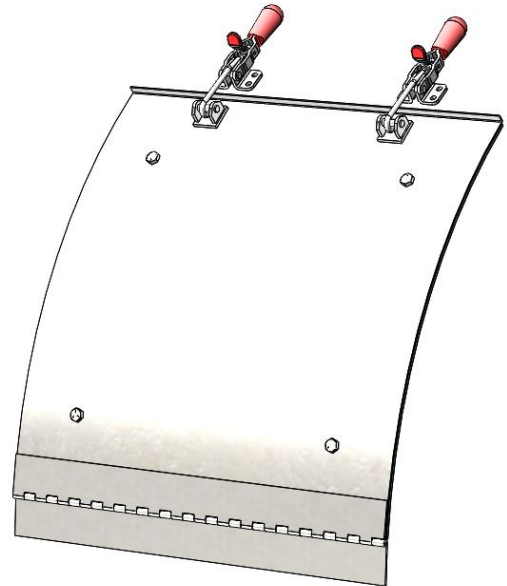


# Standard Industrial Curved Inspection Port

VentilationComponents.com's curved inspection ports are durable and cost effective.



## Application

- Suitable for mounting on round ducting or equipment for various dry ventilation systems, including dust control and material handling
- Various sizes available
- Pressure rating of -40inWC to +10inWC

## Features

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

## Benefits

- Simple, reliable, and easy to maintain
- Heavy duty construction

## Options

### Size

Standard nominal sizes of 8.00in x 8.00in, 12.00in x 12.00in, 16.00in x 16.00in, and 20.00in x 20.00in are available and are built to suit round duct and vessels. Larger sizes and custom sizes are available upon request.

### Pressure rating

The pressure rating offered is -40inWC to +10inWC. See our other inspection ports for higher pressure ratings.

