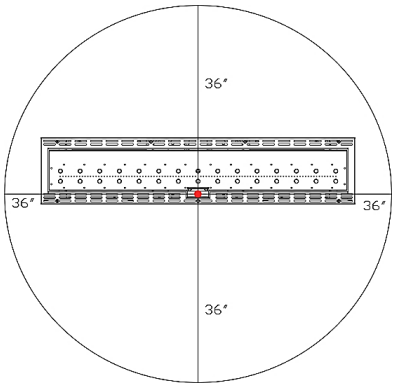
Ortal's Deep Dive Series

Topic: Access Panels

Written by Ortal's Architect & Designer Resource Team

The gas and electrical components for an Ortal fireplace can be accessed and serviced through an Access Panel.

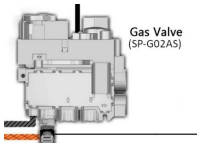
Depending on the fireplace model, the size and location of the access panel may vary. In all cases, it must allow the technician to comfortably access and service the fireplace's gas and electrical components. These components are attached to the pilot on a flexible gas line and can be moved within 36 inches of the pilot (located at the center front of the burner).



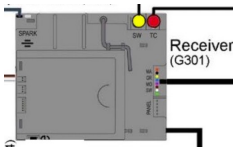
Components Typically Located in Access

- Gas supply shut off

- Gas control valve



- Receiver



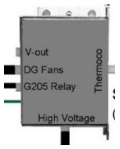
Duplex outlet needed for power supply

- AC Adapter transformer

– Optional components –

- Wi-Fi receiver Box

- Double glass fan control (needed on DG models only)



- plug in light control (included with all H series – optional on most other models)

- Power vent controller (if fireplace with power vent system)

Access Panel Guidelines

There are two main components to designing an effective access panel: size and location

- **Size:** Access should be as large as possible depending on application. Recommended access panel size is 10" x 10".

  *Note: *If your fireplace is being power vented, the power vent control box (located at the fireplace) must be easily accessible along with other components. For servicing purposes for power vent control-* ***Minimum*** *access panel size is 10" x 10"*

- **Location:** In built-in Ortal fireplace models, the gas valve and electronics are not in a fixed location on the fireplace. For ease of access, move the fireplace's gas and electrical components as close to the access panel as possible**.** If there is any distance between the access panel and the gas and electrical components, the access panel size would need to be larger**.** Prior to installation it is recommended to determine the best size and location of the access panel so gas and electrical can be routed correctly.

  *Note: Service access is incorporated into the firebox of Traditional fireplace models and in the metal surround of StandAlone models. These fireplaces and do not require an additional access *unless the fireplace is using a power vent.*

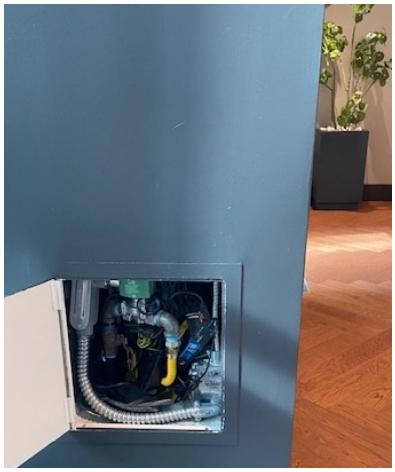
Access Panel Designs

There are many ways to design an access panel. The gas valve and electrical receiver must be located at or below the glass viewing area. (See examples below)

- **Front:** A panel, door/drawer, or grille on the face wall below the fireplace provides easy access for servicing.



- **Side:** The access can be on a side wall adjacent to the fireplace face. (shown with hinged access door panel / removable tile/ Drywall panel)






- **Hidden**: The access panel can be incorporated into the build around the fireplace. A wood panel, tile piece, or mesh screen can be made removable for servicing.









- Additionally Stone panels can be made removable for access






- Access Panel Hidden in Cabinet



- **Adjacent Room/Exterior**: An access panel can be on ceiling of the room below the fireplace, or an interior wall of an adjacent room.

- **Exterior** or an exterior wall. For exterior wall applications, the access door must be waterproofed