



**Masonry
Heater
Association**
Of North America

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The Mortar Board

Creating the MHA Bond

Fall/Winter 2005

Here's What's Happening in MHA!

Jerry Frisch, President

Dear Fellow Members/Ladies and Gentlemen,

Time flies in the Heater World. Seems like yesterday I was writing the 2004 Report - and it seems everyone is busy. Several workshops have been offered but no one could get time off to go. In talking to Bev, she reports we are at 102 members strong and growing. Also, we have gained several new certified members, CONGRATS to them!

New News

There is a new federal rule (law) addressing clean burning products. Masonry heaters being 75% thermal efficient - hopefully we can get our ASTM thermal performance standard passed and approved by EPA, then we can tweak and test to meet those requirements. Basically, if we test over 75% thermal efficiency the owner (possibly builder), will qualify for a 25% tax break, up to \$3,000.00 per job. That could make a big difference on sales. The not so good news is there has not been any money allocated yet and how to administer it. Consensus is the law is there and it will take at least a year for us to see any benefit. But stay ready, hopefully we can qualify. We'll keep you all informed. See Tina's report on the ASTM performance test in this issue for more detail.

I recently heard the CrossFire product has resurfaced with a new owner. but, have not personally seen anything in writing. For those who do not know an election was held at Wildacres 2005 and the only change was Albie dropped out and Tim Seaton is our new VP. Welcome aboard, Tim!!! See the Wildacres report this issue by John Rousseau.

Upcoming Workshop.....

In February 2006, in Mexico, Ben and Frank Sotero plan to lead a heater build workshop. Actually it will be 4 heaters and one oven. This will be in the Southern Highlands near the Guatemala/Mexico Border. Tim Seaton and I plan to attend. It will be in a new facility in a secure compound. Meals and rooms included, no cost, no pay, and a mission environment. A Mayan Ruins field day is planned while there. I expect it to take two or three weeks. It will be for P.U. by Ben. Fly into Mexico City then on to a small southern town, so if there is an interest let Ben or myself know and we will keep you posted as things evolve.

Calculations.....

I went to a Heater Calculation Work Shop Seminar presented by Tim Seaton, our new VP and Tom Stroud in Vancouver, WA this summer. I asked them if they would or could make a two-day presentation before Wildacres in some hotel. I do not know if they will or can, but is there any interest???? I thought it was excellent. Anyone interested should let Bev, Tim or myself know and I will try to get it going.

MHJ (Masonry Heater Japan)

In July, four members (John Fisher, Rod Zander, Gary Hart and myself) went to Japan to build three heaters and train their masons. Only two showed up, our own member Michiko Kudo (Mitchi) and Mr. Nozaki's mason. See Gary Hart's blow by blow report this issue for the first two weeks. On the last week I kept notes, but we basically continued as in

MHA CALENDAR

January 1, 2006 MHA 2006 Membership due - Form Enclosed

March 9 - 11, 2006 HPBA EXPO in Salt Lake City, Utah

MHA Meetings at HPBA EXPO

Friday, March 10th Board of Advisors meeting 3:00pm - 4:00pm

Friday, March 10th HPBA Masonry Caucus 4:00pm - 5:00pm

Saturday, March 11th ASTM E-6 meeting 8:00am - 5:00pm

April 13 - 20, 2006 MHA Annual Meeting at Wildacres Retreat, Little Switzerland, NC

Taking paid reservations now!

Officers 2005 - 2007

President	Jerry Frisch
Vice President	Timothy Seaton
Secretary	Gary Hart
Treasurer	Rod Zander

Administrator	Beverly Marois
Webmaster	Norbert Senf

www.mha-net.org

MHA Board of Advisors

Charles (Chip) Clark
John Crouch
Rick Curkeet
Ashley Eldridge
Ben Myren
William Reynolds
Paul Tiegs
Robert Zimmerman

(Jerry continued)

the first two weeks. The first and third heaters with ovens were built in "Morioka" at Mr. Nozaki's stove shop. We all started that one, and then Gary, Mitchi and I finished it. Then Gary left. Mitchi and I started #3 and got it up to the oven level. Rod and John built #2 heater and oven in the village of "Ohasama" where our member Hikari Fukazawa (Hickory) and his family live. The heater is in his wife's parent's store, next to her bakery.

