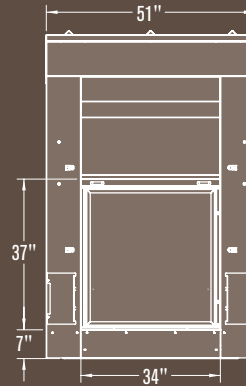
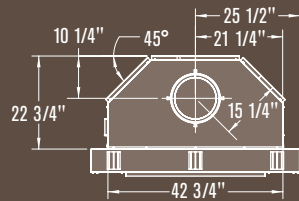
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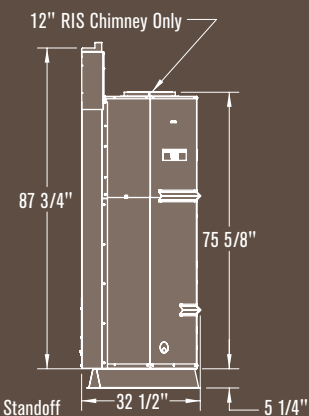
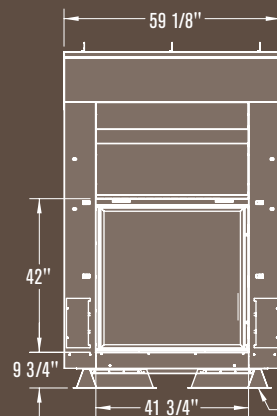
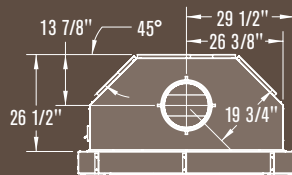
Note 1: These fireplaces may be drilled out to accept an after-market gas log assembly.  
You may not install a gas lighter in any Renaissance fireplace because the high firebox temperatures will burn out the log lighter very quickly.

# Fireplace Specifications

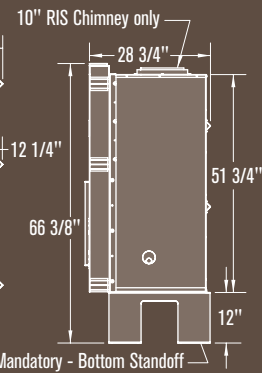
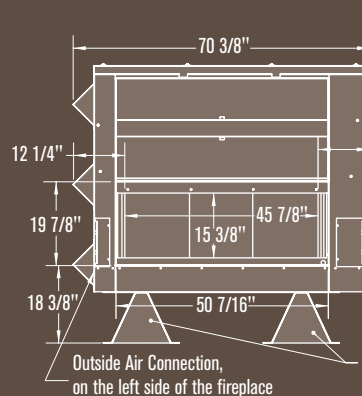
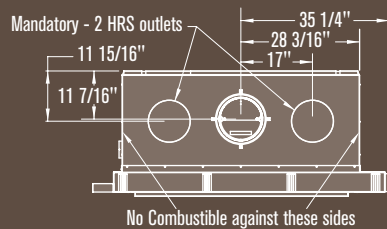
## ▼ Rumford 1000B



## ▼ Rumford 1500B

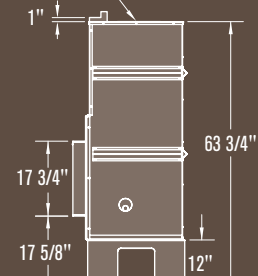
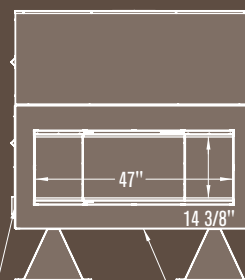
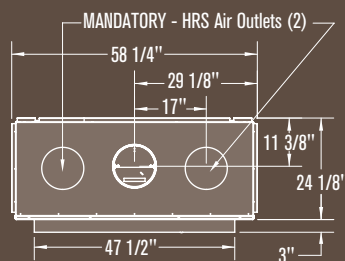


## ▼ Linear 50



## ▼ Linear 50 SP

10" RIS Chimney or 8" EXCEL Chimney with appropriate chimney coupling and chimney height



Outside Air Connection, on the left side of the fireplace

MANDATORY - HRS Air Intakes (2), below fireplace

All Renaissance Fireplaces®  
are covered by a comprehensive  
30 year warranty

RENAISSANCE FIREPLACES®, A DIVISION OF  
INDUSTRIAL CHIMNEY COMPANY

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PLEASE VISIT OUR WEBSITE FOR MORE INFORMATION  
[WWW.RENAISSANCEFIREPLACES.COM](http://WWW.RENAISSANCEFIREPLACES.COM)



RR-CAT\_2018\_11



CLEAN DOESN'T MEAN COMPROMISE