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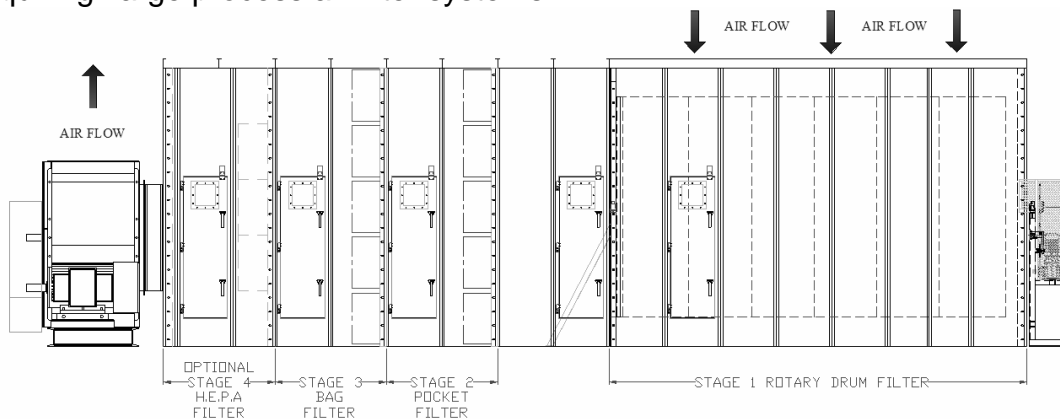
Technical Bulletin 051211

G-3 PROCESS AIR FILTER SYSTEM

For several years, Ibis has been offering different filter configurations. The most popular of these has been the traditional drum filter with "clean floor" design followed by a self cleaning cartridge filter. We have refined our engineering & design of one of these configurations under the name "G-3".

The "G-3" utilizes the same dependable and time tested rotary drum filter with Hydrex media followed by stationary filter walls. The "G-3" is a different concept in that there is no Final Cartridge Filter. Instead there is a dual set of pocket and bag type filters as well as an optional HEPA filter. The reasoning behind this concept is for better compliance with current NFPA and ATEX requirements as well as a more favorable initial expense and maintenance cost. In other words, dust/particulate "containment" which we get in stage #2,#3 & #4 of the G-3. The stage #1 drum filter is an "evacuation" of dust/particulate.

When compared to a traditional baghouse type filter or the drum and cartridge filter, you save both space and money. I have attached a preliminary layout drawing of a typical system. As more information becomes available, I will forward it on to you. Maybe you should consider the Ibis "G-3" as you study current risk assessment and planning for converting machines requiring large process air filter systems.



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