Gary left on the 24th, a Sunday. The rest of us went sight seeing and hot springs hopping. On Monday, the 25th, we were all back to work, Mitchi and I to the stove store on heater #3, which was built on a steel pad, approximately 5/8" thick, to be moved to a future home, yet to be built in the Fall of 2005.

Tuesday, the 26th, started base courses and firebox. One of Mr. Nozaki's clients came by to see woodstoves, etc., turns out he was with a local TV station. He asked to send a crew to record our project for the local news. Mr. Nozaki said yes. So on Wednesday, the 27th, as we progressed on #3 with the facing, etc. a reporter and cameraman came and did their thing. Mitchi was the gracious interpreter. So wow! I have never been on the 6 o'clock news before, but IT DID NOT GO TO MY HEAD! Also, on Wednesday, yours truly turned 73 and there was a Japanese lunch birthday feast. Then that evening, at our apartment, there was a home cooked, all-out Japanese birthday party complete with Saki and noisemakers and confetti.

On Thursday, the 28th, all was back to normal. One year older and hopefully wiser, Mitchi and I continued on Heater #3. John and Rod continued on Heater #2, with a few lengthy discussions about how it should progress. It should be a good one, because consensus is not always easy to reach. On Friday the 29th, Mitchi and I cleaned up the forms used to make the oven lintel and capping slabs for #3 and with Mr. Nozaki's help poured them for his mason to complete the heater after it was moved. Rod and John finished #2 except for the Stucco. Saturday, the 30th was a relaxing walk about town. John, however, is a work-aholic so he worked most of the day alone on the stucco. It sure looks good. Saturday evening we were all invited to Hikari's friend for dinner. He has a TuliKivi in his home and took some of the photos you will see at Wildacres. He also speaks good English, and was a good resource for beer supplies. On Sunday, the 31st, we went sight seeing and in the evening Hikari took the three of us to a festival, about a 45 min. drive from "Ohasama". It lasted 6 hours; we got in 4 hours and decided to get back to our room to pack. It was a beautiful, full costume performance in traditional Japanese costumes, on stage in the woods surrounded by temples. The performers dance to a drum and symbol beat, one, two or more at a time. It reminded me of a native ceremonial type performance. It was outstanding in my opinion and I could have stayed for the full 6 hours, but the young kids got tired and restless, so we left, (not naming names, but R & J). On Monday, August 1st, we caught the bullet train back to Tokyo, a 2 1/2 hour ride. At 170 mph. you do not see much up close but the countryside was beautiful. Tuesday, the 2nd, John went to downtown Tokyo sight seeing alone, Rod and I walked around and visited a park full of temples, before we had to check out of our hotel and fly home. All in all it was a trip of a lifetime. And the hospitality was outstanding.

Wildacres.....

In my opinion no job is too important to miss Wildacres. Bev already has 16 paid reservations for the April 13th to 20th, 2006 event. There will be lots of excellent workshops and seminars, and do not forget the Pizza Party. I have always learned something at Wildacres events to save or make more money than the cost to attend. That is the good news!! The bad news is we only have "60" beds available, so the first 60 "PAID" reservations will be accepted, no maybes. Bev has turned away people the last 2 years, even after being able to squeeze in a few at the last minute. Don't wait too long; give yourself an early Christmas present. Hope to see you there.

At Wildacres we had the pleasure to meet one single lady who has been an active mason for several years, as well as three ladies who work with their husbands in the trade, and Ernst Kiesling brought his daughter, who by the way, is now a certified mason. Welcome aboard ladies. I hope we can help you in the pursuit of your careers.

