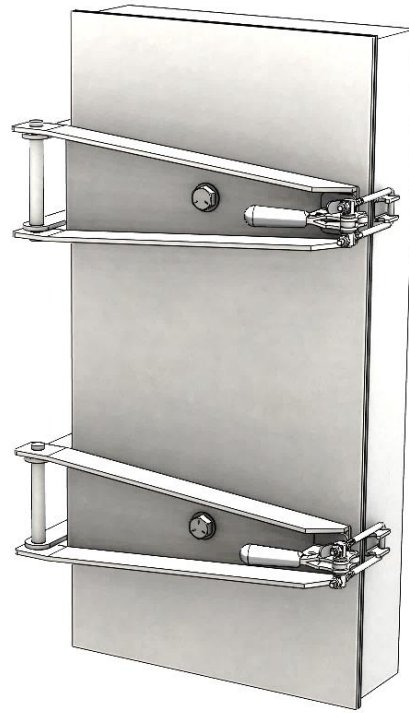


# Standard Industrial Rectangular Access Door

VentilationComponents.com's rectangular access doors are durable and cost effective.



## Application

- Suitable for mounting on ducting or equipment for various types of ventilation systems
- Various sizes available, built to suit flat or round ducts and vessels
- Pressure ratings ranging from 15inWC to 50inWC, with higher pressure ratings up to 100inWC available upon request

## Features

- Welded to duct or vessel
- Heavy duty gasket, toggle clamps, and hinged levers
- Available in a variety of materials

## Benefits

- The gasket is loaded evenly along the perimeter of the door to achieve a water tight seal
- Simple, reliable, and easy to maintain
- Heavy duty construction

## Options

### Size

Standard nominal sizes of 12.00in x 24.00in, 18.00in x 36.00in, and 24.00in x 48.00in are available and are built to suit flat or round duct and vessels. Larger sizes and custom sizes are available upon request.

### Pressure rating

Three different pressure ratings are offered: 15inWC, 30inWC, and 50inWC. Custom pressure ratings up to 100inWC are available upon request.

### Materials

A variety of materials are offered to suit different applications.

#### Primary material

- 304 stainless steel
- 316 stainless steel
- Corten steel
- Carbon steel painted, moderate exposure

