



GARN > WOOD HEATING > RESIDENTIAL >

Introducing

GARN® JR

35 year leader in clean wood heating with storage

An affordable, clean wood heater for home use in rural North America

Smoky wood heater?

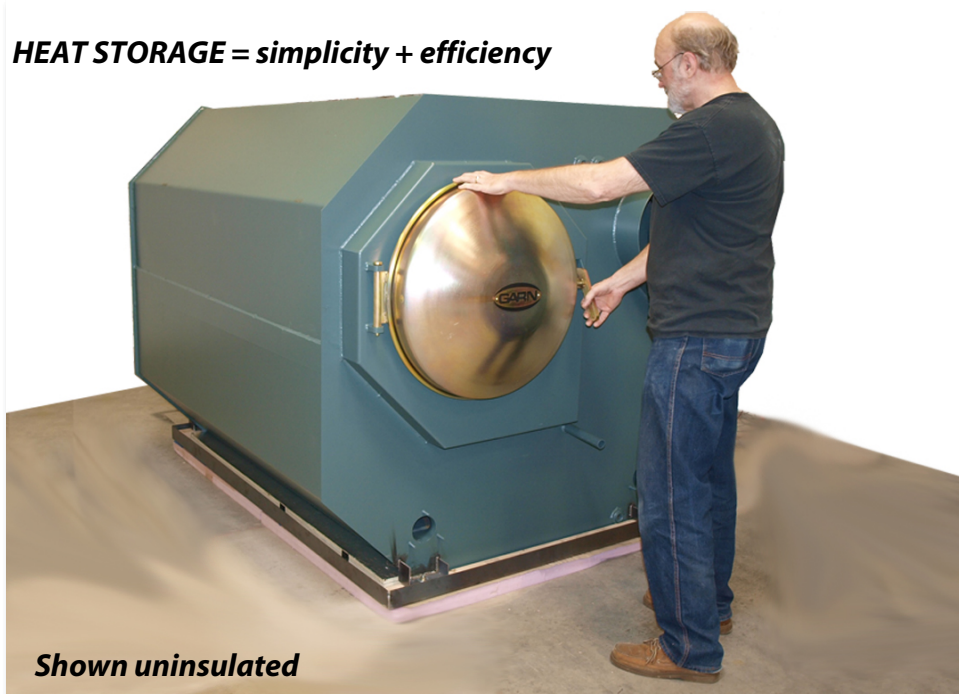
Rising heating bills?

*The NEW GARN WHS-1000
"GARN JR"
smokeless wood heater
is a great choice.*

Visit GARN.com NOW!

CALL 1-855-247-0050

HEAT STORAGE = simplicity + efficiency



Shown uninsulated



*The wood burns fast and clean, the
exhaust is clear and virtually smokeless,
and the heat is stored until needed in a
surrounding insulated tank of water*

GARN Quality and Performance for the Residential Market

The GARN JR (GARN Junior) is the latest unit in the very successful GARN WHS wood heating product line. It was developed for the average rural home. Typical GARN homeowners cut their wood use in HALF!

Easily Connects To Your Existing Heating System

As is the case with all prior GARN WHS units, the GARN JR units may be easily connected to forced air, hot water baseboard, European flat panel radiator and hydronic radiant floor heating systems.

Electric and Solar Storage Compatibility

A 33 KW off peak electric back up is available as an option. It may be used as the thermal storage for active solar thermal systems...solar storage with wood backup.

Elegant Simplicity - Easy to Use and Maintain

Only TWO moving parts. Easy to use. Little to break. Load it, light it, walk away.

Wood Gasification with Storage - Clean and Efficient

During the heating season, GARN produces the lowest emission levels and highest efficiency of any cord wood burner!





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EACH GARN JR UNIT INCULDES:

- New smaller size and angular shape: L = 88", W = 67" and H = 65"
- Includes 980 gallons of built-in heat storage.
- Smallest footprint of any wood heater with storage.
- A firebox with firebrick that can accommodate 16-20" long cordwood.
- Induced draft combustion with horizontal cylindrical ceramic reaction chamber.
- Single tube 5 pass heat exchanger.
- A new bolt down access cover.
- The GARN digital controller with LWCO and temp sensors.
- Optional 33 KW off peak electric back up.

INSTALLATION

- Installation by qualified professionals is recommended.
- Unit to be insulated on site within weatherproof enclosure.
- Uses DurTech 6" class A SS flue

GARN WHS-1000 • PERFORMANCE and SPECIFICATIONS

| | |
|--|----------------------------------|
| Maximum Heat Output (with 20% MC Oak)..... | 180,000 (BTU/H) |
| Tested Efficiency (LHV) (using 20% MC Oak)..... | 80.0% |
| Gallons of Storage..... | 980 Gallons |
| BTUs Stored (based on 65° F temperature rise)..... | 540,000 BTUs |
| Weight [Empty] • [Full] | 2,200 lbs • 8,150 lbs |
| Recommended Wood Dimensions..... | 16" - 20" long • 3"-10" diameter |
| Combustion Chamber Dimensions | 36" long • 24" diameter |
| Pipe Connections | 1.5" NPT Supply • 1" NPT Return |
| Induced Draft Fan | 1/2 Horsepower (115vac, 15amp) |
| Flue | 6" Duratech Class A |
| Off-peak Electric Backup (Optional) | Up to 33kw [5.5KW elements] |
| Solar Storage Connections | Optional |

PLEASE NOTE

All capacities listed above are rounded to the nearest whole number. The performance listed *will* vary based upon wood species, wood moisture content and minimum supply water temperature required by the heat distribution system, pipe losses, etc.

GARN JR is non-pressurized for safety and carries a 5 year limited **GARNtee** .

Price does **not** include: water treatment chemical, flue, installation, system pump, system piping, system design, applicable taxes, etc.

Prices are FOB factory in Minneapolis, MN. Shipping and accessories are not included in the price listed.

Terms are cash; refer to Purchase Contract and Agreement for specifics. Due to continued product improvement prices, specifications and performance are subject to change without notice.

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For more information go to GARN.com or call 1-855-247-0050

Your local Rep or Dealer is:

