

The



Herald

Fall 2003

Our Bradford White Water Heaters Meet New Safety Requirements

As of July 1, all 30, 40 and 50 gallon conventional, gas-fired water heaters manufactured for sale and use in the United States must include design features and components to resist ignition of flammable vapors outside the water heater. These vapors can exist when gasoline and other flammable material is improperly stored or used in the area around the water heater.

While no technology is immune to improper installation, use or service, we believe the Bradford White® maintenance-free heater with its Defender Safety System™ offers our customers the best value.

Newer power vented water heaters must comply by July 2004, and the following year, the law affects all gas-fired models with inputs of 765,000 BTUs or less.

The Defender system draws air for combustion into the water heater through the opening in the jacket. This air travels down and around the combustion chamber and enters



through holes in the very bottom of the corrosion-resistant combustion chamber. The air then travels up through the oriented louvers on the flame arrestor plate, where the velocity of the air is increased and its direction altered. The air then mixes in the normal manner with the gas and is efficiently burned, producing very low nitrous oxide emissions.

If trace amounts of flammable vapors are present in the air flowing into the combustion chamber, the vapors are harmlessly ignited by the burner or pilot flame. If flammable vapors are present in sufficient quantities to prevent normal combustion, the burner/pilot flame is shut down.

Should the flammable vapors continue into the burner, the flame arrestor plate will prevent the flames from traveling backwards and igniting vapors outside the combustion chamber. A calibrated, multi-purpose thermal switch recognizes this and shuts down the pilot and main burner. This switch also deactivates the burner and pilot in the unlikely event that airflow is restricted by the severe accumulation of lint, dust or oil on the arrestor plate.

BRADFORD WHITE
CORPORATION

Serving the Finger Lakes & Central New York Since 1984

Continuing Education For Our Staff

Electrical Troubleshooting For Plumbers

Today, plumbing is more than pipes. Many of the automatic functions require controls. And, controls require electricity. This means plumbers have to be as proficient in electricity as they are in mechanics.

Appliances like hot water heaters and well pumps all have electrical circuits, which must be considered when troubleshooting.

Seven of our technicians gave up two Saturdays in August – the middle of summer – to take a 16 hour course that we designed in conjunction with the Business Analysis and Training Center (BATC) in Clyde. BATC taught the course.

Thanks to Dave Adam, Ralph Cronenberg, John Eaton, Gil Hall, Blake Park, Dave Rodriguez and Rob Tweedie for interrupting their summer for this new educational opportunity.

NATE Testing Continues To Be Important At Halco

NATE Certification continues to be an important credential for Halco technicians. To start the process, a technician must take a core exam that tests basic, general knowledge of heating and air conditioning. There are then specialty exams for various aspects of the profession. At least one of those tests has to be successfully completed before a technician can be NATE Certified, and then certification is only granted in that specialty. Additional certifications are granted for successfully completing other specialties.

On Saturday, August 9, six of our technicians took NATE exams at the Business Analysis and Training Center in Clyde.

Congratulations to Ralph Cronenberg for passing the gas heat exam, John Eaton for the core and gas heat exams, Todd Martin for the oil heat exam, Dan McConnon for the air distribution exam, Dan O'Donnell for the core and gas heat exam and Ron Prober for the heat pump exam.

Education Important For Jim Haremza



Jim Haremza's nickname is "The Brain Surgeon", and he studies like one. His studies have paid off, too. Jim holds all five NATE certifications – gas heat, oil heat, air conditioning, air distribution and heat pumps. In addition, he is one of our technicians who is NORA Gold Certified, as reported in the last issue. NORA certification is conferred by the National Oil Research Alliance.

Jim, who lives in Naples with his wife Penny and their three children, has been in the HVAC business for 32 years, the last eight with Halco.

New Local Phone Number In Cortland

If you live in Cortland, you can now pick up the phone and make a local call for Halco service. The number – 607.753.1123 – is listed on page three.

Generate Your Own Emergency Power



We are so impressed with the Guardian generator that workers installed a system at the Halco office so our phones and computers will continue to operate in the event of another power outage.

Just as the sun and warmth bleached the vivid memories of last April's ice storm to mere shadows in the back of our minds, the lights went out again in August. Is there something about months that start with "A"? Now's the time to be sure that you are never in the dark again. Learn more about an automatic standby generator for your home. It costs less than you think.

