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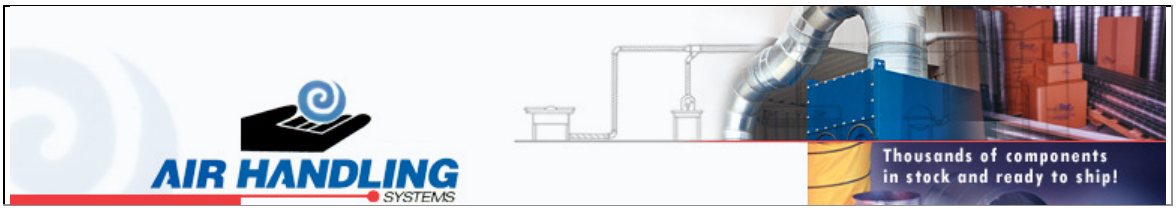

Air Handling Systems Newsletter

INDUSTRIAL STRENGTH
Ductwork Direct
AUGUST 2011

Free Flexible Hose sample

Not all hose is constructed the same!

We commonly find customers wanting to replace clear hose - not all clear hose is constructed the same! Our clear hose is manufactured of urethane and much stronger product than many other clear hoses which are made of pvc.

U30 Urethane Flexible Hose

Included is our THIS STUFF IS TOUGH, PEN PUNCTURE TEST!!!

First, try to push the Air Handling Systems U30 "Pen Test" Pen through the 2" PVC flexible hose sample provided. Then, follow the same procedure with 3" U30-C Urethane flexible hose sample. Make sure you push a little harder on the U30-C sample. You do not have to spear the hose, just push as hard as you can. Now, is that tough?

If you have existing flexible hose that is wearing out quickly, try the "Pen Test". If the Pen pops right through, it may be time to upgrade to Urethane flexible hose.

Know your hose - click here for a free sample available to qualified companies. Supplies limited.

International Services, Shipping Outside Continental

United States Air Handling Systems ships

What our customers say...

July 11, 2011

I am writing in appreciation for the cooperation and help I have received over the years from Air Handling Systems.

My association with Air Handling Systems began in 1998 with your staff designing and working with me on a dust collection system for my small woodworking shop. Your staff was a wealth of knowledge and cooperation over the years, I can't say enough good things about Air Handling Systems in working to identify and meet my needs.

I subsequently began construction on a new larger shop. In 2010 it was time for the design and construction of the dust collection system for the new shop. Because of the relationship I was afforded in the part, I again returned to Air Handling Systems for my needs. This time I was paired up with Curt Corum for the implementation of my project.

I was again amazed at the expertise and cooperation I received from Curt and the other members of your staff that I encountered. While my project was probably small in comparison to other Air handling Systems customers, I was always treated as if my project was their most important. I cannot say enough in praise at the professional, courteous, and personal way I was treated.

As to the product; the plan was precise and professional and took only minor tweeking to meet my needs and desires. As was in the past, the quality of the workmanship in producing the hardware was exceptional and well worth every cent expended for it.

Again I would like to thank the Air Handling Systems team and especially Curt Corum, I look forward to a long relationship as I grow and

products worldwide on a regular basis. Please forward your list of material and location of freight forwarder in the United States. We will quickly provide a quotation including the freight cost to US forwarder.

We have customers in the following Countries: Canada, Costa Rica, Ecuador, Egypt, India, Honduras,Mexico, Panama, Virgin Islands (St Thomas), West Indies (Nevis), UAE

Click here for more information

change my shop over the years to come.

Respectfully submitted,

R. G. Bonneville
New Cumberland, PA

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View our profile on LinkedIn
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Price Increase on select items Sept. 1

Material costs increasing

One Sept 1 we will be forced to raise prices on a few section items due to increase material costs. Items include RFH, CVD, AHPLUS, and Urethane (U20, U30, U45) flexible hose, as well as some Spun Reducers, Bellmouths, End Caps, Starter Collars, among a few other items. Please keep this in mind and place orders on these tiems before Sept 1 to avoid price increase.

Click here to download CURRENT Air Handling Systems 2011 Price List for spiral pipe, fittings and flexible hose. This price sheet will be updated by Sept. 1. You can always call us at 800-367-3828 and we can fax or mail you a copy as well.

Innovation or Gimmick

Cartridge Filters as After Filter Innovation or Gimmick

Back in the early 80's I represented a dust collector product line. Their parent company was a leader in cartridge filters for various applications, such as engine and vehicle exhaust. After several years of research and development, the filter cartridge dust collector was introduced for fine dust filtration. The principle was to have the dust exposed to the outer pleats of cartridge where the maximum amount of surface area was located. Air was drawn through the core of the cartridge. Compared to bag filters, the cartridge provided a substantial amount of filter area in a confined space. The units provided as much filter area as a bag house and required a substantially smaller foot print. They were primarily designed for fine, dry dust. A shaker mechanism or air pulse was used to knock off any cake build up. Used properly, the cartridge filter was a major innovation to the dust collection industry. Today, there are many types of filter material and outside wrappers that can prevent cling, cake build up, and even collect mist. I applied several units to toner dust, graphite dust, glass bead dust, and lead dust, just to name a few.

Then, a few years ago, I noticed an ad for a woodworking dust collector company promoting the cartridge filter as an after filter for a cyclone. My immediate thought was, this is a misapplication. A couple months later, I noticed more ads for single stage dust collectors promoting them as a viable replacement for the upper filter bag. To my dismay, it seemed everyone jumped on the band wagon, right or wrong. At first, they were sold without a method for cleaning. I received feedback from customers that had purchased these collectors. Most said the filters were quickly getting clogged due to cake and cling. Within a short period of time, they were sold with an internal brush for cleaning. Then, came the feedback about the brushes. It appeared the cake was forced into the core filter material and clogging the pores. The replacement cost for the cartridges averaged from $200 - $300 a piece.

Some only lasted weeks and the best case I heard of was six months. These were woodworkers that used the collectors on a daily basis. Some guys were using compressed air to blow out the inside in order to use them. In some cases, this was done every other day.

Bag filter material offered today is substantially improved. There are 10 oz and 16 oz polyester felts with

singe to avoid cling (1-5 micron range filtration), fabrics that control electrostatic build up, special surface treatments that improve performance, fabrics that extinguish sparks, and so on. The filter bag longevity with today's fabrics can be at least 5 years or more. If the air to cloth ratio and fabric is correct, I am convinced that the filter bag is substantially better than the reverse use of a filter cartridge. Certainly, those hundreds of dollars and hours of labor can be well spent elsewhere.

Curt Corum, Sales Manager

Forward email