

## Air Handling Systems Newsletter

[www.airhand.com](http://www.airhand.com)

INDUSTRIAL STRENGTH  
Ductwork Direct  
July 2016

### The Ductwork Doc

#### Customer situation:

Goal is to retrofit a ballistics testing firing room to ensure safety of personnel with regard to exposure to toxic fumes (lead and organic vapours). We have the operation of a firing room for ballistics testing that is outdated and in need of retrofitting to assure the health of personnel firing weapons. The facility comprises two firing chambers, both firing chambers are served by extraction fans that vent to ambient air. There are no filters or other devices to purify the air before emitting to ambient air. The room is inappropriately fitted with two split air conditioning units which offer no arrangements for introduction of fresh air.

#### AHS Recommendation:



### What our customer say...

"The system we have from you guys is working great, just had to add some flexibility."

Thanks,  
Bob N.  
A.N. Designs, Inc.  
Torrington, CT

### Upcoming Events

#### IWF 2016

August 24-27

Make plans now to attend the International Woodworking Fair,

Atlanta, GA. See Air Handling Systems at Booth 5518.



**Combustible Dust Presentations - An Explosive Issue, lead by Air Handling Systems.**

August 25 - IWF, Atlanta, GA

### Air Handling Catalog

NEW 2016 Air Handling Systems catalog is now available. To request your free copy please call 800-367-3828 or email [sales@airhand.com](mailto:sales@airhand.com).

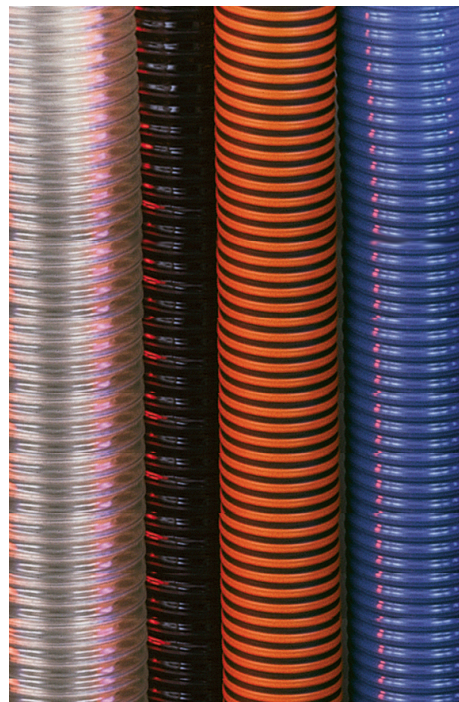
As indicated, your exhaust application is treated from a general ventilation standpoint. The systems that our ducting are applied to would be considered source capture. You would want to contact a blower / fan manufacturer. Two good sources are Twin City Fan Co., [www.tcf.com](http://www.tcf.com), and New York Blower, [www.nyb.com](http://www.nyb.com). Typically, the cubic area in room needs to be calculated, length x width x height. In your case the objective would be an air change approx every 5 minutes. Lets say the cubic area is 10,000 cubic feet. The exhaust volume required would be 2,000 cubic feet per minute. Normally, supply air and exhaust plenums are located on opposite sides of the room.

Thank you for your inquiry,

Curt Corum  
Sales Manager



## Got Dust? Need Hose?



Air Handling Systems stocks 15 different types of flexible hoses from 2"-12" in diameter.

**Click here to see our online selection.** If you don't see the hose you need, let us know and we can tap our extensive network to find the correct hose for your application.

## Air Handling on Pinterest

FOLLOW US ON *Pinterest*

Looking for pictures on how to solve a unique situation? Check out our new **Air Handling Pinterest** site where we post pictures of customer's dust collection systems. If you would like to share pictures of your installation, email us at [sales@airhand.com](mailto:sales@airhand.com).

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