

# EMPIRE

HEATING & AIR CONDITIONING, INC.

*Safer • Cleaner • Better • Since 1985*



## CAN YOU BENEFIT FROM AIR CONDITIONING AND HEATING PERFORMANCE MEASUREMENT?

Your system may only be operating at half it's capacity and efficiency. Even though the air conditioning and heating system may be running, it's not uncommon for this to occur within a system.

We can now measure the performance of your system and improve your comfort, safety, and energy efficiency.

**Empire** is one of less than 3000 air conditioning companies in the world certified in residential air balancing and diagnostics. Previously, this technology has been reserved for only high-rise building and industrial mechanical systems.

Our commitment to your comfort, safety, and proven energy efficiency is unparalleled in the air conditioning and heating industry.

Just as important as our commitment, is our ability to measure and diagnose the elements of comfort in your home or office. The high precision tools we use in our diagnostics are calibrated annually. Our testing procedures combine the latest technology with time-tested air measurement methods.

The certification we hold is from the National Balancing Institute. In order to hold this certification, we must perform testing procedures, diagnostic processes, and system renovations that deliver measured results. Our customers have sought these solutions for decades.

Air is invisible. So are heating, cooling, air pollutants and energy. **Empire** will measure the properties of each of these invisible elements, and then present the diagnostics to you in plain English.

Our job is to provide the information to help you understand your mechanical systems, and to recommend performance improvements, if necessary. You will then have the information to decide how much or how little work you want done.

We invite you to begin the diagnostic process by telling us if you find any of these symptoms. Please review the following questions on the reverse side of this information sheet. This will help us identify comfort problems you are experiencing in your home.

You can reach us at **404-294-0900**.

	<b>COMFORT QUESTIONS</b>	<b>PROBABLE CAUSE</b>
YES NO	Is one or more room in your house warmer or colder than the others?	<b>These rooms may have inadequate airflow.</b> It's the air that moves the heat or cool to each room. Too little air means too little air conditioning or heating, causing discomfort in some rooms.
YES NO	Do you have to turn up the TV when the fan comes on?	<b>High air velocity or equipment noise.</b> Too many of us have lived with a noisy system for too long. This irritating problem can often be easily corrected.
YES NO	Does your system run continuously without adequately heating or cooling?	<b>Poorly performing system.</b> It may be running, but only at a fraction of capacity. A dozen system components must work together for a system to perform properly.
YES NO	Are your utility costs excessive?	<b>Low MPG.</b> Cars are rated by Miles Per Gallon. But what if there is a leak in the gas line? Your air conditioning system's ducts are similar to your car's fuel line.
YES NO	Have you had ongoing problems with your system since it was installed?	<b>Poor installation.</b> 40% - 50% of air conditioning systems have not been designed or installed properly and can be improved significantly.
YES NO	Does steam stay on the bathroom mirror after a bath or shower?	<b>Insufficient exhaust.</b> The typical bathroom fan removes less than 25% of the air needed to properly ventilate the bathroom.
YES NO	Have you experienced any indoor air quality problems such as dust, dirt, moisture-related conditions, or odors?	<b>Damaged ducts.</b> Return ducts have suction in them and most leak. The result is dust and insulation pulled in from the attic or fumes from the garage. These are delivered into the home.



**A National Comfort Team Member**