



## Explosion Protection Worksheet

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Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 Project \_\_\_\_\_

Contact \_\_\_\_\_  
 Phone \_\_\_\_\_  
 Fax \_\_\_\_\_  
 E-Mail \_\_\_\_\_

## Generic, rectangular

Description:

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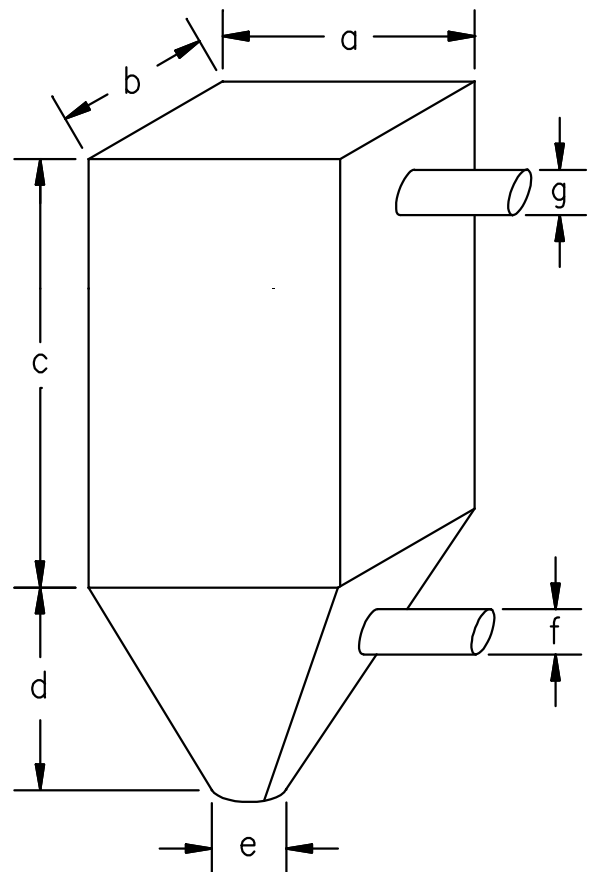


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Process	
Maximum positive pressure	
Maximum vacuum	
Maximum process temperature	
Ambient temperature	
$P_{red}$ - enclosure strength	
Enclosure location	<input type="checkbox"/> indoors <input type="checkbox"/> outdoors
If indoors - distance to exterior	

Combustible material	
Name	
$K_{St}$	bar*m/sec
$P_{max}$	barg

Enclosure	
Tag/I.D. Number	
Manufacturer	
Model Number	
a	Width
b	Length
c	Height
d	Hopper-height
e	Hopper discharge-diameter
f	Inlet diameter
	Distribution Baffle
g	Exhaust diameter



- Explosion Venting** - Control the Explosion Pressure  
 Relieves explosion overpressure within process enclosure before destructive levels of pressure are reached
- Explosion Isolation** - Control the Explosion Propagation  
 Mechanical barriers to prevent the spread of explosions through interconnected pipe or ducts

Comments:

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