The other big event not to be missed at Wildacres is the annual auction. This year we raised over \$7,000.00 for MHA. Thanks to everyone who donated or purchased. Next year we need to outdo ourselves. Everyone wanted my cowboy hat in the ring. Well, I have decided for the 06 auction I will throw in my (A) cowboy hat plus 4 days (yes) of my time on a project of your choice. One you may need help on something, maybe new to you or just need back up help. I'll get there, and then you get the hat. This offer is for non-certified members only. (If you are certified you probably don't need my help.) So having offered that we will see what I am worth, kind of scary!!! So anyone who has something of value to offer let Bev know. Even if you can't come, send a photo or description as to what you have to offer.

Hope all is well in your Heater World. Have a blessed Holiday Season and hope to see you all in the spring.

J. E. Frisch

Bits & Pieces from Bev

- **102 MHA Members as of press time!** Last year - 82 members of which 61 attended Wildacres 05. Zane Dittman of Bonners Ferry, Idaho - the 100th MHA member was awarded with the MHA black fleece vest.
 - ✦ **Wildacres paid reservations are now being taken.** We are limited to 60 this year.
 - ✦ The MHA Heater Portfolio is now in the hands of 127 owners for a profit of \$4315 to MHA and selling!
 - ✦ **Masonry Magazine, October 2005 - "The Heat is On"** - 7 pages - 18 pictures from MHA Headquarters workshop has created prospective heater mason inquiries. Jay Hensley was the author.
 - ✦ The **Raytek Non-contact Thermometer** is available again for members at a low price- see membership form - limited supply!
 - ✦ **Bill Reynolds of Solutions to Healthy Breathing**, Fairbanks, AK has accepted an Advisory position on the MHA Board. Attendees at Wildacres 05 had the pleasure of meeting Bill. Welcome aboard Bill and thanks!
 - It's not too early to think about what you can donate to the **MHA Auction - Wildacres 06**. You don't have to bring it with you - but you will need a write-up and details.
- FYI - MHA Headquarters**(Marois Log Home- 2400 sq ft) burned two cords of wood last winter(first winter with new heater - <http://mha-net.org/docs/v8n2/docs/wkshop04b.htm>)
Two fires daily when 20 degrees or below/31 lbs of hardwood each firing.
Oil back-up kicked in at 15 below zero with the thermostat at 64 degrees.
Very efficient, oil bill cut tremendously and feels like "sunshine on a cloudy day"!

WANTED ASAP! A 5 x 7 quality colored photo of "your favorite/or best heater" in a finished setting- with a fire burning!
From Members Only! **WHY??** You'll find out soon enough! Either mail or email them to me!

Web Report (www.mha-net.org)

by Norbert Senf, Webmaster

Page views on MHA-NET are running at around 3,500 per day, which is a 25% increase over last year.

MHA resides on the site, as do a number of sub-sites (sub-domains). All of the traffic and inward bound links count towards MHA-NET's search engine ranking, which has always been #1 on Google for the search term "masonry heater".

Top three pages for the week ending September 24 were:

The Brick Oven Page (on the MSB sub-site):	2,600 views for the week
MHA Home Page:	1,560 views
Surfin' Strawbale Links Page:	1,393 views

MHA Certified Heater Masons

Recently qualified MHA Certified Heater Masons:

Edith Kiesling of Blockhouse, Nova Scotia, CN
Joe Prinzivalli of Lamy, NM
Alex Chernov of Alton, Ontario, CN

David Thomen of Livingston, TN,
Jeff Kuczmanski of Rhineland, WI

Joining the elite group of MHA Certified Heater Masons:

Jerry Frisch, Everett, WA
Rod Zander, Goshen, CT
Steve Bushway, Cummington, MA
Dann Carnes, Chapel Hill, NC
John Fisher, Sweden
Norbert Senf, Shawville, Quebec, CN
Ben Sotero, Aptos, CA
Heinz Flurer, Salt Lake City, UT

