

Inaugural Newsletter from Brooks Air Systems, Inc.

Introduction (authored by Neff Jenkins, Vice President)

Welcome to the inaugural edition of Currents, the first edition of the Brooks Air Systems quarterly newsletter. Currents will focus on pertinent issues that relate to local and national HVAC trends, and will allow us to keep you updated on new products, services, and applications. We hope you enjoy the newsletter and find it informative.

Who we are

Over the last few years, we have grown to offer a wide range of HVAC products, services, and solutions. Our comprehensive solutions include Parts, DDC Controls, Service, Applied Equipment Sales, and Air Distribution Products Sales.

With over 40 employees, we have hundreds of years of experience in the HVAC industry. Our geographic market territory includes North Florida and South Georgia. The primary cities within this territory are Jacksonville, Tallahassee, Gainesville, and St. Augustine in Florida; and Savannah, Brunswick, Kingsland, Valdosta, and Thomasville in Georgia.

We strive to be the company our customers want to do business with by providing excellent service, product and application knowledge, and customer support

to our industry. Of equal importance, we desire to be the company our employees want to work for by providing a pleasant and rewarding work environment to all of our team members.



Brooks Air Systems represents many of the industry's top performing manufacturers, including Daikin, McQuay, Alerton, ABB, and more. With this wide range of products, we assist with unique applications that involve Energy Management Systems, standard and custom chillers, standard and custom air handling units, variable refrigerant volume systems, active chilled beams, magnetic bearing chillers, packaged chilled water plants, many different types of energy recovery systems, and much more.

We intend to keep you updated quarterly with new products, industry issues, example projects to illustrate successful product application, and provide new information about our company and how we are trying to better serve our customers. Enjoy the newsletter!

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Upcoming Events

Tuesday, October 14th:

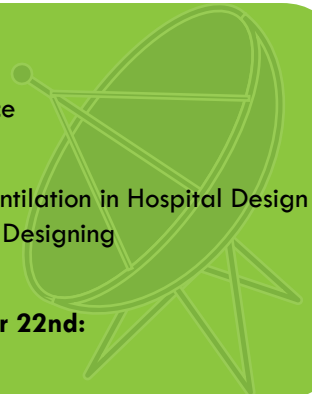
McQuay Traveling Roadshow – Tallahassee Office

Friday, October 17th:

Daikin-McQuay Technical Training Sessions on Ventilation in Hospital Design and Complying with ASHRAE Standard 15 when Designing Variable Refrigerant Volume Systems

Sunday, October 19th thru Wednesday, October 22nd:

Daikin-McQuay National Sales Meeting



Technical Direction

Commonly, our customers are faced with design challenges that involve limited mechanical room floorspace in a new or retrofit application. This issue may be addressed with the use of McQuay's variable dimensioning for Vision and Skyline air handling units.

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Typically air handling units are designed wider than they are tall (see Figure 1) for a few reasons. Fan motors usually are placed to the side of the unit, and double-width double-inlet fans need adequate space on either side for good airflow. However, mechanical rooms are typically designed with plenty of headspace – why not construct air handling units taller than they are wide?

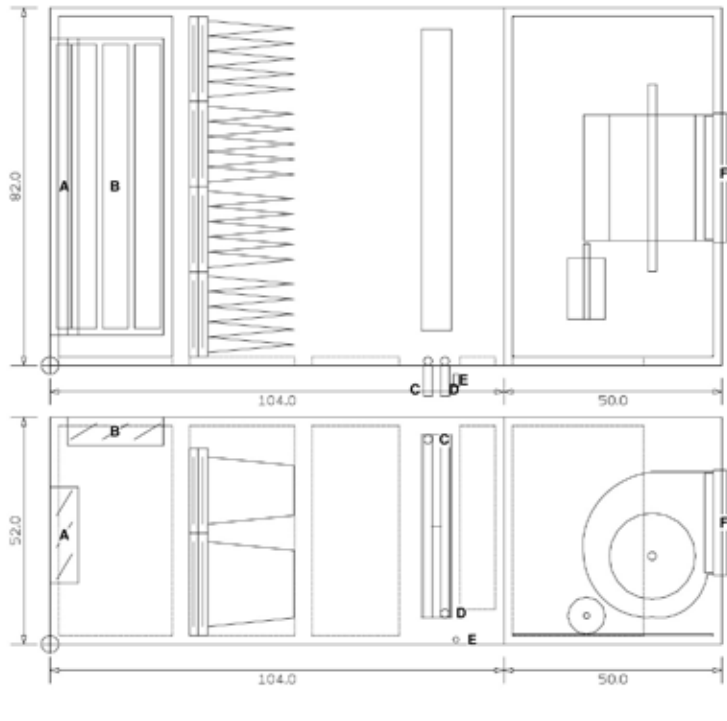
Figure 2 on the following page shows a unit that is more than consumes about 25% less floorspace than the one shown in Figure 1 (they are both sized at 10,000 cfm). We achieve this through the use of direct drive fans and McQuay's variable dimension cabinet.

The next time you are challenged with limited floorspace, consider this strategy. You might be surprised at how large of a unit you can fit in an area with very limited space.

