



# Introducing

# GARN® JR

GARN > WOOD HEATING > RESIDENTIAL >

**30 years of leadership in clean wood heating**

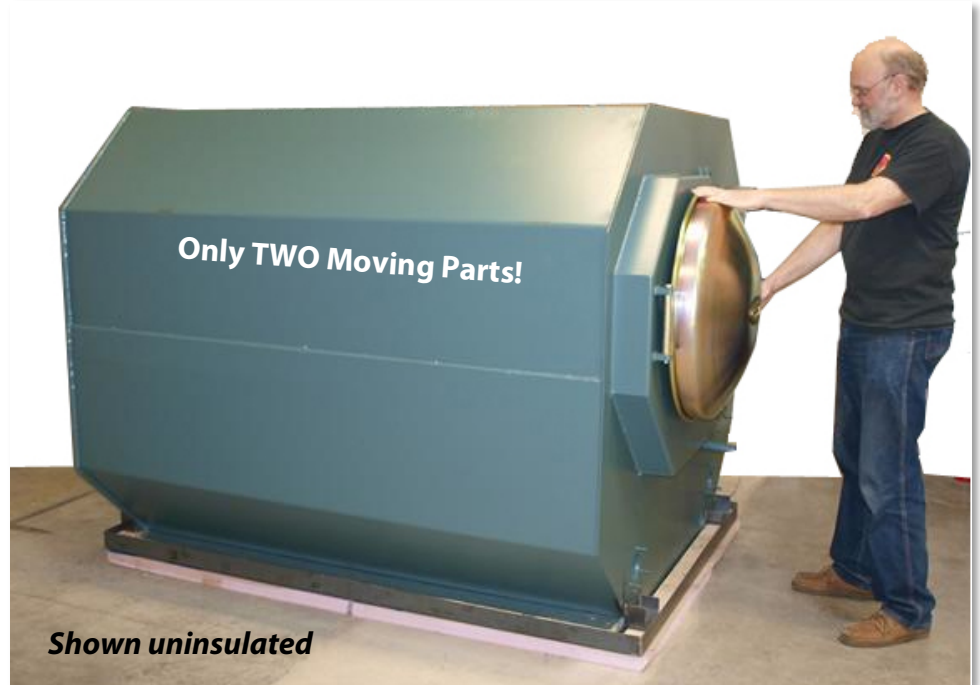
**An affordable, clean wood heater for home use in rural North America**

*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**



*Shown uninsulated*

### **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 drain back active solar thermal systems.

### **Elegant Simplicity - Easy to Use and Maintain**

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

### **Clean and Efficient**

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



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





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### EACH GARN JR UNIT INCULDES:

- New smaller size and angular shape: L = 88", W = 67" and H = 65"
- Nominal 1000 gallons of integral energy storage.
- A firebox with firebrick that can accommodate 24" 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 JR** will be available beginning **August 2013**

### GARN WHS-1000 • PERFORMANCE and SPECIFICATIONS

Maximum Heat Output.....	180,000 (BTU/H)*
Tested Efficiency (LHV).....	80.0% (using 20%MC Oak)
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" - 24" 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.

*Dectra Corp*  
 3425 37th Ave NE  
 St. Anthony, MN 55418  
 612-781-3585  
 www.GARN.com

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For more information go to [GARN.com](http://GARN.com) or call 1-855-247-0050

Your local Rep or Dealer is:

