



1500 E. Main St Owatonna MN 55060

507-451-6388

info@demlheating.biz

Deml Heating and Air Conditioning offers complete testing & reporting services for the HVAC industry in Owatonna and surrounding communities.

With over 35 years of practical experience, and having been in business since 1966, we feel we have a pretty good understanding of what is required by the code and by our inspectors.

**We Encourage
Professionalism**

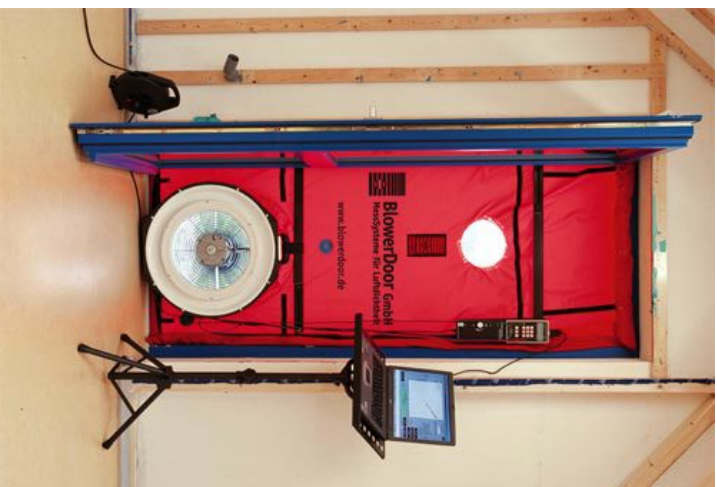


**Through Technician
Certification by NATE**

We stand behind our NATE certification amongst others as a testimony of our professionalism.

At Deml Heating and Air Conditioning, we have the tools and training to test a variety of applications and standards.

For additional information, please give us a call!



BLOWER DOOR & DUCT LEAKAGE TESTING

The 2015 Code has brought about the need for testing of new houses



MN Energy Code R402.4.1.2
States the new residential structures cannot have over 3 air changes per hour, and that testing is required with a signed report reflecting compliance.

MN Energy Code R403.2.2
States that any new ductwork needs to be sealed, and that any duct outside the building envelope needs to be tested for leakage of less than 4 cfm per 100 sq ft of floor space.



1500 E. Main St Owatonna MN 55060

BLOWER DOOR TESTING INCLUDES THE FOLLOWING

Measured Leakage Rate at 50pa
ACH50 Number Required by Code
Estimated Annual Air Change Rate
Estimated Cost of Air Leakage

Single Point Test

- OR -

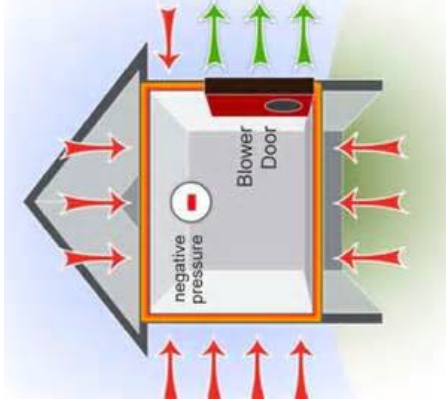
Multi-Point Chart with Data Points

Mechanical Ventilation Requirement
Based on **ASHRAE 62.2-2010**



INFORMATION REQUIRED FOR A FULL REPORT

House Dimension and Layout
Local Utility Rates

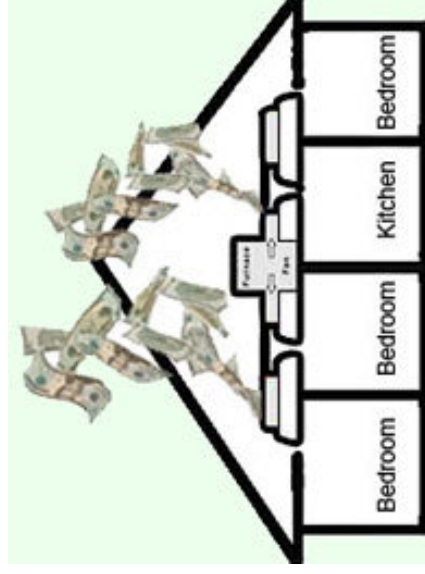


Pricing is based on a per hour rate

Blower testing averages 1-2 hours field work and 1 to 2 hours office

Duct testing averages 2 to 3 hours in of field work and 1 hour office

We will work with contractors that wish to do some of the prep work themselves prior to testing



DUCT LEAKAGE TESTING INCLUDES THE FOLLOWING

Measured Leakage Rate at 25pa

Percentage of airflow and building area

Test supply and return ducts individually or together

Test with or without air handler or furnace installed

Rough-in test recommended on new house ductwork located outside the building envelope

- OR -

Post Construction test used to verify entire system performance

INFORMATION REQUIRED FOR A FULL REPORT

Square footage of conditioned floor area

Designed system airflow = CFM