REMBE®

Explosion Protection Worksheet

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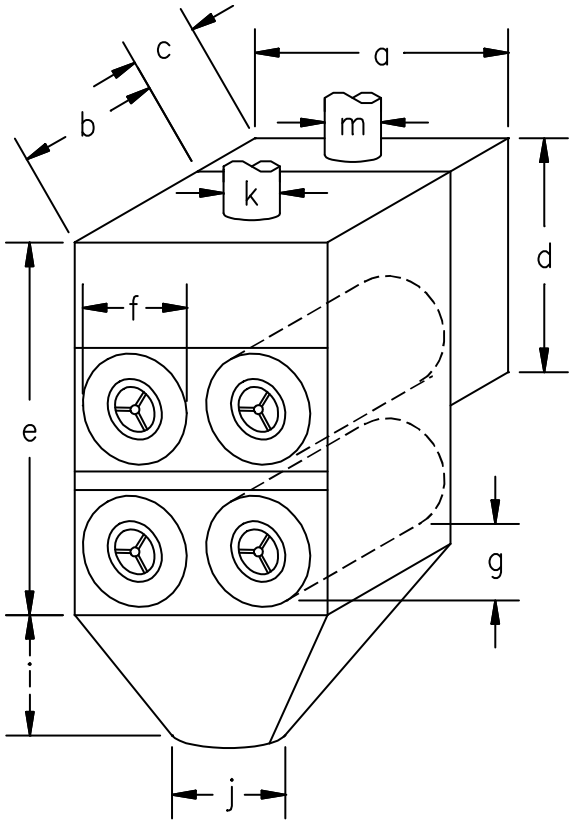
Company		**Contact**	
Address		**Phone**	
		Fax	
Project		**E-Mail**	

Cartridge Collector

Process	
Maximum positive pressure	
Maximum vacuum	
Maximum process temperature	
Ambient temperature	
P_{red} – enclosure strength	
Enclosure location	☐ indoors ☐ outdoors
If indoors - distance to exterior wall	

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

Enclosure		
Tag/I.D. Number		
Manufacturer		
Model Number		
a	Width	
b	Length - dirty air plenum	
c	Length - clean air plenum	
d	Height - clean air plenum	
e	Height - dirty air plenum	
f	Cartridge filter - diameter	
g	Cartridge filter - length	
h	Cartridge filter - quantity	
i	Hopper-height	
j	Hopper discharge-diameter	
k	Inlet diameter	



	Distribution Baffle	*provide sketch*
m	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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