

# GARN<sup>®</sup>News

Information about GARN's highly efficient, smokeless wood heating system



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From the desk of . . .

Martin Lunde, GARN<sup>®</sup> developer and founder



## WHY?

Why do I and the rest of the GARN<sup>®</sup> crew continue to research, design, manufacture and sell a wood heating unit that is *vastly different* from all other wood heating equipment? Good question...

We believe that wood heating should be *simple, not complicated*. Our passion since 1978 has been to build equipment that provides comfort, convenience, safety and efficiency, coupled with low emissions. We also believe wood heating equipment should be *easy to use and maintain*.

Yet when I look around at other wood heating products, all I see is complication. I see multiple variable speed blowers, variable speed auger feed systems, lambda or oxygen sensors, large PC control boards, bin level switches, pneumatic pellet feed systems, massive ceramics, etc.

Not only do these add to the first cost, think about paying \$85 per hour plus parts for a "Certified Technician" to repair or replace those items when a failure occurs. And the bigger question is: are competent technicians available in rural areas to service this equipment?

What does this complication buy you? The equipment is somewhat cleaner and more efficient than similar equipment made 15 years ago. However, complication reduces reliability, increases maintenance costs, and makes it more difficult to use.

As other equipment became more complicated, GARN<sup>®</sup> became simpler. Because our passion is simplicity, we continued to remove unnecessary parts to get to where we are today: two moving parts - one blower and one door. It's simple, reliable and more durable.

How does such simplicity perform? GARN<sup>®</sup> WHS overall efficiency numbers range from 80% to 88%. Emission levels are less than a third of the present EPA Phase II particulate limit for wood-fired hydronic heaters.

In fact, they easily comply with a new, even lower limit that the EPA is proposing to take effect in 2015. And all testing has been done using cordwood per ASTM Standard E2618. This is good for people and the environment.

Our passion remains: to produce simple, easy-to-use and easy-to-maintain equipment that provides comfort, convenience, safety and efficiency, coupled with low emissions. Why complicate the oldest form of heat known to mankind?

Perhaps Henry Wadsworth Longfellow said it best: "In character, in manner, in style, in all things the ultimate elegance is simplicity."

*It's simple, not complicated*...and your decision to buy one should be the same.



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