

TULIKIVI NEWS

Alaska Masonry Heat Newsletter

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EcoNest Residence

Local Beauty

Robert and Paula's home in Ashland, Oregon is complete. And includes a Tulikivi Soapstone Masonry Heater to complete the energy efficient package. It features the beautiful local woods of their new home base in the Pacific North-West and has been the product of many collaborations with great craftsmen and students. The fir frame is salvaged from the Grizzly Peak fire. Ceilings and shoji are crafted from the local Port Orford Cedar.



EcoNest is...

An EcoNest incorporates timber-frame, straw-clay walls, earth plasters and natural and non-toxic finishes. This combination of time-honored building traditions with modern innovations results in a home of unsurpassed health and comfort.

An EcoNest will...

- Wrap you in the beauty and serenity of nature
- Optimize your comfort, health and wellbeing
- Be the foundation for living your ecological values

The EcoNest company...

founded in 1996 by has evolved a unique and proven training system. Graduate professional builders and owner-builders have successfully built EcoNest homes throughout North America. Our EcoNest Affiliates are poised to build for you!

Here is a link:

<https://www.econesthomes.com/natural-building-design/portfolio/baker-laporte-residence/>

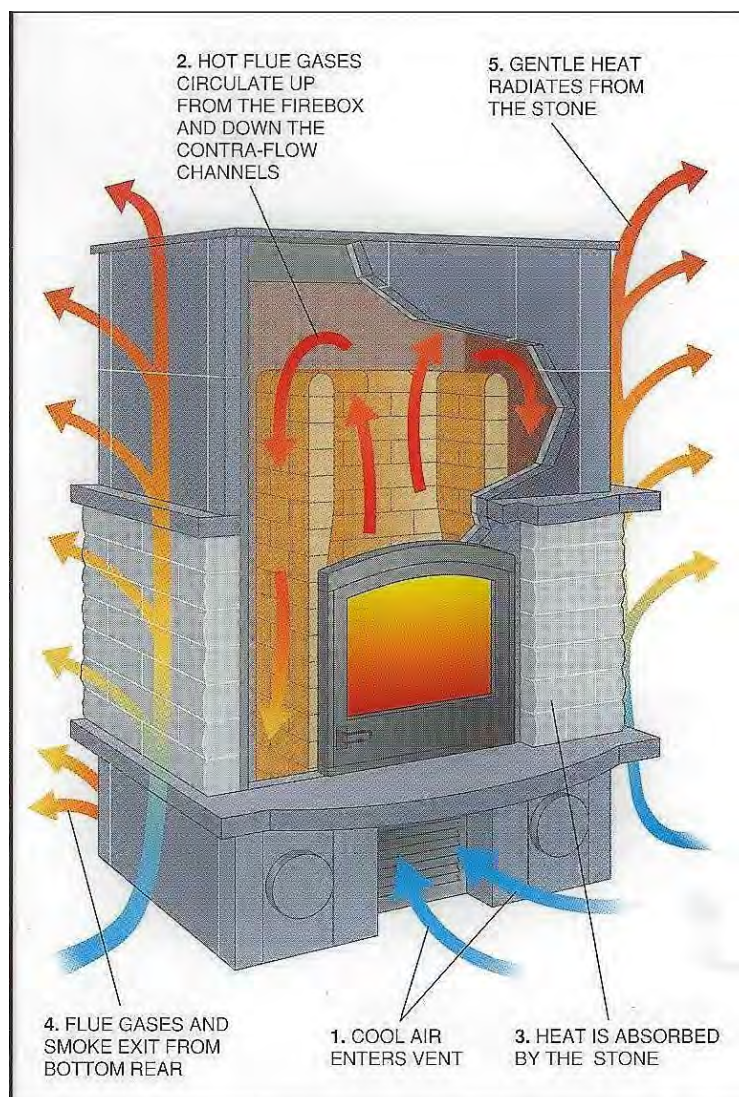
Radiant Beauties

A look at woodburning masonry heaters – an Old World design that’s finally coming of age.

In our progressive, forward thinking society, we have a tendency to look ahead for revolutionary ideas and new technologies. However, the best solutions are often not found in the near future, but in the distant past.

Consider the age-old practice of burning wood in contained stoves for warmth. Masonry heaters are some of the world’s oldest wood-stoves. The original design was developed in Scandinavia nearly 400 years ago. Today, masonry heaters are used in millions of homes throughout Europe, yet most Americans know very little about them.

In Finland, 90% of all new houses are heated with a masonry stove that is commonly known as a Finnish fireplace. In Germany, Austria and Switzerland, the popular kachelofen, or tiled stove is the wood heater of choice. In the US, masonry heaters, often called thermal mass fireplaces, just started getting attention during the oil crisis of the mid 70’s. Regardless of what they’re called, all masonry heaters use thermal mass (such as stone, brick, tile) to absorb and radiate heat into the room. Another common trait is that each unit has a small fire box flanked with maze-like channels that direct smoke and gases around the heater before they exit the flue. See illustration below. Tulikivi has an exhaust path that is a contra-flow design, a key element to masonry heater performance– the longer the hot gases stay within the unit, the more heat it can absorb and radiate later.



WARMING TREND

After centuries of use in the world's coldest climates, masonry heaters are considered one of the safest, cleanest and most efficient ways to heat with wood.

Masonry heaters are completely different than other woodburners— cast-iron wood stoves, fireplace inserts and zero-clearance fireplaces. Unlike these types of heaters, which have to be burning fuel to be effective, masonry heaters use short, hot burns. Ordinarily, two small, but very hot fires per day produce radiant heat for 12 to 24 hours. That means you save money and burn less wood. Plus, you never have to leave a fire burning overnight. The thermal mass continues to dissipate heat long after the fire is out so the house stays cozy until morning. You actually Wake up WARM!!!

Watch In Style TV's video on Masonry Heaters

<http://www.mha-net.org/instyle-video-no-lead-in/>



Alaska Masonry Heat

541.482.9379 or 888.922.9330

www.alaskamasonryheat.com