David G. Halley & Co.

www.dghco.com T: 806-745-340

Greenheck Rooftop Ventilator

with Packaged Cooling & Heating

Model RV and RVE

• Institutional • Commercial • Industrial

800 - 13,500 cfm

• 3.0 in. wg External Static Pressure

• Indirect Gas, Hot Water, Electric Heating

• Packaged DX (5-45 tons), Chilled Water,

Split DX Cooling

• Optional Energy Recovery

• Optional Return Air

Upcoming Events

January 30

2017 ASHRAE Expo

Las Vegas

New for 2017!!

The David G Halley Co. will be introducing a brand new Stock Catalog!
We are expanding our warehouse capabilities to be able to stock more of the products that you need. Our goal is to have many of the products that you need on a daily basis available for same day pick-up or same day shipping.
The new catalog is scheduled to be out in January 2017.

Call David G Halley for more information.

PROJECT HIGHLIGHT

Texas Tech Maddox Engineering Research Center

The main part of this project was the Lab Exhaust fans.

There are 6 Greenheck duplex Vektor MS fans each with an Energy Recovery Coil.

The CFM's vary from 10,846cfm to 28,090cfm.

The fans on each system are designed to operate together so that in an event of a failure of a single fan, the other fan can handle 70% of the load while the other fan is being worked on.

Each Fan system has the Sureaire technology and they also have the Vektor MS Variable Geometry Nozzle .

The velocity of air coming out of the Lab fan needs be over 3000 fpm. By using the Greenheck Variable Geometry Nozzle it allows us to utilize a VFD to slow down the fan during unoccupied times and in times where the fan isn't needed at full load. As the VFD ramps the motor down, the Variable Geometry Nozzle tightens its exiting face area to increase face velocity thus maintaining 3000fpm while using a VFD on the motor.

GREENHECK

Vektor-MS

The Vektor®-MS uses an inline mixed flow fan featuring the Variable Geometry Nozzle (VGN)Technology to maintain a constant discharge velocity.

The Vektor®-MS with VGN technology recognizes changes in airflow and static pressure in an occupied space, causing the fan's operation to adjust throughout the day based on demand. The Vektor-MS system is designed to reduce fan energy in demand based applications. The Vektor-MS is available in belt or direct drive. Both utilize a bifurcated fan housing design that allows safe, easy access to all drive components. Vektor-MS systems have a small installed footprint, requiring minimal roof space.