

The 5-Run Masonry Heater is a symmetric top-venting design that allows for many variations.

Masonry Heaters are typically built in a double-skin construction. There is a refractory core that addresses many of the technical functions of the heater and a facing which serves as an aesthetic wrap and also provides mass for the unit to act as a thermal battery.

Operating at above 80% overall efficiency and emitting 1-2 g/Kg of particulate, a masonry heater is amongst the cleanest burning and most efficient ways to heat a home with wood.



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MASONRY HEATERS • WOOD-FIRED OVENS

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## 5-Run Masonry Heater with Oven (5R0) Design Overview

Last Modified: December 19, 2025

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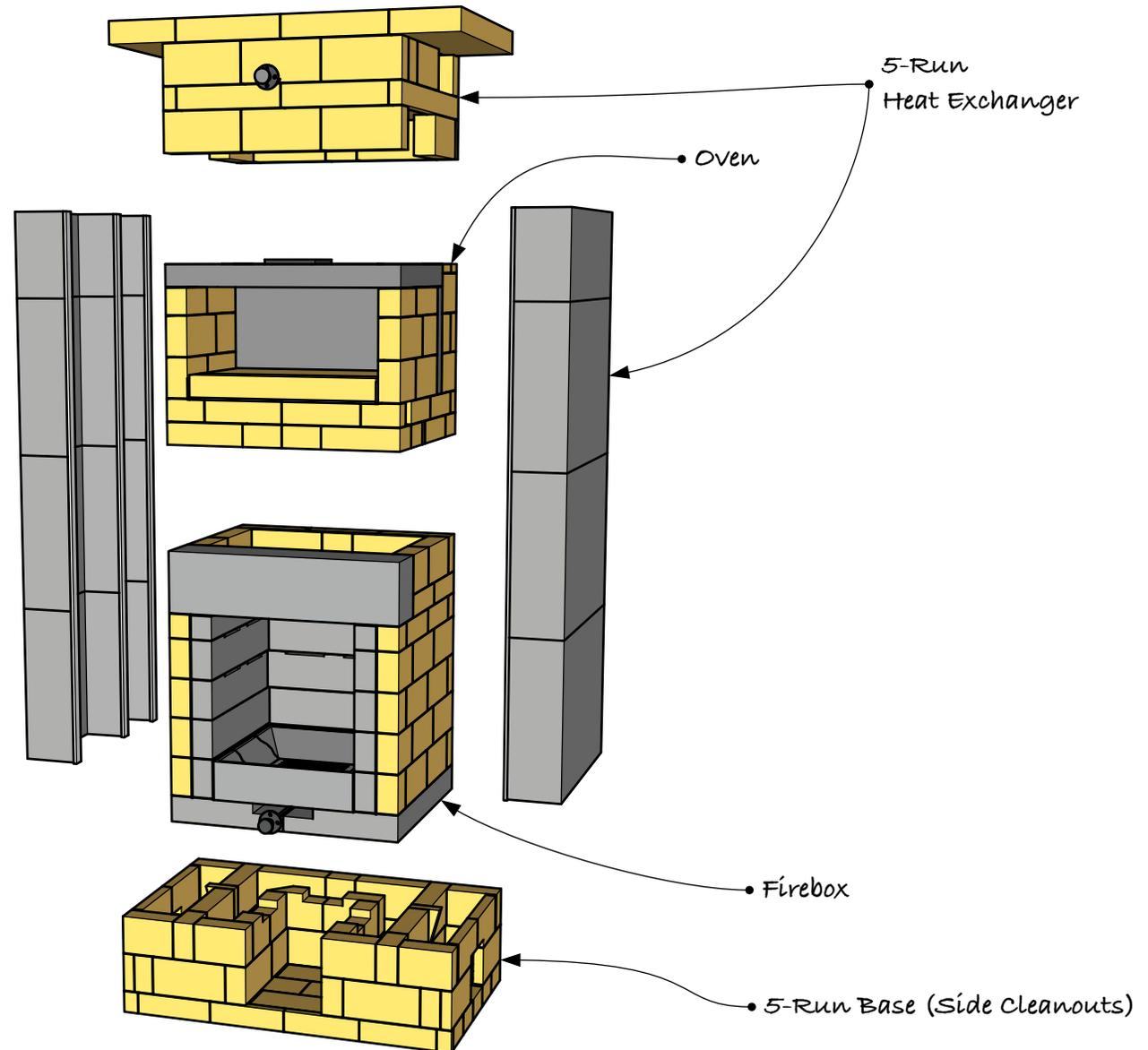
## Modules

This drawing shows the 5-Run custom masonry heater design as a series of individual modules including:

- the base (variations for additional heated bench sides)
- the firebox; a standardized design featuring EcoFirebox design
- the oven (optional)
- the heat exchanger module - in this case the 5-Run configuration which provides for a symmetric top-vented heater.

