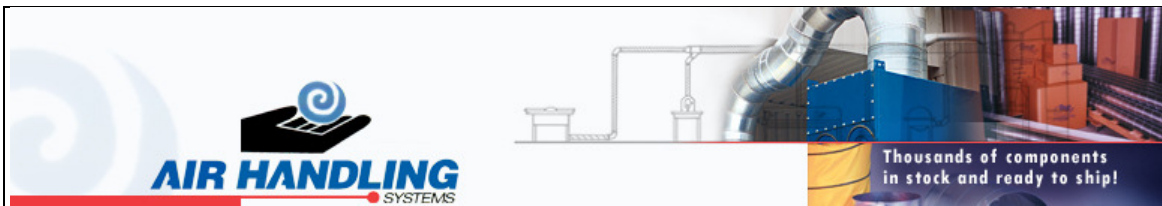


**From:** Jamison Scott Air Handling Systems <jscott@airhand.com>

**Subject:** Air Handling Systems News & Updates

**Reply:** jscott@airhand.com



## INDUSTRIAL STRENGTH Ductwork Direct

## Air Handling Systems Newsletter

MARCH 2012

### NEW 2012 Catalog NO Price Increase

By now you should have received your **NEW 2012** Air Handling Systems catalog. With full color products throughout, you will be able to quickly find the best dust and fume collection products to meet your needs. We continue to do our best to control costs and are happy to announce we are NOT implementing a price increase for 2012 at this time. While we cannot guarantee prices will not increase at some point we continue to offer 2011 pricing on all our products.

We look forward to working with you in 2012 and beyond! Click here to shop online:  
[www.airhand.com](http://www.airhand.com)

### Filter Questions Answered

We frequently receive various questions on filters and while we do not sell filters we want to address some of the most commonly asked questions. We recommend American Fabric Filter Co. who provided the following answers and would be happy to provide filter support.

#### Can I get 1-micron filtration?

Yes, you can achieve filtration down to 1 micron with the correct fabric and surface treatment and the correct air to cloth ratio for your particular application. For wood dust we generally recommend polyester felt with a singed finish. However various applications require different weights of felt and surface treatments. Initially the polyester felt material filters the dust while building a "dust cake" on the singed surface of the felt. This dust cake then does the actual filtering of all subsequent dust that is blown into the bag. When the dust cake

### Immediate availability of ductwork helps sustain millwork production after partial building collapse.

The northeast has experienced a very mild winter, quite the contrary of last winter. This time last year, one of our long time customers Fairfield County Millwork was reeling from a partial building collapse under the very heavy snow load. Ten days after the building collapsed, production was up and running in a temporary location with a fully functioning dust collection system. Air Handling Systems provided a variety of spiral pipe, fittings and flexible hose to help Fairfield County Millwork function in their temporary production facility. According to company president, John Ianiri, "Having proper insurance coverage including "replacement cost for equipment" and "business continual coverage" as well as local contractors and suppliers such as Air Handling Systems helped to ensure our product would be manufactured with very little down time and effect on our customer demands."

gets too thick, the material starts to "blind" or plug up, but the singed surface of the fabric helps to prevent a thick dust cake from adhering permanently. The dust cake will break away, leaving behind a thin layer to continue the process.

**Why does my bag need to be oversized?**

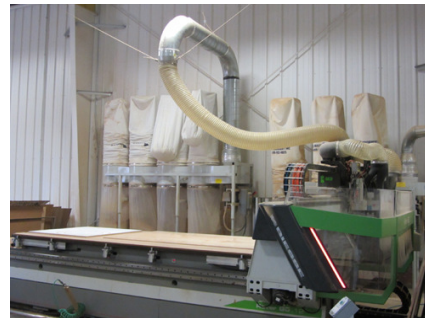
The purpose of an oversized bag is to achieve the proper air to cloth ratio. Most manufacturers of single stage units include the bottom bag into their calculation for air to cloth ratio. But once the bottom bag fills up that surface area is no longer capable of filtering.

**What is the difference between the OEM's standard material and polyester felt material?**

Most of the OEM bags these days are made from a woven lightweight polyester sateen which has a rating of around 30 microns and a lower air flow rate than polyester felt. The felt that comes on most OEM collectors is better than the polyester sateen, but usually has no surface treatment. AFF's singeing treatment helps promote a dust cake buildup and release which helps the bag "clean" itself as opposed to the plain felt of the OEM bags that causes dust and woodchips to adhere.

For more information click here to reach [American Fabric Filter Co.](#)

Today this millwork production facility is back in the original location, fully operational serving a growing market working with architects and general contractors needing high end architectural millwork. Air Handling Systems continues to meet their dust collection needs supplying replacement flexible hose and other ductwork as they continue to grow.



CNC with Air Handling System's spiral pipe and fittings.

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Air Handling Systems | 5 Lunar Dr | Woodbridge | CT | 06525