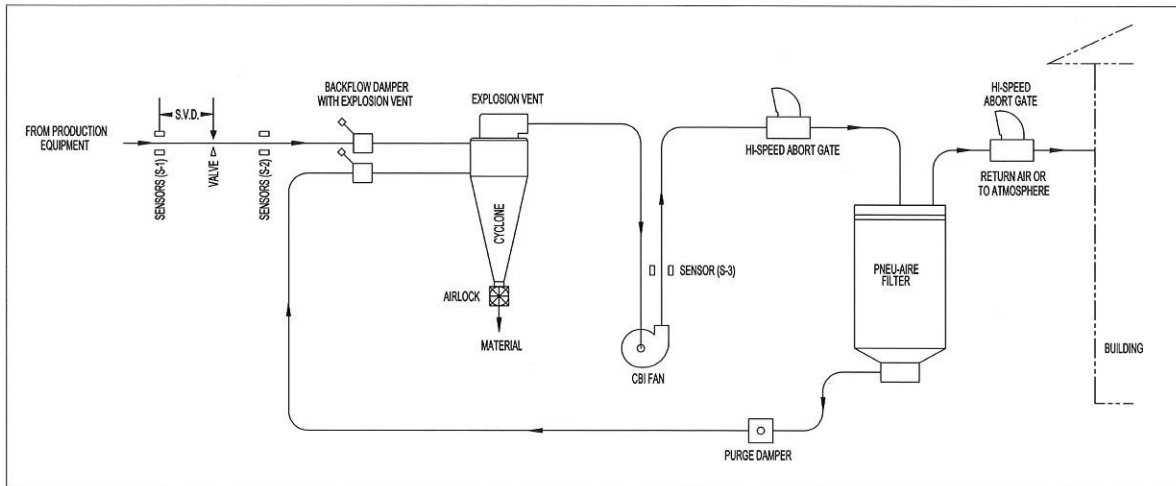


Secondary Filter Application



Minimum Sensor to Valve Distance (SVD) =

- SU-1 and SU-2 Suppression Units: Velocity (feet per minute) divided by 60 multiplied by .3
- SU-3 Suppression Units: Velocity (feet per minute) divided by 60 multiplied by .4

Minimum Sensor to Abort Gate Distance (SAGD) =

- 4" - 43" diameter: Velocity (feet per minute) divided by 60 multiplied by .5
- 44" and above: Velocity (feet per minute) divided by 60 multiplied by .6

Water Requirements:

Water volumes and pressures vary for each suppression assembly. This requirement is carefully engineered from reliable information provided by the customer. Field data sheet accuracy is critical.

Sensor Location Guidelines:

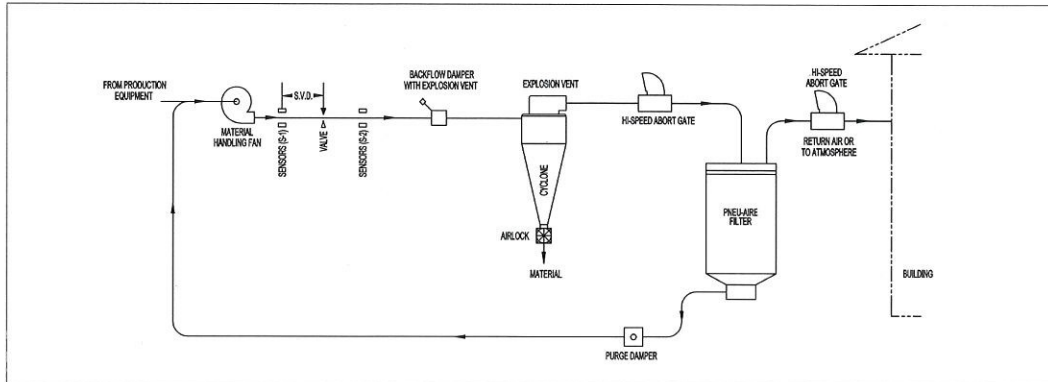
To reduce lens wear it is recommended that sensors (S-1) be installed with a minimum of three (3) pipe diameters or 10 feet of straight duct prior to their location. This will also allow sparks generated in high abrasion areas to extinguish themselves, therefore minimizing the number of alarms.

Recommended location of second set of sensors (S-2) to be one (1) "SVD" beyond the suppression unit.

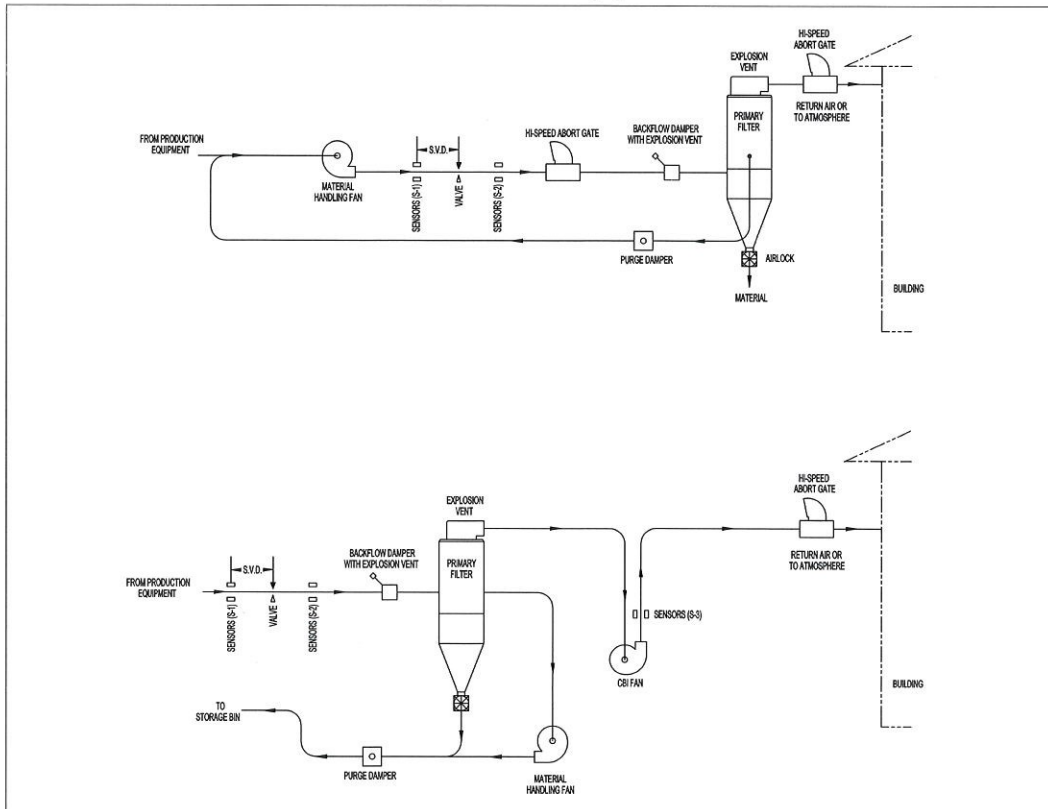
Suppression Unit Location Guidelines:

Nozzles to be located to allow for a minimum of three (3) pipe diameters or 10 feet between nozzles and collector/filter inlet.

Secondary Filter Application



Primary Filter Application



- Notes:**
1. We have shown just a few of the many varied applications. Please contact us for design of the specific system to fit your needs.
 2. Equipment shown provides optimum protection, however, Clarke's can custom design a system to fit your specific budget requirements.



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