#### Gasket material

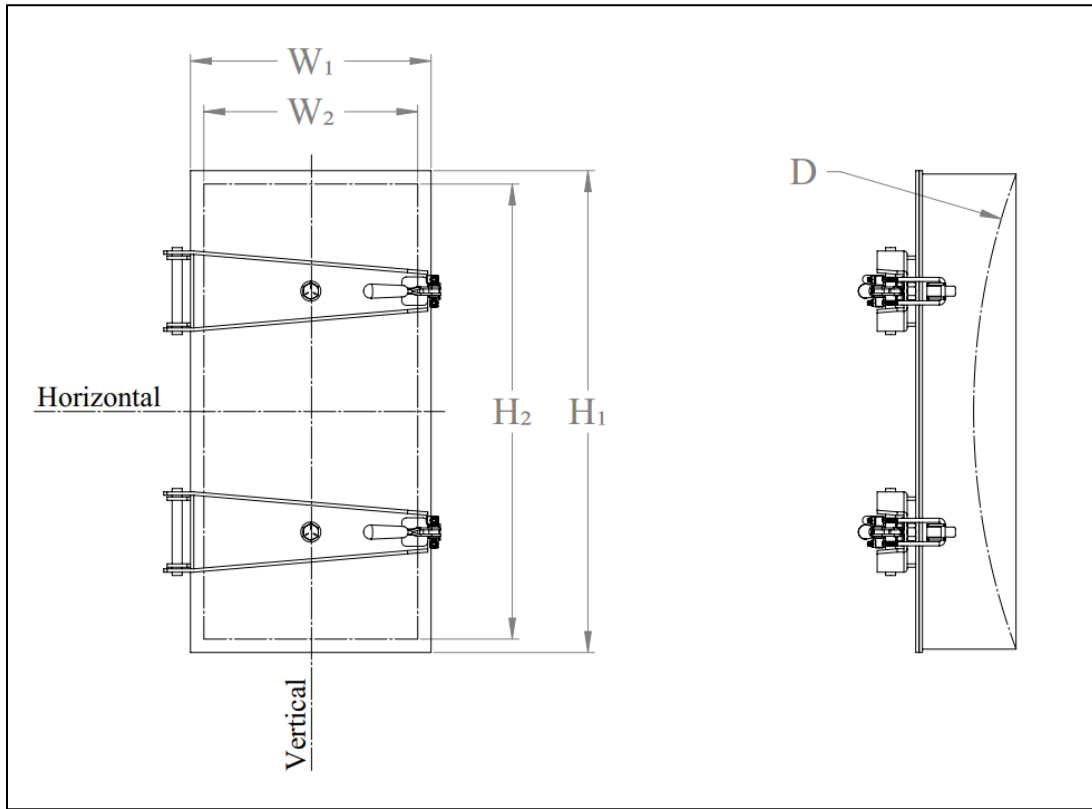
- EPDM
- Silicone

#### Hardware material

- 304 stainless steel
- 316 stainless steel
- Type 18-8 stainless steel
- Zinc chromate grade 5
- Carbon steel grade 5

Other materials not listed are available upon request.

### Data and dimensions

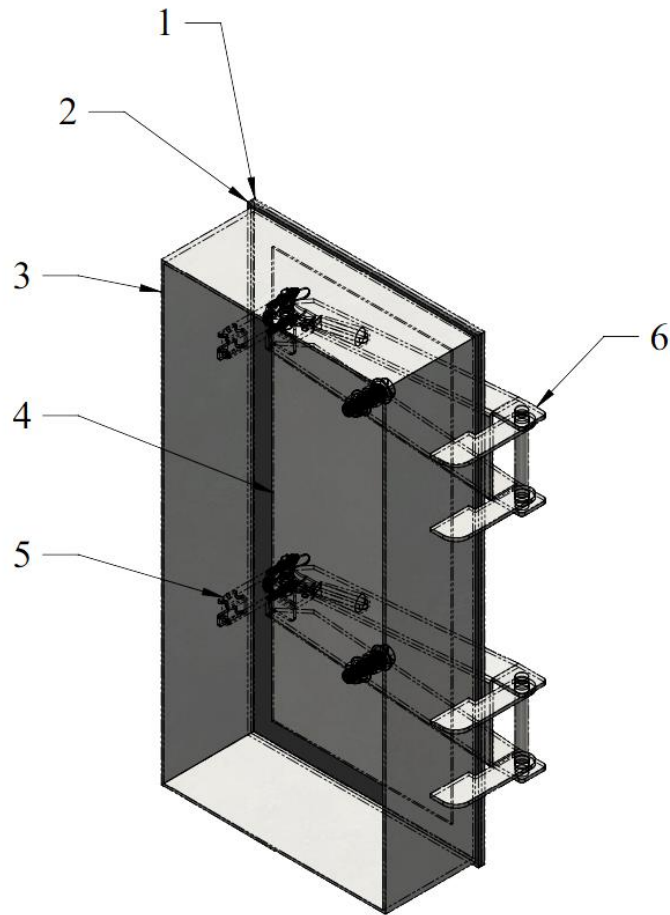


Item Number	"D"	" $W_1 \times H_1$ "	" $W_2 \times H_2$ "	Nominal Pressure Rating	Total Weight
	Horizontal or Vertical Duct or Vessel Size	Nominal Size	Duct or Vessel Opening Size (Flat)		
	inches	inches	inches	inWC	lb <sub>m</sub>
AD-02-12x24-F-15	0 (Flat)	12.00 x 24.00	11.75 x 23.75	15	78
AD-02-12x24-F-30	0 (Flat)	12.00 x 24.00	11.63 x 23.63	30	98
AD-02-12x24-F-50	0 (Flat)	12.00 x 24.00	11.50 x 23.50	50	124
AD-02-12x24-C-15	Customer Specified	12.00 x 24.00	11.75 x 23.75	15	78
AD-02-12x24-C-30	Customer Specified	12.00 x 24.00	11.63 x 23.63	30	98
AD-02-12x24-C-50	Customer Specified	12.00 x 24.00	11.50 x 23.50	50	124
AD-02-18x36-F-15	0 (Flat)	18.00 x 36.00	17.75 x 35.75	15	109
AD-02-18x36-F-30	0 (Flat)	18.00 x 36.00	17.63 x 35.63	30	151
AD-02-18x36-F-50	0 (Flat)	18.00 x 36.00	17.50 x 35.50	50	216
AD-02-18x36-C-15	Customer Specified	18.00 x 36.00	17.75 x 35.75	15	109
AD-02-18x36-C-30	Customer Specified	18.00 x 36.00	17.63 x 35.63	30	151
AD-02-18x36-C-50	Customer Specified	18.00 x 36.00	17.50 x 35.50	50	216

