



Air Handling Systems Newsletter

www.airhand.com

**INDUSTRIAL STRENGTH
Ductwork Direct**

September 2014

Q & A with Curt Corum Doctor of Ductwork

**Dust Collector Has Poor Suction.
May be running backwards.
Check your blower's impeller
rotation.**

Q - I have a 10 HP dust collector with very poor suction. I was wondering if the unit's impeller could be turning in the wrong direction? Is there a way to check?

A - Turn the dust collector on and off. Then, with a flashlight, look through grill on the end of the blower motor. There is a disc with fins under the grill. That disc spins the same direction as the impeller. It must be spinning so it is throwing the material directly into the outlet. Almost like whirling and throwing a lasso. If a blower is running backwards, it will still provide suction, but only approximately 50% of its capability. This is not an uncommon situation. Could occur from 2 HP to 15 HP direct drive blowers which do not come with a factory provided electrical cord and plug.

Some blowers have clockwise rotation and some have counter-clockwise rotation.

In the last year, we have had three customers with dust collector blowers running backwards, two were 10 HP and one was a 15 HP.

25 years of Customer Support



Dow nes and Reader Dust Collection System

In 1989 TJ Carr came to Air Handling Systems with a dust collection need. For the last 25 years and three companies later his dust needs are still being met. Originally, Carr came to Air Handling with a requirement to design the proper dust collection system to move a lot of volume through his Central Connecticut based moulding company, TJ Carr Co., Inc. The installation was very successful and allowed him to focus his energies in the manufacturing aspects of his business. In 2007 he sold his company to another Connecticut based company, Ring's End Lumber. They also became a customer of Air Handling Systems due to Carr's influence. Today, we are still meeting Ring's End Lumber's dust collection needs.

To reach Curt Corum, the Doctor of Ductwork aka Air Handling Systems, Sales Manager, email ccorum@airhand.com

Combustible Dust Presentations



Photo: US Chemical Safety Board

October 8 - Wood Pro Expo, Maryland State Fairground, MD.



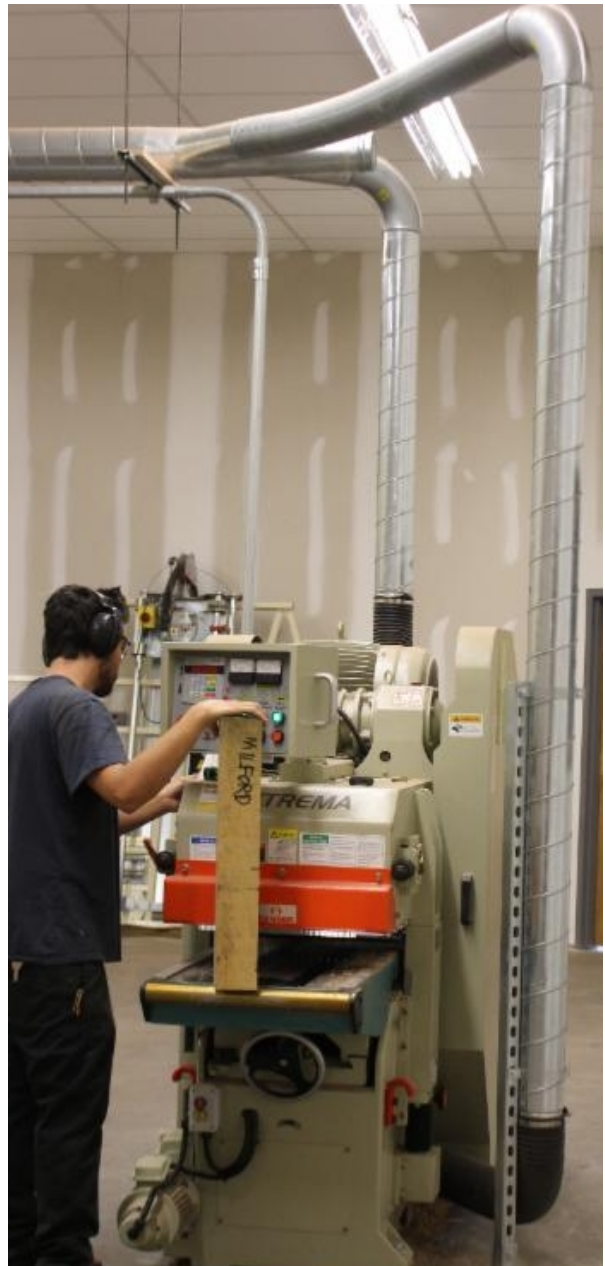
Email sales@airhand.com for more information and links to registration.

Flexible Hose

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



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.



Flexible hose, spiral pipe & fittings complete the system.

In 2013, Carr had an opportunity to open a new location for Downes and Reader Hardwood Co, a Northeastern hardwood lumber distributor based in Stoughton, MA.

Twenty-five years after his first purchase, Carr, again turned to Air Handling Systems. Just completed, with the help of Air Handling, is a mill facility for Downes and Reader's most recent Milford, CT location. This location fills the need for quality hardwoods to many different facets of the woodworking industry such as architectural mill shops like Fairfield County Millwork, another Air Handling customer located in the southern Connecticut region.

Air Handling Catalog

FREE Air Handling Systems catalog is available.

To request your free copy please [click here](#), call 800-367-3828 or email sales@airhand.com.



"Great products and great service at a fair price" is why Carr says he keeps coming back to Air Handling Systems. "Trying to contain dust and create a safe and pleasant working environment is quite a task. Air Handling has been able to help me over every hurdle I've had. From collection issues at the machine to return air, the support, service and inventory has been there when I needed it." Carr, continued, "They're a wonderful group to work with, always helpful and responsive from the front desk to the shipping department." The staff at Air Handling Systems is proud to serve customers such as TJ Carr over the last 25 years.

What makes Air Handling the BEST Choice...

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