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"Your source for workplace solutions"

PROPER MAINTENANCE OF FILTER BAG DUST COLLECTORS

The one area of dust collector maintenance that tends to be missed by most labs and production facilities is the replacement of filter bags on a routine basis. Filter bags used in the Van-I Vac, Abrasive Vac and Voyager series dust collection units collect the material generated at the workstation as well as allow sufficient cooling of the motor.

There are two compelling reasons for establishing a routine filter bag maintenance schedule. First, when a filter bag is full, there will generally be a reduction of suction at the workstation, resulting in an increasingly dusty work area. It's important to keep in mind that fine dust particulate will accelerate the need for inspection, and replacement. The second and least understood reason for setting up a routine maintenance schedule is the detrimental effect that the lack of adequate airflow will have on the life of the motor. If the filter is full of dust and debris, the airflow through the filter and the motor will decrease causing the motor to run hotter than normal. This will shorten motor life significantly.

Our 2-stage filter bags (VMC-A440) are made with a synthetic fiber that will capture 95% of all dust down to 1 micron. The unique design traps the particles, filling the bag from the bottom up. The bag is considered full when, upon inspection, the collected material fills approximately 2/3 of the bag. The bags were designed this way to ensure there will be enough air-flow through the motor at all times.

It's important to utilize genuine Vaniman filter bags in your Vaniman dust collector because if one of its filter bags fails, causing the dust collector to require repairs, Vaniman will make repairs to the unit free of charge.