FILTA-TEC FILTRATION

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Bags & Cages vs Pleated Bags

This is an example of how Filta-Tec's pleated filter bags can optimize your bag house, based on 100,000 ACFM using a backward inclined fan operating as outlined below:

Improvement:	720 Bags	720 - 40" Pleated Bags
ACFM	100,000	100,000
Air to Cloth Ratio	7.10:1	5.26:1
Unit Square Feet	14.14	26.39
Operating delta P	7"	3.88"
Motor	300 HP	300 HP
System delta P	15"	11"
Brake HP	291.5	291.5

Change out time:

720 re-bagging takes approx. 80 man hours @ $45.00/hr = $3,600.00

720 installing pleated bags takes approx. 20 man hours @ $45.00/hr = $900.00

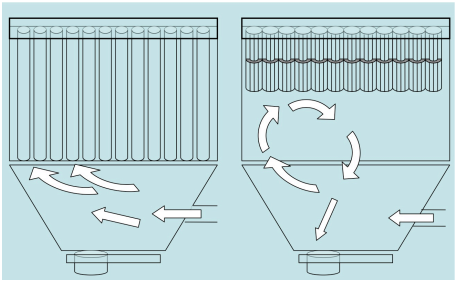
Change out labor savings = $2,700.00 (Every change out)

Longer Life:

We typically see pleated bags lasting two to three times longer than bags in the same environment. I will assume three times in this calculation, which will be two less change outs:

2 year labor savings @ $3.600.00	$7,200.00
2 sets of bags @ $5,040.00	$10,080.00
1 set of cages @ $20.00 ea	$14,440.00
TOTAL SAVINGS	***$31,720.00***

This a conservative example, which saves $31,720 over three years with a 26% reduction in the air-to cloth ratio. This does not account for the reduction in the down time or the savings from being in compliance with emission standards. These numbers could easily outweigh the savings listed above.



Pleated Bags prevent media Blinding!