Gary Hart, High Ridge, MO
Frank Sotero, Reno, NV
Pat Manley, Washington, ME
Mark Klein, Amherst, WI
Ken Matesz, Swanton, OH
Timothy Seaton, Camas, WA
William Davenport, Burlington, VT
Martin Pearson, Plainville, MA

To achieve this honor, a mason is required to demonstrate a working knowledge of relevant housing and fuel burning regulations and sufficient knowledge of masonry work by providing professional credentials deemed acceptable to the MHA. He also must provide evidence of working knowledge of masonry heater design and construction consisting of verifiable documentation of three masonry heater construction projects completed within the past five years. To finalize the certification honor, he must achieve a passing score on the MHA certification exam.



2006 Masonry Heater Association Annual Meeting

April 13 - 20, 2006

Wildacres Retreat in Little Switzerland, NC

\$325 for the week (includes 7 nights lodging & meals)

First come - first served basis this year with payment in advance! (See Membership Form.)

Attendees must be paid Members.

Outdoor Workshops

- ◆ **Peter Moore of Peter C. Moore Masonry, Inc., Pawlet, VT** renowned builder of commercial & domestic bake ovens and masonry heaters will host a workshop in building one of his hand-built beehive ovens. Annual Pizza Party to follow curing!
- ◆ **Alex Chernov of Stovemaster - Alton, Ontario, Canada** will host a contraflow heater build which will be converted into a single bell heater working by the principles of the "system of free gas movement", and later into a double bell heater. All versions will be fired separately and testing of modifications will be performed.
- ◆ **Norbert Senf of Masonry Stove Builders, Shawville, Quebec, Canada** will be hosting a hands-on heater testing workshop that will be tied into a classroom session. Tests will be performed on the Stovemaster project.
- ◆ **Tom Trout of Vesta Masonry Stove, Inc., Burnsville, NC** will host a brick making session with a Cinva Ram Press. A contraflow heater will be built from the bricks.

Indoor workshops, talks, seminars:

- ◆ **Fetze Tigchelaar of Tigchelaar Tegelkachelsof the Netherlands** will be bringing a new heater for demonstration and donating it to the MHA auction.
- ◆ **Stole Burrowes, Asst Prof of Interior Design at Virginia Commonwealth University School of Arts** will host a seminar on three dimensional drawing of masonry heaters and room planning.
- ◆ **Norbert Senf of Masonry Stove Builders, Shawville, Quebec, Canada** will present a morning classroom session on "Introduction to Masonry Heater Physical Principles and Testing"
- ◆ **MHJ - Masonry Heater Japan presentation & slides**

Workshops are also in the planning stages in basic masonry techniques, stucco, and soapstone machining.

Third Annual MHA Auction - great fun and \$7,000 for MHA in 2004. Donations were from members in Japan, the Netherlands, Belgium, Canada and the US. Bring along or have in mind anything you think someone else would bid on.

Evenings will be for personal exhibitions - anyone with slides (digital or CD's) to show off his or her latest projects.

Evenings will also include informal Question & Answer Sessions and Troubleshooting Sessions.

There will be time for the hands-on certification testing, as well as the written test for anyone who is ready.

If you have anything that you would like to suggest for the meeting - please let Bev know!



Wildacres 2005

as experienced by
John Rousseau,
Red Clay Construction Inc.
Belle River, PE, Canada

A record 61 passionate masonry heater enthusiasts met at Wildacres Retreat, North Carolina, in April 2005 for the 21st annual Masonry Heater Association meetings. The first day was dominated by the business of running the association. We heard that the association is up to 84 members, now. The website gets 20,000 hits per month. Our association's expenses are higher than normal these past few years because of the high cost of pursuing the ASTM effort. There were also spirited discussions on ethics and ways to improve the association. A steering committee was set up to discuss these ideas further.

