

INDUSTRIAL STRENGTH Ductwork Direct

Air Handling Systems Newsletter

February 2012

New Catalog - No Price Increase

In just a few weeks you will be receiving your NEW Air Handling Systems 2012 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

Air Handling Systems installs exhaust fan for spot welder exhaust collection.

Initially we had two 4 inch branch lines for our spot welders, one inch branch for plasma cutting table, and two 6 inch hose drops for welding exhaust all connected to a 5 HP Cincinnati industrial fan.

The two spot welders are used frequently when the plasma cutter and hose drops are not in use. In order for the system to work properly, we were forced to dump approximately 3,000 additional CFM when only the spot welders were in operation. If we closed all, but the two 4" gates, the negative pressure would exceed the fan's resistance capability and actually lack sufficient draw!

The 5 HP industrial fan wants to move a few thousand CFM and the spot welders only need 200 CFM each. It was the old cliché Curt Corum, our Sales Manager uses "**Can't drink a milk shake with a cocktail straw.**" During the cold weather months, we were losing a tremendous amount of heat when not necessary. Dave Scott, company president, had the idea to isolate the two 4" diameter drops on a smaller Plymovent exhaust fan. A 1 HP unit with 6" diameter inlet and outlet was hung right above the spot welders. Our 6" diameter spiral pipe runs through outside wall, up side of building and terminates with an Air Handling UB06 upblast stack cap. At the point of collection, a three foot length of our adjustable vacuum hose and rectangular nozzle

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Here you will find interesting news information on our company and products, like how our spun reducers to be debuted in a new Paramount Pictures movie. You will also find general industry news, or we might even drop a special every now and then.

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Combustible Dust Solution Static Dissipative Hose

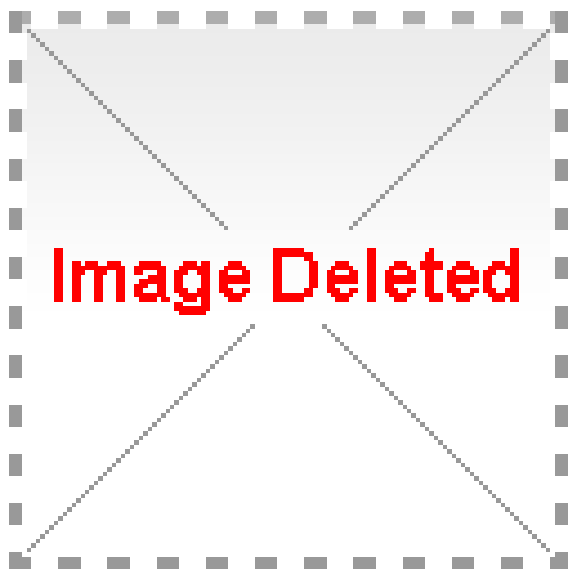
U30-SDC

is the answer for those who want to minimize the static build up from the friction caused by the material traveling through the hose. It is a flexible thermoplastic urethane hose which is



allows us to vacuum directly at the generating point of contaminant. The elimination of heat loss and related savings will be substantial. Aside from assisting our customers' on a daily basis, from time to time, Air Handling System's expertise is required for in house ventilation solutions.

[Click here for more information on Air Handling Products](#)



Exhaust Fan with Air Handling Spiral Pipe, Transition and Elbow.

an ideal choice for highly abrasive applications such as pellets, or dust collection. Recommended for fine powders found in woodworking, solid surface, plastics, toner dust, graphite, fertilizer.

SDH

is Specially formulated thermoplastic polyurethane reinforced flexible hose with a plastic helix AND copper grounding wire. Constructed of a modern inherently static dissipative urethane. Great solution for combustible dust issues.



Combustible Dust Video

We had over 200 clicks on this video last time we emailed it and almost 1,000 view since posted in November. Do not miss this explosive video! **Click video below.**



Combustible Wood Dust Explosion

[Click here](#) for more information from Air Handling Systems on combustible dust.

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