When you calculate damage to a finished basement, spoiled food, and possible off-site housing costs, and then factor in an amount for your family's comfort and health, a standby, natural gas or propane fired generator is an investment that you should consider now, before you need it again.

If you own a home-based business, especially one that relies on computers, you need a generator to protect your equipment, files, records and earning ability. If you need electrical power to maintain your health, an automatic generator is a must.

We have installed large, Generac® brand generators for our commercial customers. Their performance is so good that, we are now offering the company's Guardian residential models.

Periodic power outages are a fact of life in our area, so we'd like to meet with you at no cost or obligation, to price out a system to protect your family.

Geneva Resident Opts For Top of Line When Converting From Oil to Gas Heat



Paul Vassello and his daughter Lauren enjoy their comfortable Geneva home.

When a gas line was run past his home on Routes 5 & 20 in Geneva, three years ago, Paul Vassello called Halco's Paul Smith to run gas into the house and replace his electric water heater. He also called Paul for central air and, last fall, to replace his older oil furnace with a new top of the line high effi-

ciency gas furnace. We installed a Carrier MVP furnace (pictured below right) with pleated media, carbon and UV filters. And, while he was at it, Paul Vassello had us install the oil furnace in his barn.

Paul called us because he knew our people "don't spend a month on the project. They don't leave until they're finished. They also are very neat and even sweep the floor before they leave."

Shortly after the new water heater was installed, it needed service on a Sunday. Paul didn't hesitate to call Halco, and a technician was there within an hour. He explained that the unit was faulty, and replaced it at no charge.

His experience has made Paul Vassello quite a Halco salesman. He has

recommended us to at least three of his relatives and neighbors, countering any price concerns by telling about the quality of our service.

Now Paul Vassello and his family enjoy nice even comfort 24/7. He says you can hardly tell when the multi-stage furnace kicks on, and the filtering system keeps the indoor air fresh all the time.



Welcome Two New Technicians



John Eaton

We welcome two new service technicians to the Halco family. They are John Eaton and Dan O'Donnell.

John recently moved to Romulus from Houston, Texas where he worked in heating, air conditioning and refrigeration for 11 years. For the past eight years, he has specialized in transportation refrigeration as shop foreman for Carrier Transicold in Houston.

John is from Cobleskill and his wife, Michelle, is from the Finger Lakes area,



Dan O'Donnell

so they moved back to the area with their daughter.

Dan, who lives in Shortsville, studied electricity at BOCES in Flint, and served in the Army before working for Herendeen Brothers in Shortsville for 20 years and then for Interstate in Geneva before joining Halco.

Dan is the former high school baseball coach for Red Jacket, serves in the Army Reserve and is active in the American Legion.

Where We Are

Call any of our local phone numbers listed below and a service or installation team will be dispatched from right nearby to take care of your problems quickly.

<u>Community</u>	<u>Number</u>
Phelps	315.946.6200
	800.533.3367
Fax	315.946.6676
Newark	315.331.3912
Geneva	315.781.0556
Canandaigua	716.396.2668
Penn Yan	315.536.0633
Auburn	315.253.7939
Rochester	716.271.4330
Ithaca	607.277.3154
Elmira	607.733.0420
Cortland	607.753.1123

Halco Family Clambake

How does an HVAC contractor thank loyal employees, many of whom are on call 24/7? And families whose sleep is disturbed by those emergency calls in the middle of the night? And suppliers who make sure our technicians have just the right parts and equipment? Hal and Tammy Smith showed their appreciation on a warm Saturday afternoon in August by putting up a big tent in their yard, calling on relatives not in the business to cook, renting inflatable kids games, hiring a band and holding a clambake.



Halco In Kraut Fest Parade



Members of the Halco family prepare our float, including our sheet metal "Tin Man", for the annual Sauerkraut Festival parade in Phelps. You'll be able to see highlights of the parade and festival this fall on cable TV. The Food Network will be featuring the event on its "Great American Festivals" program.

Free Comfort Tip Via E-Mail

Now, you can read comfort tips right on your computer screen each month. Just e-mail halco@fltg.net, and we will be sure you receive our comfort tip every month. You can also use that address for specific heating and air conditioning questions.

Visit Us at
www.halcoheating.com



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Return Service Requested