This modular approach allows for a unified design methodology for a wide variety of heater types. Individual modules can be varied while the rest of the design stays standard, especially the firebox.

We supply all of the specialty parts that you need to build a masonry heater. For our core kits, we deliver all of the castable refractory components, hardware, and casketing that you will need on one pallet delivered to your door. You can pick up your firebrick and facing materials at a local masonry yard. This allows for efficient materials gathering and accurate estimating for your project.



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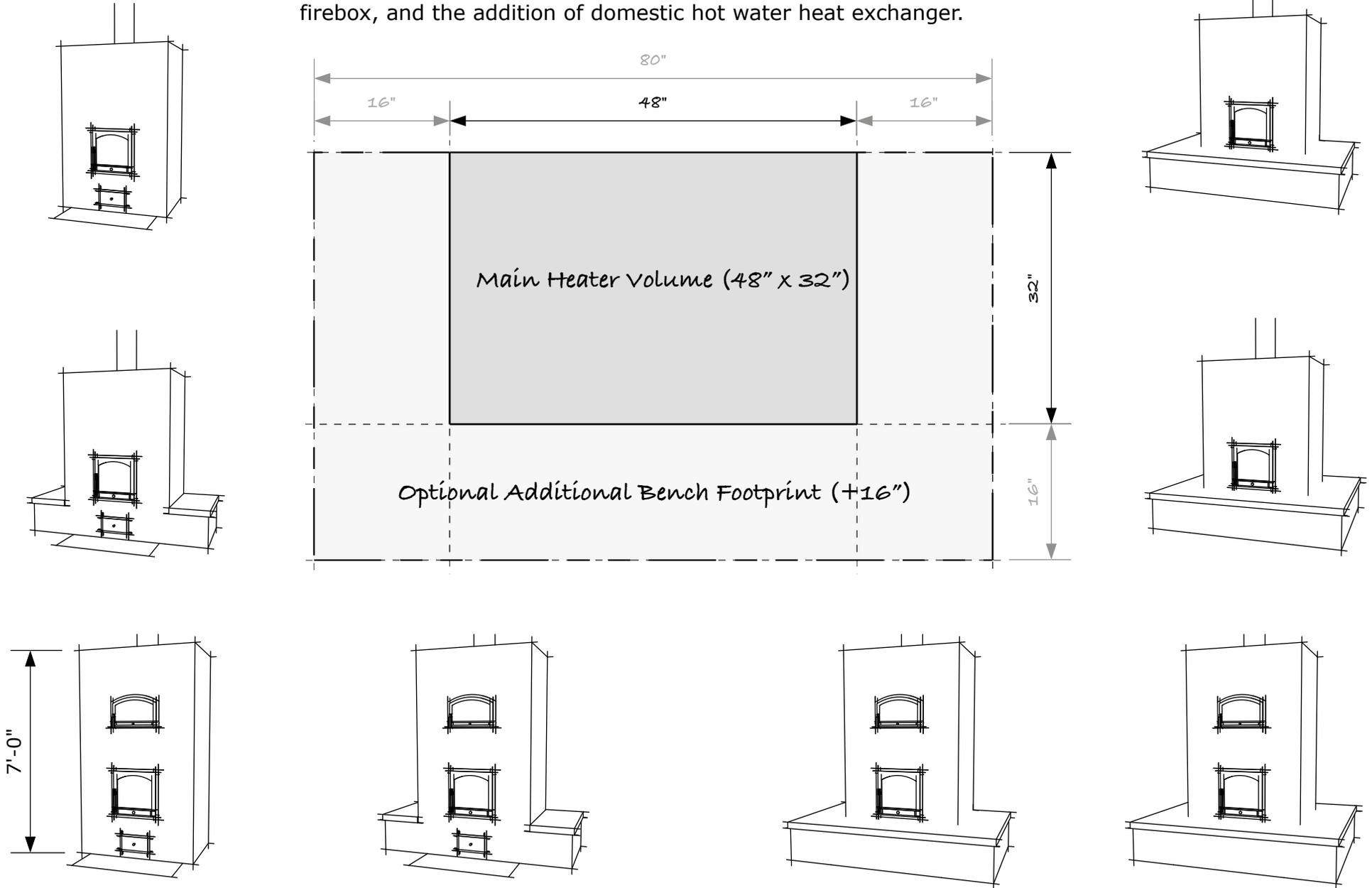
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## 5-Run Masonry Heater with Oven (5R0) Core Components & Modules

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The design allows for many variations including options to include heated and unheated benches, an oven facing the same way or opposite to the firebox, and the addition of domestic hot water heat exchanger.