Hans Nicolaisen of Nick's Welding, who builds masonry heater dampers in Maine showed some of his high quality dampers and spoke of trends making dampers for heater builders.

Ernst Keisling of Canadian Kachelofen, Nova Scotia, spoke on the need for heater builders to take a coordinated "green" approach and challenged the association members to aggressively promote the building of heaters. Ernst called for an intensive education program to train heater builders to play a greater role in shaping the future of the planet.

Alex Chernov of Stovemaster, Ontario spoke of the system of "free gas movement" in heaters and how gravity and gas separation work in heaters built in his native Ukraine.

On Wednesday the crew descended upon the area next to the barn to begin the outdoor workshops. Trucks were unloaded, two wetsaws were set up, clay and sand mortar was mixed. The scene was soon a hive of noise and activity as three heaters and a bakeoven were under construction.

Albie Barden hosted a workshop where a mid-sized heater was built using 24 x 24 clay flue tiles and soapstone caps as the exterior of the heater.

Pat Manley and his crew built a vaulted-arch, barrel-shaped bakeoven using a combination of regular and tapered firebrick. Pat prepared written plans which will be critiqued and eventually become available for sale from the MHA.

Doug Hargrave and his team erected a Tulikivi soapstone heater complete with custom damper and wall thimble. This heater was generously donated to the MHA and later sold at the auction.

Jerry Frisch led the construction of a corner-installed, three-sided heater of contraflow design. Using clay tiles for channels, this heater promises to be economical and efficient.

John Fisher showed a small group how to lay out a jack arch. The bricks were then cut to size and the arch was installed over the door of Jerry's heater.

On Wednesday evening, Dirk Bauwens of Belgium helped Fetze Tigchelaar of the Netherlands present his ideas to the group. Using a combination of the top-down burn and a rapid introduction of combustion air, Fetze has achieved such a high rate of combustion that primary and secondary combustion become indistinguishable from each other. Fetze showed slides of his unique, pre-cast custom heater kits. Later in the week, Tom Trout brought one of Fetze's heaters to Wildacres which the group assembled outdoors in some 40 minutes.



Donna Hasbrouck & Michiko Kudo
mixing clay



Donna Parris, Joe Parris, Glenn
Overk & others look on as Jerry
Frisch hosts three sided
heater workshop

Rod Zander spoke of the ASTM sub-committee that is working on the firing protocol for masonry heaters. Information is being documented on issues such as heat output, efficiency, emissions and safety which will allow masonry heaters to have their own category and standards in future EPA regulations. MHA members are asked to contribute time and money to help this initiative and to join the ASTM and the HPBA.

On Thursday evening, Michi Kudo presented the group with a video taken by Hikari Fukazawa at his home in Japan where he invited MHA volunteers to go to Japan and build a heater.

On Friday we had our annual pizza party that was hosted by Frank Giammaria and his two sons, Domenic and Sergio. Despite the rain and fog, the Giammarias entertained the group with grace and ease as they turned out dozens of pizzas. Frank even brought his special truffle topping with him from Montreal where he owns a pizza restaurant that boasts two wood-fired ovens.

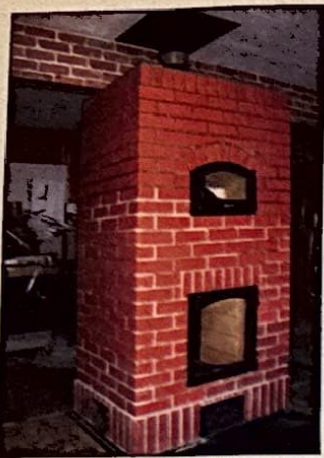
Friday night saw the annual auction where our able auctioneer, Pat Manley, led the bidding for all the donated items. We raised thousands of dollars for the MHA amidst a lot of laughs. A big thanks goes out to all the generous donors.

