



GUILLOTINE FIREPLACE DOOR SYSTEM

BY BRANDNER DESIGN

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Every door system is custom designed to client-specified fireplace and surround styles. Detail drawings and 3D models are provided before fabrication begins.

Brandner Design's custom Guillotine Fireplace Doors illustrate how specifically engineered hardware, with pulleys and precise counter weights work together to create beautifully adaptable glass and screen doors to any fireplace. The Guillotine Fireplace Door is designed to disappear into the surround about the fireplace then reappear when needed.



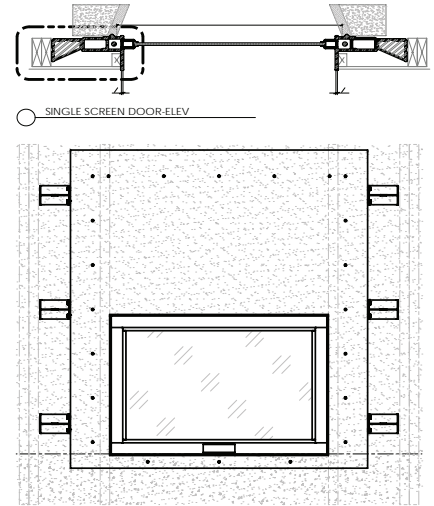
Guillotine Door Overview

Brandner Design's Guillotine Door Systems are built as a complete, ready to install unit with concealed mechanisms in a steel frame that houses the doors and necessary hardware. Guillotine doors are available in multiple configurations.

These units can be fastened directly to the CMU or fireplace framing, then covered in the stone, steel, or wood surround of the fireplace leaving only the door exposed.



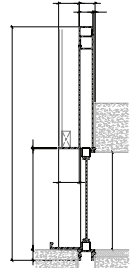
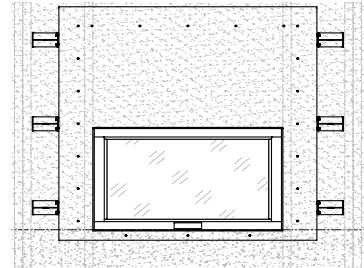
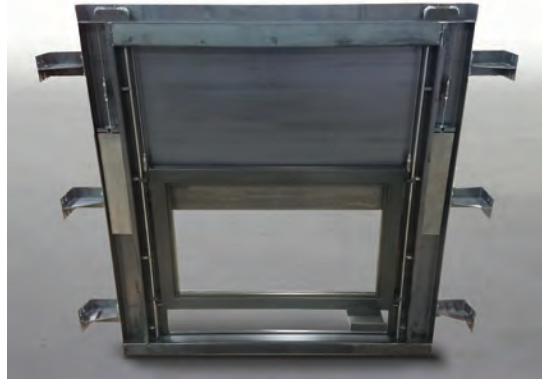
Complete Guillotine Door Enclosure showing attachment brackets ready to be installed.



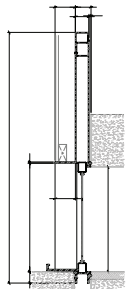
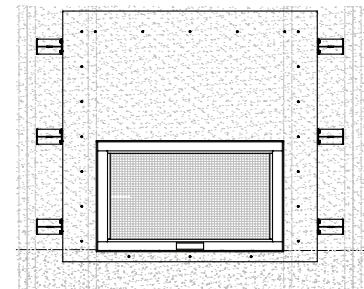
Guillotine Door Options

Brandner Design guillotine fireplace door systems can be built as single doors with glass or screen options. Double doors feature a screen with either glass or metal additional door.

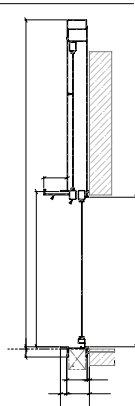
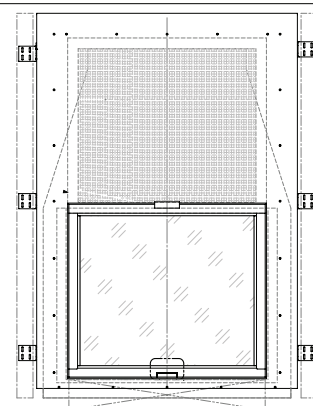
Single Door - Fire Glass



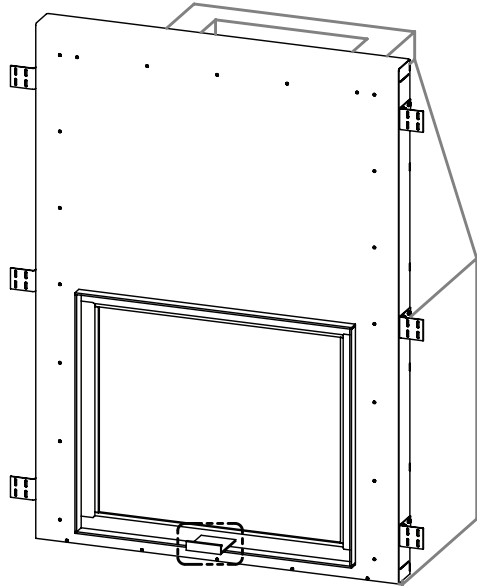
Single Door - Screen



Double Doors - Screen and Steel



Guillotine Door Components



Mounting Frame

- Made of heavy formed steel
- Tabs included for fastening to the CMU or firebox
- Minimum thickness* for a single door is 2.5" *

**Minimum thickness is the minimum depth between firebox CMU and surround. It is important to factor in this minimum space when designing your fireplace.*

Rails

Brandner Design uses custom rails and linear bearings to produce a low friction system for each door.

- Rails for low friction and quiet operation
- Made from hardened steel
- Easy lift operation
- Long lasting, tight fit

Bumper Stops

- Prevent metal on metal contact
- Maintain quiet operation

Cables, Pulleys & Counterweights

- Perfectly balanced counterweights provide smooth operation and prevent the door from binding
- Stainless steel pulleys and cables to resist corrosion and increase durability



Guillotine Door Safety Components

Lockout Device

- A locking mechanism to lock the door in an open position for safe access during maintenance

Fire Code Compliance

- Fire Code Compliant with fire screen, fire glass, and spark/smoke guards
- Fire rated, fiberglass gasket lines the door frame and firebox
- Glass door design allows fresh air to flow into the firebox to prevent overheating

Guillotine Door Customizable Options

Brandner Design guillotine fireplace door systems can be customized in many ways.

Options to make your fireplace one-of-a-kind:

Door Options

- Single Door - Glass or Screen
- Double Door - Glass & Screen
- Guillotine or Sliding Door

Custom Sizes

- Guillotine doors can be configured to most any size firebox

Custom Pulls

- Recessed pull
- Leather wrapped pull
- Hammered pull
- Custom design

Mesh Screen Options

- Mesh screens can be customized in many options of metal, finishes and designs to achieve your desired look