Item Number	"D" Horizontal or Vertical Duct or Vessel Size	"W <sub>1</sub> x H <sub>1</sub> " Nominal Size	"W <sub>2</sub> x H <sub>2</sub> " Duct or Vessel Opening Size (Flat)	Nominal Pressure Rating	Total Weight
	inches	inches	inches	inWC	lb <sub>m</sub>
AD-04-12x16-17-50	0 (Flat)	24.00 x 48.00	23.75 x 47.75	15	203
AD-04-18x24-0-15	0 (Flat)	24.00 x 48.00	23.63 x 47.63	30	257
AD-04-18x24-0-30	0 (Flat)	24.00 x 48.00	23.50 x 47.50	50	320
AD-04-18x24-0-50	Customer Specified	24.00 x 48.00	23.75 x 47.75	15	203
AD-04-18x24-18-15	Customer Specified	24.00 x 48.00	23.63 x 47.63	30	257
AD-04-18x24-18-30	Customer Specified	24.00 x 48.00	23.50 x 47.50	50	320

## Notes

1. 3D model files and general arrangement drawings with installation details available upon order.
2. Duct or vessel diameter size must be minimum 2.00in larger than nominal size of port.
3. Off center to duct or vessel mounting options available upon request.



### Parts list

Number	Quantity	Description
1	1	Main door piece
2	1	Gasket
3	1	Main port weldment
4	1	Backing plate
5	2	Toggle clamp
6	2	Hinge weldment

Notes

1. All hardware provided, unit is assembled when delivered.

## How to order

To fully specify the AD-02 Rectangular Access Door, make a selection from the code boxes below.

**Example:** AD-02-18x36-CH-2-E-3-30, shown below, is a rectangular access door of nominal 18.00in x 36.00in size with 316 stainless steel as the primary material, an EPDM gasket, type 18-8 stainless steel hardware, and a pressure rating of 30inWC. The customer has specified that the door be made to suit a 60.00in diameter horizontal duct.

1	2	3	4	5	6	7	8
AD	02	18x36	CH	2	E	3	30
Specifications							
Please provide a drawing for our approval of the specified door that suits a 60.00in horizontal duct.							

1 Equipment type			
AD	Access Door		
2 Equipment sub-type			
02	Rectangular Access Door		
3 Nominal size			
12	Nominal 12.00in x 24.00in [304.8mm x 609.6mm]	24	Nominal 24.00in x 48.00in [609.6mm x 1219.2mm]
18	Nominal 18.00in x 36.00in [457.2mm x 914.4mm]	C	Customer Specified Size
4 Duct or vessel size			
FL	Flat	CV	Customer Specified Diameter Vertical
CH	Custom Specified Diameter Horizontal	CC	Customer Specified Diameter and Angular Orientation
5 Primary material			
1	304 Stainless Steel	4	Painted Carbon Steel, Moderate Exposure
2	316 Stainless Steel	C	Customer Specified Material
3	Corten Steel		
6 Gasket material			
E	EPDM	C	Customer Specified Material
S	Silicone		
7 Hardware material			
1	304 Stainless Steel	4	Zinc Chromate Grade 5
2	316 Stainless Steel	5	Carbon Steel Grade 5
3	Type 18-8 Stainless Steel	C	Customer Specified Material
8 Pressure rating			
15	15inWC, Up to 4500fpm	50	50inWC, Up to 6000fpm
30	30inWC, Up to 5000fpm	C	Customer Specified Pressure Rating

Many types of customizations are available upon request.

**Note:** There are various factors which should be considered when selecting an access door for a specific application. Some of these factors are outside of the scope of this data sheet. If you have any questions regarding the application, compatibility, or use of this access door, contact [VentilationComponents.com](http://VentilationComponents.com) for more information.





Contact@VentilationComponents.com