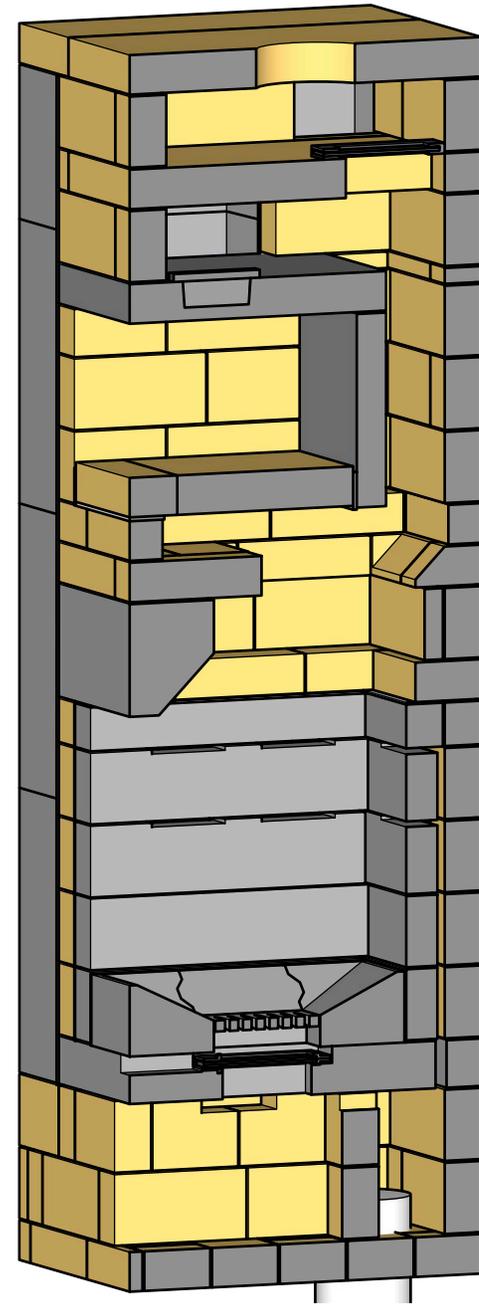
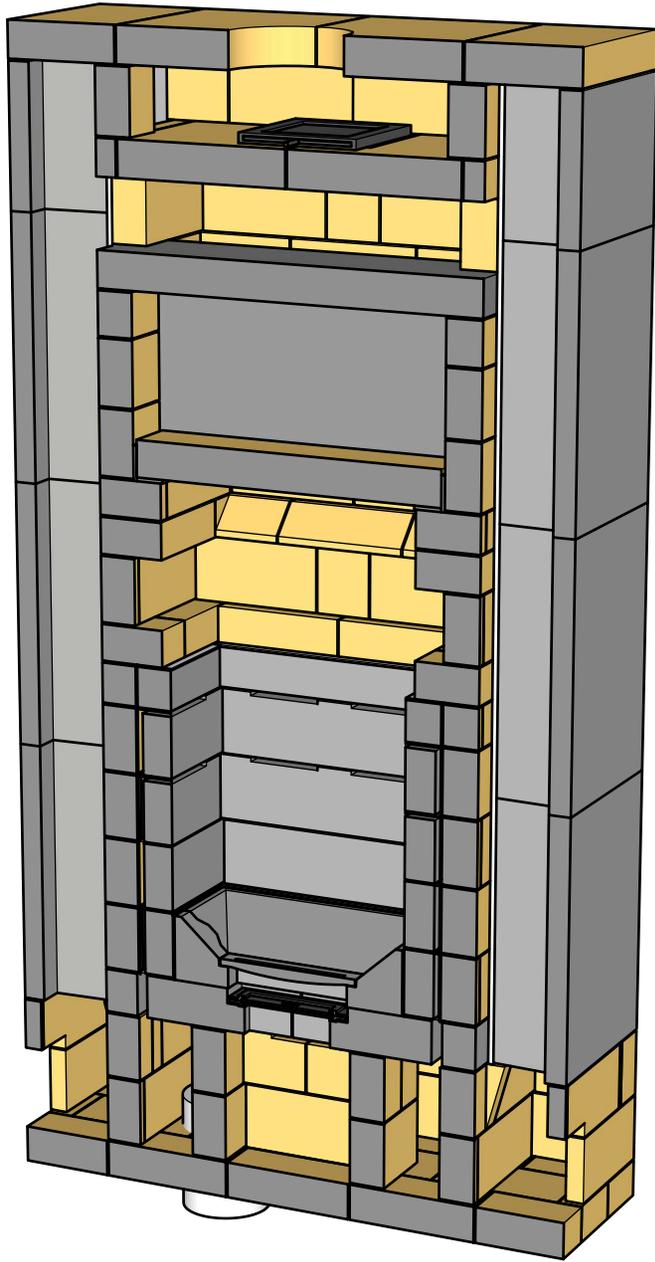
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## 5-Run Masonry Heater with Oven (5R0) Plan with Bench Options

