| | |
|---|---|
| **Reference:** | **Client:** |
| **Project:** | **Consultant:** |
| **Location:** | **Contractor:** |
| **Date:** | **Submitted by:** |

CVS
Manufacturing Excellence

# Model RAPI

Fire-rated Access Door
*Wingnut Closure*

## Application:

CVS-SAFE4 Fire-rated Duct Access Doors range are tested in accordance to BS476 Part24:1987 (ISO6944) and EN 1366-1 for up to 4-hours. These access doors are designed to be installed into fire-rated ductwork for the purpose of internal inspection and access for cleaning purposes without compromising the rating of the ductwork. The Access Doors provide efficient and secure service access to critical areas in ducts for a wide range of commercial, industrial, and residential which can be installed in both new and retrofit applications.

All CVS-SAFE4 marked products carry third party Certification and Local AHJ approval.

## STANDARDS MET:

**BS Standard:** BS476 Part 24, BS5588 (BS9999)
**EN & Other Standards:** EN1366-1, ISO6944
**NFPA Standards:** 96

Warrington Fire certifire CERTIFICATION
APPROVED PRODUCT CF 761

## Standard Construction:

| | Standard | Optional |
|---|---|---|
| **Frame Material** | 40x1.5mm thick channel section frame, height suited to thickness of insulation | Galvanised Steel<br>Stainless Steel<br>Mild Steel |
| **Door Material** | 18-Gauge sheet steel with 5mm lip formed on all sides | Galvanised Steel<br>Stainless Steel<br>Mild Steel |
| **Lock Mechanism** | Wingnuts & Bolt Closure | ----- |
| **Type of Installation of Door to Duct Skin** | 4.8mm Steel Rivets | Welded |
| **Insulation** | 25mm Rock Wool | 50mm or 75mm Rock Wool |
| **Gasket & Sealant** | Ceramic Gasket with bead of fire-rated sealant | ----- |
| **Accessories** | Welded Handle | Bolted Handle |
| **Hourly Rating** | 2-hours | 4-hours |
| **Finish** | Mill Finish | Coating - Red Oxide or Galvanic Heat Resistant |

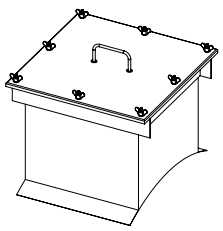
## Minimum & Maximum Sizes:

| Model | Minimum Single Section | Maximum Single Section |
|---|---|---|
| **RAPI - Insulated Bolted Panel** | 6" x 6"<br>(150 x 150) | 40" x 40"<br>(1000 x 1000) |

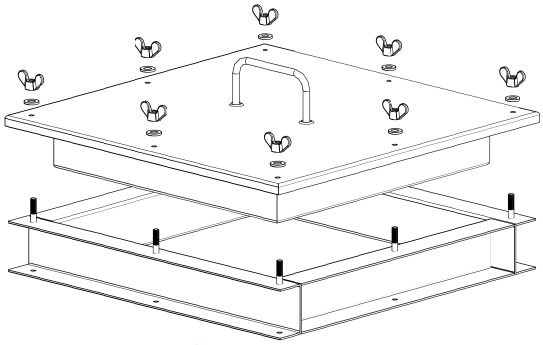
*All dimensions shown in inches, parentheses () indicate millimeters.*

## Optional Construction:

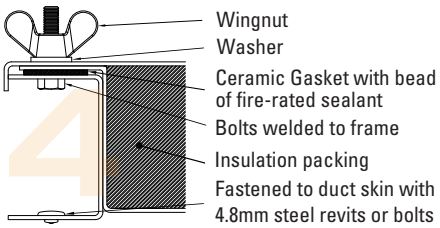
- ☐ Round Construction
  *(Consult factory for saddles installation on round ducts)*
- ☐ Safety Steel Wire



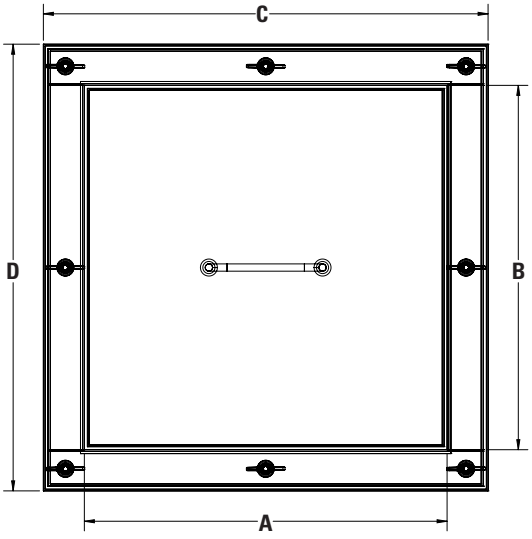
### Model RAPI - Insulated Bolted Panel



### Model RAPI - Detail




### Model RAPI - Dimensions




*Size of the door shall be A or B + 80mm*
*Size of the frame shall be C or D in mm*

SAFE4

As part of our continuous improvement program, we reserve the right to make further improvements without notice.