

Dust-collector filter cleaning system sizing Cartridge filter applications

Customer:		Tyco contact:	
Contact:		Tyco reference:	
Phone:		Cust. email:	
Fax:		Project title:	
Preferred valve model: <i>Leave blank if Tyco to nominate</i>			

System application details *Please indicate units of measurement, where relevant*

1. Tank pressure		9. Air-cloth ratio <i>(filtration velocity)</i>	
2. Length of blowtube		10. Filter flow rates	
3. Internal diameter of blowtube		11. Differential pressure (dP) at cleaning	
4. Bends between the valve and blowtube		12. Process gas temperature	
5. Valve electrical actuation time		13. Desired cleaning pressure	
6. Number of filters to be cleaned per valve		14. Cleaning Factor <i>(if unknown, 1.5 x the dP will be used)</i>	
7. Filter area		15 a). Is a venturi being used? <i>Please detail design in space below</i>	
8. Filter material		15 b). Venturi type/manufacturer	

Other relevant notes: