



## FUNDAMENTALS OF AIRFLOW

In this TWO-day class, that is highly rated by those who have taken it, experienced and not so experienced installation or service technicians will discover the answers to many common troubling questions.

Students will learn about how good airflow is achieved and how to find where the problems are in a sick duct system. For students that plan on taking the Manual D duct design course; now required by more and more municipalities, this air flow course will be an excellent introductory course and covers a lot of NATE material also.

Topics Covered: Correcting common duct work mistakes.  
Common mistakes in insulating ducts and how to correct them.  
How flex duct is a major contributor to compressor failures and what you can do about it.  
How to become a genuine "duct doctor" and get air flowing again!  
The CORRECT method of using the duct calculator.  
Airflow related furnace limit tripping and cooling coil freeze ups.  
Why don't air-cleaners clean?  
How to take air measurements and then interpret those readings.  
What test equipment is needed to take airflow readings?

Duration: **2 Days - 8:00 to 4:00 *Combination Lab 40% and Classroom 60%***  
**Class size limited to 16**

Please bring: *A notebook, pen and calculator.*

Price: \$425.00 per Person. Cancellations must be made within two business days prior to the class to avoid billing. "No Shows" will be billed.

Included: Textbooks, handout materials, duct calculator. *A complete Magnehelic kit is included.* A certificate of achievement will be issued upon passing the multiple choice test at the end of class.

NATE Recognized NATE grants 16 hours of credit towards re-certification.  
**Technician must have NATE card with them.**

Where and When: Philadelphia 2000 North 59<sup>th</sup> St  
Wednesday & Thursday September 22<sup>nd</sup>&23<sup>rd</sup> 2010

Camp Hill 490 So St John's Church Rd  
Wednesday & Thursday October 13<sup>th</sup>&14<sup>th</sup> 2010

How to sign up: On line at [WWW.Peirce.com](http://WWW.Peirce.com) Go to "Training Classes" tab