

## National HVACR Educators and Trainers Conference

### Beginning Blower Door and Duct Leakage Testing



**Frank Spevak, the Marketing and Sales Manager of The Energy Conservatory**

#### **BIO:**

Frank Spevak, the Marketing and Sales Manager of The Energy Conservatory. Frank has been with The Energy Conservatory since 1999. Prior to that, he was with TSI and Alnor Instruments. Frank is currently the chair of ASHRAE Technical Committee (TC) 7.7 Test & Balance, also chair of the revision of ASHRAE Standard 41.3 Standard Methods for Pressure Measurement, he also a past chair of TC 9.10 Laboratory Controls and TC 1.2 Instruments & Measurements. Frank holds a bachelors degree from Loyola University of Chicago and a master's degree from the University of St. Thomas in St. Paul.

#### **Session description**

Energy conservation has been in the news on a regular basis. Conserving energy in homes is more than just turning down the thermostat in the in winter. Energy usage in the home is tied to how airtight a home is, as well as if duct work is outside the thermal envelope, how tight the duct work is. In this session, we will provide the basic understanding of what a blower door is, what a duct leakage tester is, how to use each device and how this information is important when determining hvac system sizing for new and retrofit.

#### **What attendees might gain from attending:**

The attendee will learn about building science and how it can benefit the hvac technician. Information from this presentation may be incorporated into training programs to help students understand the relationship of the house to the hvac system.