## 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

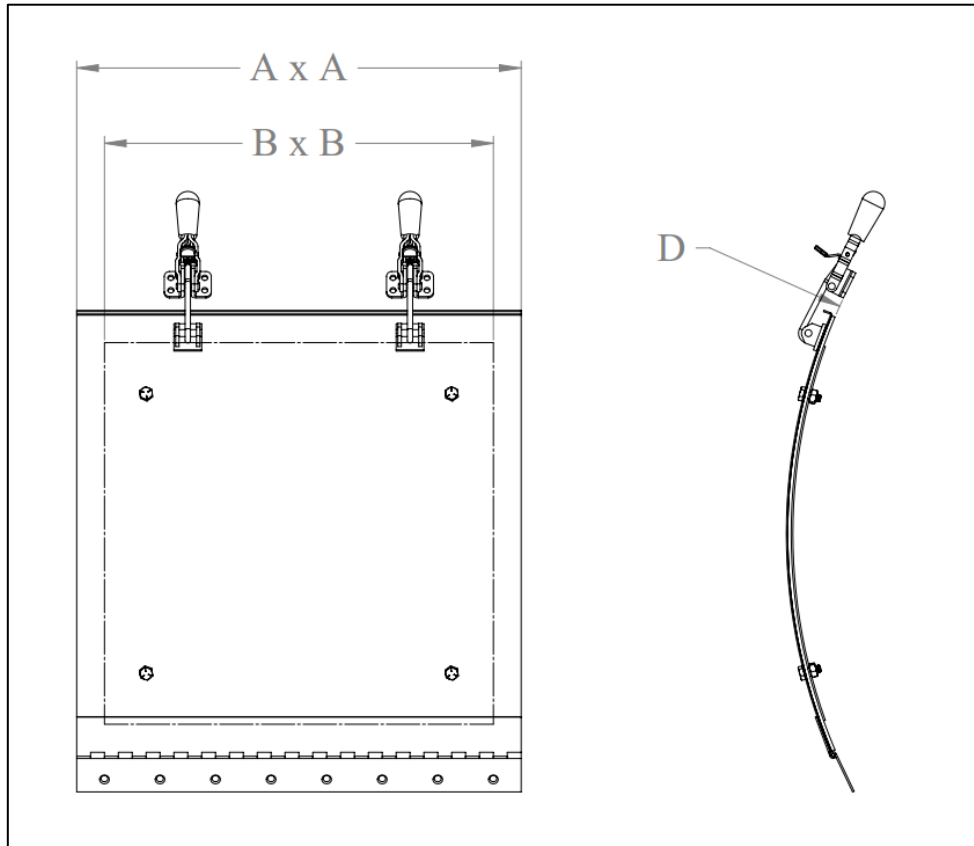
- EPDM
- Silicone

### 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.

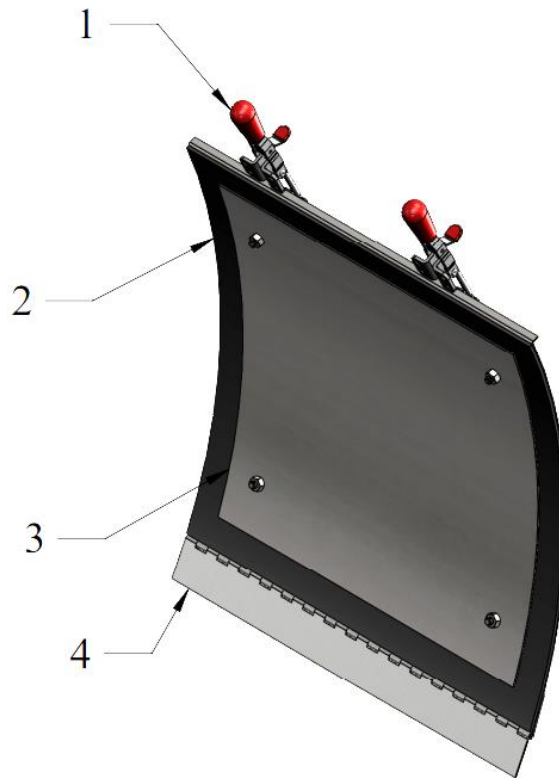
### Data and dimensions



Item Number	"D" Duct or Vessel Diameter Size	"A x A" Nominal Size (Flat)	"B x B" Duct or Vessel Opening Size (Flat)	Nominal Pressure Rating	Total Weight	Number of Toggle Clamps
	inches	inches	inches	inWC	lb <sub>m</sub>	Quantity
IP-01-8x8-C	Customer Specified	8.00 x 8.00	6.00 x 6.00	-40 to +10	12	1
IP-01-12x12-C	Customer Specified	12.00 x 12.00	10.00 x 10.00	-40 to +10	15	2
IP-01-16x16-C	Customer Specified	16.00 x 16.00	14.00 x 14.00	-40 to +10	19	2
IP-01-20x20-C	Customer Specified	20.00 x 20.00	17.00 x 17.00	-40 to +10	24	3

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 door.



### Parts list

Number	Quantity	Description
1	Varies	Toggle clamp
2	1	Gasket
3	1	Backing Plate
4	1	Piano hinge and door weldment

Notes

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

## How to order

To fully specify the IP-01 Curved Inspection Port, make a selection from the code boxes below.

**Example:** IP-01-12x12-C-2-E-3, shown below, is a curved inspection port of nominal 12.00in x 12.00in size and a pressure rating of -40inWC to +10inWC with 316 stainless steel as the primary material, an EPDM gasket, and type 18-8 stainless steel hardware. The customer has specified that the port have a curve suited for a 16.00in diameter duct.

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
IP	01	12x12	C	2	E	3	40
<b>Specifications</b>							
Please provide a drawing for our approval of the specified port that suits a 16.00in duct.							

<b>1</b>	<b>Equipment type</b>		
IP	Inspection Port		
<b>2</b>	<b>Equipment sub-type</b>		
01	Curved Inspection Port		
<b>3</b>	<b>Nominal size</b>		
<b>8x8</b>	Nominal 8.00in x 8.00in [203.2mm x 203.2mm]	<b>20x20</b>	Nominal 20.00in x 20.00in [508.0mm x 508.0mm]
<b>12x12</b>	Nominal 12.00in x 12.00in [304.8mm x 304.8mm]	<b>C</b>	Customer Specified Size
<b>16x16</b>	Nominal 16.00in x 16.00in [406.4mm x 406.4mm]		
<b>4</b>	<b>Duct or vessel size</b>		
C	Customer Specified Diameter		
<b>5</b>	<b>Primary material</b>		
<b>1</b>	304 Stainless Steel	<b>4</b>	Painted Carbon Steel, Moderate Exposure
<b>2</b>	316 Stainless Steel	<b>C</b>	Customer Specified Material
<b>3</b>	Corten Steel		
<b>6</b>	<b>Gasket material</b>		
<b>E</b>	EPDM	<b>C</b>	Customer Specified Material
<b>S</b>	Silicone		
<b>7</b>	<b>Hardware material</b>		
<b>1</b>	304 Stainless Steel	<b>4</b>	Zinc Chromate Grade 5
<b>2</b>	316 Stainless Steel	<b>5</b>	Carbon Steel Grade 5
<b>3</b>	Type 18-8 Stainless Steel	<b>C</b>	Customer Specified Material
<b>8</b>	<b>Pressure rating</b>		
<b>40</b>	-40inWC to +10inWC, Up to 5000fpm		

Many types of customizations are available upon request.

**Note:** There are various factors which should be considered when selecting an inspection port 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 inspection port, contact [VentilationComponents.com](http://VentilationComponents.com) for more information.



Contact@VentilationComponents.com