



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

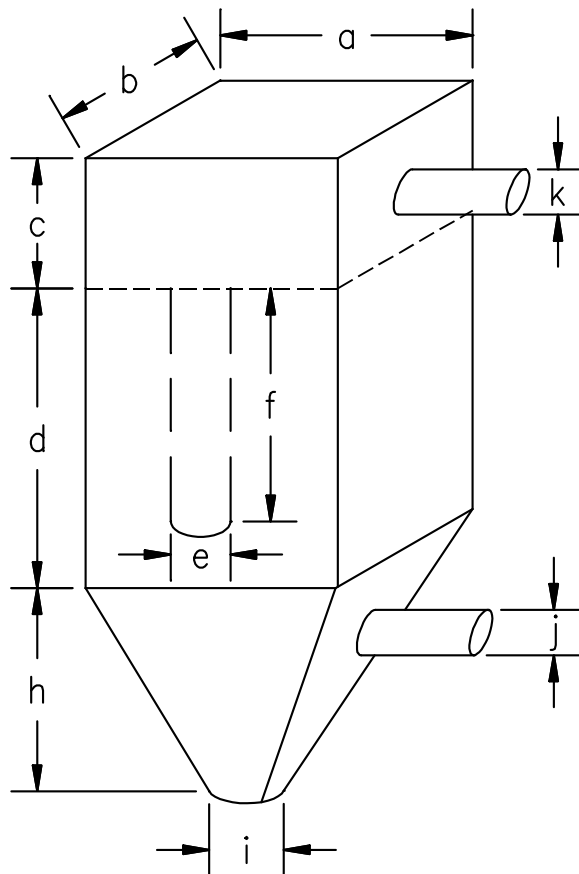
Contact \_\_\_\_\_  
 Phone \_\_\_\_\_  
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 E-Mail \_\_\_\_\_

## Rectangular Bag Filter

| Process                           |   |
|-----------------------------------|---|
| Maximum positive pressure         |   |
| Maximum vacuum                    |   |
| Maximum process temperature       |   |
| Ambient temperature               |   |
| $P_{red}$ – enclosure strength    |   |
| Enclosure location                | <input type="checkbox"/> indoors<br><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 – clean air plenum |                       |
| d               | Height – dirty air plenum |                       |
| e               | Filters-diameter          |                       |
| f               | Bag Filter - length       |                       |
| g               | Bag Filter -quantity      |                       |
| h               | Hopper-height             |                       |
| i               | Hopper discharge-diameter |                       |
| j               | Inlet diameter            |                       |
|                 | Distribution Baffle       | <i>provide sketch</i> |
| k               | 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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