Figure 1

Opening	X	Y	Z	W(Width)	H(Height)
A Damper	0.00	2.00	12.00	78.00	26.00
B Damper	2.00	2.00	52.00	78.00	26.00
C Cold water outlet	86.60	-7.00	46.94	2.00ins. MPS	-
D Cold water inlet	90.48	-7.00	7.06	2.00ins. MPS	-
E Condensate drain conn.	93.00	-4.90	1.00	1.25ins. MPS	-
F Fan discharge	155.00	28.15	15.70	29.70	24.13

Dimensions measured from ⊕



Green Product

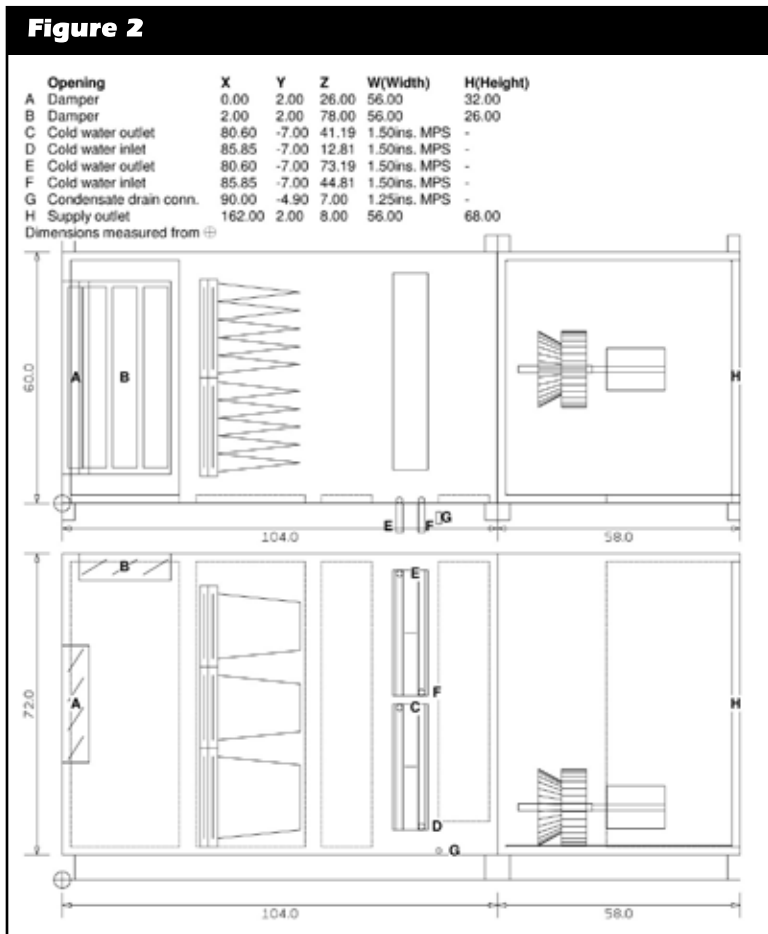
Daikin's VRV products offer unsurpassed system flexibility and reliability. At the heart of their system is a highly intelligent inverter-driven compressor. This advanced technology enables the output of the outdoor unit to be modulated by the cooling or heating demands of the zone that it controls, with an equivalent SEER rating of about 20!



1. Fans and grilles
2. Heat exchanger
3. High efficiency compressor
4. Heat transfer circuit
5. Compact aero box
6. Smooth sine wave DC Inverter
7. DC fan motor

Currents

Technical Direction Continued



Watts *New*

New Location

Brooks Air Systems is proud to announce the addition of our new office in Tallahassee, Florida:

2815-A Industrial Plaza Dr.,
Tallahassee, FL, 32301

The open house will be held October 14th along with the McQuay Traveling Showcase.

New Web site

Brooks Air Systems will be launching our new Web site during the month of October. The new site will include:

- Online Catalogs
- Line Sheets
- Case Studies
- Easier Navigation
- ...and much more

Milestone

25th Anniversary Celebration

As milestones come and go, we are looking forward to celebrating 25 years of business. Celebrate with us in 2009 as we plan for this historic event in our companies history. More information to follow in the coming months.

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Employee *Spotlight* Our People Make A Difference

Al Motta has been with Brooks Air Systems for more than 20 years. Prior to joining us, he worked as a Regional Sales Manager for Nesbitt Company. Al attended the United States Naval Academy, where he boxed, played football, and earned a degree in Marine Engineering. He has more than 37 years of experience in our industry. Al lives in Ponte Vedra with his wife, Suzie. Thank you, Al, for you many years of dedicated service!

Did You Know...?

That Daikin is the 2nd largest air conditioning manufacturer in the world?

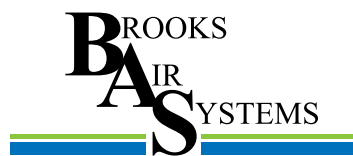
For more than 80 years, Daikin has been manufacturing and supplying advanced, high quality air conditioning equipment for residential, commercial, and industrial applications. Their goal is to be the largest HVAC manufacturer in the world by the year 2010, and their global product portfolio includes Air Conditioning Equipment, Container Refrigeration Units, Fluoro Chemicals, and Oil Hydraulics.

Daikin is the global market leader in the manufacturing of variable refrigerant volume systems. Their recent purchase of McQuay International, gives them a strong foothold in HVAC production and distribution in North America.

Brooks Air Systems represents the full line of quality Daikin and McQuay products. Please contact us today with inquiries on how we can assist in your next application.



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