Saturday morning saw some spirited discussion regarding who will be in the executive positions. Albie started things by resigning to allow new blood into the executive. Tim Seaton and Joe Parris were nominated to fill the VP position. Joe then declined the nomination which made Tim the new VP by acclamation.

We agreed to form a Wildacres Committee with Tom Trout and others to make sure future workshops are well organized.

We are grateful of the effort put in by the workshop presenters - both outdoor and indoor. We owe a lot of thanks to the people behind the scenes like Bev who wrestles with many of the details and Tom Trout who supplies all the necessary incidentals like sand, clay, firebricks and all the other heavy stuff masons need (remember, Tom is the one who found us this great place many years ago).

By all accounts, it was a memorable workshop. There was tremendous enthusiasm, passion and energy shown by all participants throughout the week. There were many new members who brought new skills, talents and interests into the mix. It was evident that both new and old members felt united as part of a great movement that is trying to show the world the magic of full combustion and retained heat.



Heater #1 in the Nozaki Stove Shop

finances for us to visit and was the recipient of two custom Swedish masonry heaters with bake ovens, built at his store.

After a short meeting at Mr. Nozaki's store, we were off to get settled in at our apartment in Ohasama-town. Ohasama-town was settled about 1,000 years ago. The traditional apartment had two bedrooms and four traditional mats for beds. (I sure am glad I brought my camping sleeping pad.) The refrigerator and cabinets couldn't hold anything else. It didn't take everyone very long to discover that when a food item was removed from the refrig, one of Jerry's beers went in. After settling in, it was off to supper again. Our Japanese host laid out the red carpet and had one heck of a sushi dinner waiting for us. I've never seen so much sushi in one place. Everyone ate well except for Jerry (he is a meat and potato kind of guy.) A routine was beginning to develop. Work a little and eat a lot.



John stucco's bakery heater

Monday, Tuesday and Wednesday, work was begun in earnest. Plans were drawn, materials ordered and forms made and filled with castable refractory. Both heaters to be built at Mr. Nozaki's were to be built on 5/8" steel plates so that they could be moved later on. The steel plates had nuts welded to the plates where the corners of the heater were to be. 1/2" threaded rods were screwed to the nuts. This would allow for post tension on the heater after completion.

Rod and John began working on the heater/bake oven plans for Heater #2 to be built at Hikari's Don Bosco bakery. This would be Rod and John's masterpiece while Jerry and I finished heater/bake oven #1 in Morioka.



Don Bosco Bakery Heater



The Family Fukuzawa with John, Rod & Jerry

Michiko Kudo arrived for training on Tuesday, July 19 and is well on her way to becoming a heater mason. With lots of hand on training, notes and personal drive, she knows more about masonry heaters than just about anyone in Japan. (Those in attendance at this years MHA meeting at Wildacres, met Mitchi.) By lunch time on Friday, July 22, the first three courses for heater #3 were up. This would be my last work day. Jerry, Rod, John and Mitchi would stay another week to finish up.



Sayonara Ceremony - John - Rod & Jerry

During our off time, our hosts and their families kept us fed and busy with tours to local historical sights and hot springs. With a mind full of memories, a camera full of photos and a most enjoyable experience, to our friends in Japan, with a deep bough, I say "Thank You!"

Gary Hart

FIRST PACIFIC NORTHWEST 'HEATER 101' SEMINAR

by Timothy Seaton

A potential client calls on the phone interested in a masonry heater. After telling what you as a heater builder can do, you eventually sit down at your desk with the house plans in front of you. Your goal is to build a heater that will do the things for them in their space which you have promised a masonry heater can do. What do you do next? How can you predict with some confidence that the heater you have in mind will work?