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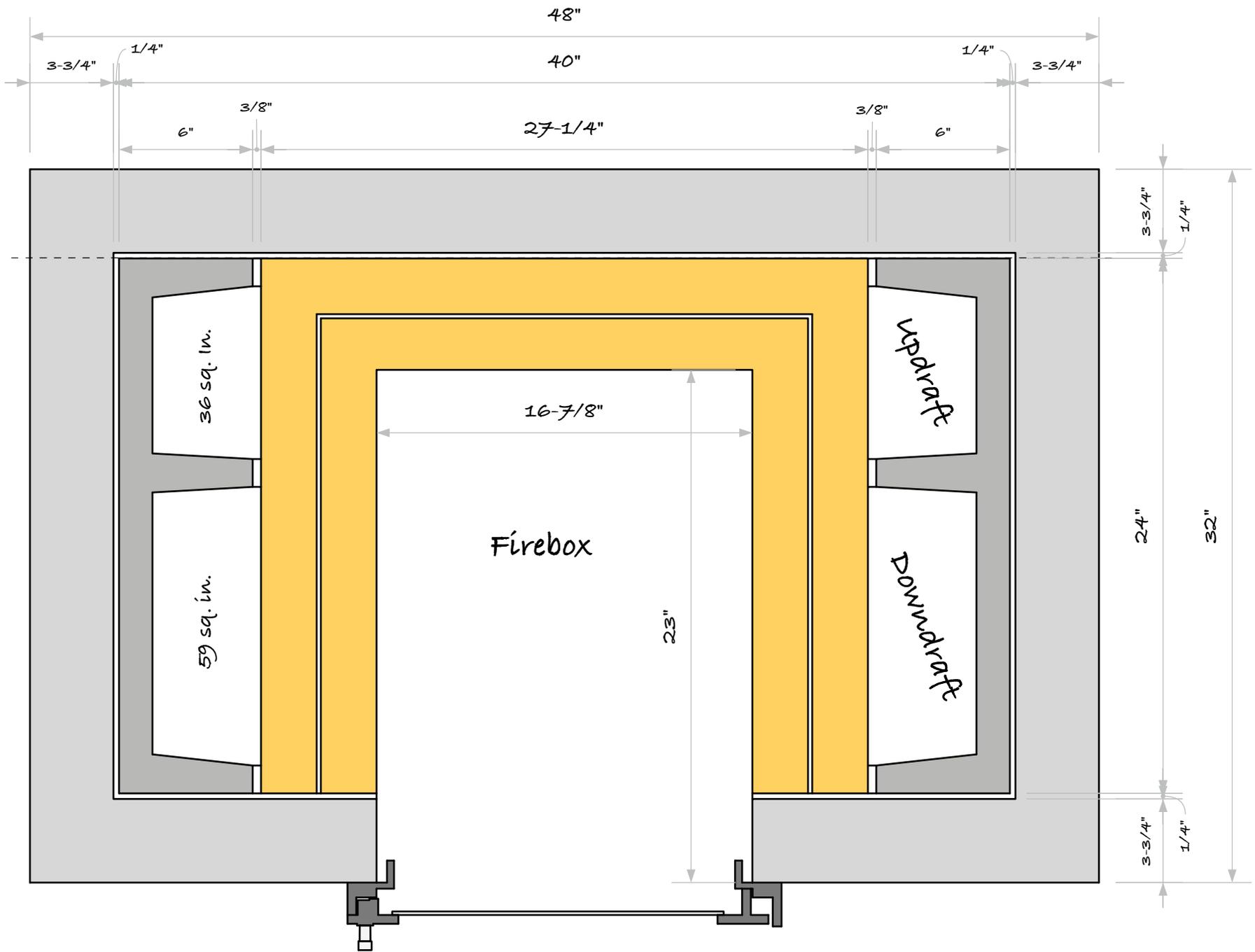
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## 5-Run Masonry Heater with Oven (5R0) Sections - Front & Side

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**5-Run Masonry Heater with Oven (5R0)**  
**Dimensions @ Firebox**

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