



The G.F. BOWMAN PIPELINE



PLUMBING, HEATING, AIR CONDITIONING

SPRING 2009

Seasons come and seasons go...

By Larry D. Bowman



Having been born and raised in Central PA I sometimes wonder what it would be like to live in other parts of the country. However, since I don't find the idea of a 70 degree Christmas morning or heading out to work in sub zero temperatures especially appealing, I have come to realize that I truly enjoy the climate and the four distinct seasons that we experience here. Having four defined seasons definitely gives us the opportunity for change of scenery as well as the ability to enjoy activities that go with each season. While I enjoy the changes in outside conditions, I prefer for my indoor conditions to be comfortable all year long.

Indoor air quality has an important impact on your families comfort, health and your home's energy efficiency and furnishings. Whether your home has temperatures that vary from one room to another, or you or your family is bothered by allergens and other airborne contaminants or your home's woodwork is showing damage because of conditions that are too dry or too humid, the proper indoor comfort system can control



these disturbing issues. As for those pesky drips coming from your faucet or water stains in your sinks, one of The Bowman Team's plumbers can advise you on your best solution.

We at G.F. BOWMAN always appreciate the opportunity to serve your plumbing, heating and air conditioning needs. So please keep in mind



**Winter, Spring,
Summer, Fall
No Matter The Season
No Matter The Reason
When It Comes To
Your Indoor Comfort
We Do It All!**



A Big **THANK YOU** to everyone who visited our booth at the 2009 PA Home Show in Harrisburg and at the Lebanon Builders Show. Thank you for your support!

The Bowman Team

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IGSHPA...what is it's meaning?



What does IGSHPA stand for?

IGSHPA is the International Ground Source Heat Pump Association. This group was "established in 1987 to advance geothermal heat pump (GHP) technology on local, state, national and international levels"¹. The organization uses its facilities to hold installation training on ground source heat pump systems and also conducts geothermal research.



What does it mean to you?

This means that a company that employs accredited installers/designers will be able to design a system and select the equipment that is best suited for your home.



Who is certified?

Here at G.F. Bowman, Inc. both Bob Berkhimer and Brad Bowman are IGSHPA accredited installers. Each of them are also WaterFurnace Geothermal Piping Design Certified. By having both of these certifications, Bob or Brad will be able to come to your home with the training and knowledge to design a system that will make your home comfortable using the free, renewable energy found in your own backyard.

If you are interested in learning more about geothermal heating and cooling or would like to have your home evaluated for a ground source application call (717) 273-8519 or (717) 561-7800 and ask for Bob or Brad.

¹“About Us | What is IGSHPA?” 2006. IGSHPA. 2 April 2009. <http://www.igshpa.okstate.edu/about/about_us.htm>



Tax Credits, Rebates, & Financing!!!

The Federal Government and the Pennsylvania State Government are offering tax credits, rebates, and low interest financing for energy efficient system installations.

Home Energy Efficiency Improvement Tax Credits

Homeowners who purchase and install energy efficient heating and cooling equipment in their homes can receive a credit for 30% of the cost, up to \$1,500. The equipment must be "placed in service" between January 1, 2009 and December 31, 2010.*

Residential Renewable Energy Tax Credits

Homeowners who install geothermal heating and cooling systems can receive a 30% tax credit for systems placed in service between January 1, 2009 and December 31, 2016.*

*More information can be found at www.energy.gov

Keystone Help Financing & Rebates

Pennsylvania is offering financing or rebate options on top of the Federal Tax Credits. PA offers rebates of 10% up to \$250 for the installation of qualifying improvements that are Energy Star rated and up to \$500 for the installation of qualifying improvements that exceed Energy Star standards. Fixed rate loans are available as low as \$3.875%.**

** Homeowner must meet required eligibility. More information can be found at www.keystonehelp.com

"I love spring anywhere, but if I could choose I would always greet it in a garden." ~Ruth Stout



Feel the Pressure???

Did you ever feel you needed more pressure? Water pressure that is.

For many customers of municipal water systems, low or inconsistent water pressure can be a problem. Water main pressure can be reduced during peak water usage periods due to the addition of new homes and larger demands on the piping systems in your home. Help is available through the use of a constant pressure pump.

A plumbing professional from G.F. Bowman, Inc. can install an AquaBoost constant pressure pump system made by Goulds Pumps.

Here's how it works: As water flows to your house, it loses some of its pressure due to friction inside the pipes. The higher the flow the more friction reduces your water pressure. As water use increases, the AquaBoost changes pump speed to keep your water pressure constant. AquaBoost pumps are available in a wide range of flow rates to handle homes with up to four bathrooms, irrigation systems, and fire suppression systems. Set your pressure and the AquaBoost pump will take control.

For just the right amount of pressure in your home, call us today!



Not feeling it here....



**Finally....
PRESSURE!**

Humidity Control



Humidity Control is one option that many houses do not have, but it can have a large impact on your overall comfort. So what is humidity? Humidity is vaporized water in the air. The most common term you will hear when discussing humidity is Relative Humidity (RH). RH is the percentage of water in the air at a specific temperature.

So how can humidity have an effect on comfort in your home? In the winter time it can be very dry in our area, which can cause dry skin, nose bleeds, hardwood furniture/cabinets/floors to crack, and even pianos or other instruments to become out of tune. This can all be prevented through the use of a humidifier during the heating season. RH levels for a home in the winter should be in the range of 35-50%, while in the summer months it should be between 50-60%. In the summer months, air conditioning will help to dehumidify your home. Almost every home in our area should have a standalone dehumidifier to be used in basement and/or crawlspace areas to prevent the cultivation of mold and mildew. This also helps to keep the allergens that thrive on moisture down, which is a relief to allergy sufferers.

By maintaining proper RH levels you can prevent mold growth and have better comfort within your home. Also, you can save on both heating and cooling costs. With a higher RH in the winter you will have the same comfort at a lower temperature than with a higher temperature and lower RH. The opposite is true in the summer, with a lower RH in the summer you can maintain a higher temperature on your thermostat with the same comfort while reducing your cooling costs. For every 1 degree you turn your thermostat higher or lower depending on the season you will save approximately 3% of your heating and cooling costs when you are within recommended RH levels.

"GET THE BOWMAN TEAM WORKING FOR YOU"



G.F. BOWMAN, INC.

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Spring 2009

Rebates & Warranties



TRANE Rebates up to \$1000*

10 year labor warranty
on XLi systems*



Turn to the Experts.

Carrier Rebates up to \$1000*

Free 10 year parts
warranty*



Amana Rebates up to \$400*

Free 5 year labor warranty*
\$99 10 year labor warranty*



* On Qualifying systems only, specific rules may apply, please speak with sales person for more information.



We are proud to
be members
of, and associated
with, these
fine organizations



Baked Bean Casserole

After being cooped up for the winter, lets head outside for a Spring Picnic with this yummy Casserole!

Ingredients:

1/2 lb of Ground Turkey	1 Cup Onion
1 - 28oz can pork & beans	
1 - 15-16oz can red kidney beans (rinsed & drained)	
1 - 17oz can white kidney beans (rinsed & drained)	
1/2 cup BBQ sauce	1/2 cup ketchup
1/2 cup sugar	2 Tbsp Mustard
1/2 cup packed brown sugar	1 tsp salt
2 Tbsp molasses	

Instructions:

In large skillet, cook turkey until browned. In 2 1/2 quart baking dish, add all beans, meat, and onion; mix well. In a small bowl, combine remaining ingredients, stir into the bean mixture. Cover and bake at 350° for 45 minutes. Uncover and bake 15 minutes longer.

Enjoy!