Jerry Frisch, Lopez Quarries Masonry Heaters (WA); Dan Givens and Mike Buberger, Stone Castle Masonry Ltd. (AK), Ken Matesz, Fountainhead Natural Homes (OH); Joe Parris, Parris Masonry (NH); Ben Sotero, Sotero Masonry (CA); Frank Sotero, Sierra Nevada Masonry Heaters (NV), and Sean Hietpas and Timothy Seaton, Timely Construction, Inc. (WA) sat down with presenters Tom Stroud, HPBA (and formerly of 'Envirotech' fame) and Paul Henrichsen, Stonefire Design, Inc. (WA/OR) June 16-18 to discuss approaches to answer these questions. Timothy Seaton acted as facilitator for the event, which was held at Stonefire Design's Tulikivi showroom and office facility in Vancouver, WA, just across the river from the Portland, OR airport where most attendees arrived.

Paul Henrichsen began Friday night with heat loss calculations for a typical house, analyzing window treatments, insulation, room volumes, air infiltration, etc. to come up with a heating requirement in BTU's per hour. The session was concluded with pizza made by the neighboring restaurant, 'Beaches', and cooked in the wood fired oven of Paul's Tulikivi TLU 2450 Finnish fireplace.

The next morning, after finishing (for the moment) the heat loss discussion, Tom Stroud took over, using the heat loss requirements just calculated, to design a suitable heater using the German system. His particular example was his own grundofen design found in the MHA plan book, (which was the foundation for his former company, Dietmeyer, Ward, and Stroud, Inc. in their successful Envirotech core). In the German method as used by Tom, heating requirement is used to calculate heater surface area required based on veneer used. The surface area is then used to calculate length of smoke channels required and exit size at firebox and chimney. Considerable discussion was had over metric/English system conversions, the effect of different veneers, and Tom's experience in adapting his design to different space requirements. To spice things up, different veneer materials were jointly heated in a toaster oven and compared by infrared thermometer in their cooling while the discussion was going on (as expected, the soapstone led the race, but a sample of the stone used in New York state's Cornell University surprisingly held its own).

Lunch and dinner were catered by 'Beaches' to allow more time at work. Sunday morning's wrap up session was focused on attendees' own projects and questions with a finish at noon. Last minute efforts to videotape the event were unsuccessful; effort is being made to make a transcript and notes available for purchase (when the winter heating season cools off enough to allow the presenters and facilitator time to compile!).

Interest has been expressed in repeating the seminar or conducting one like it in conjunction with Wildacres; if interested contact Timothy Seaton or Jerry Frisch.

2004 HEATER COUNT IN PROGRESS - Timothy Seaton

A regular question at the recent ASTM meetings with the EPA and others has been that of how many masonry heaters are produced each year. With the recent upsurge in oil and other energy prices and the beginning of another resulting shift by homeowners back to wood such as occurred following the Arab oil embargo of 1973, the U.S. Department of Energy recently conducted its survey of residential wood heating and was surprised to find that between 9 and 12% of America's residential home heating energy needs were already being met with wood. There is renewing interest in increasing this portion to reduce oil demand if it can be done without undermining the clean air efforts already underway. The recent credit for 75% efficient biomass burners included in the latest energy bill was an attempt to dot just this; it was written to benefit pellet stove technology but other legislation is already underway.

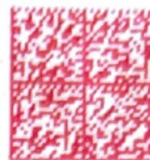
As proponents of a "mature technology" (words expressed by EPA technical personnel) which already does just this, it would be helpful for us as masonry heater builders to know and be able to state confidently just what kind of contribution our industry is already making. To this end a formal survey of heaters produced in 2004 is underway. Please check your records and contact: Timothy Seaton (c/o Timely Construction, Inc., PO Box 910, Camas, WA, 98607; tseaton@timelyconstruction.com; (888) 669-8804). Please include number of units built in 2004 with average size of unit or intended heated area (one goal is to calculate how much oil or natural gas we are saving).

Thank you!



**Masonry
Heater
Association**
Of North America

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UNITED STATES POSTAGE
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*2006 Membership
Application Enclosed*
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