

WOOD
MASTER®

Force 20

**Powered by the
Renovator Pellet Burner**

www.woodmaster.com



Renovator Pellet Burners

Features:

- Efficient heat from wood pellets that supports local economy.
- Two sizes to choose from; 20 kW and 30 kW to fit most needs.
- The 20 kW unit has approximately 68,000 BTU and can be fitted onto the Force 20.
- The 30 kW unit has approximately 102,000 BTU for larger applications.
- Automatic ignition for heat on demand.
- Air Cleaned Firepot to help keep maintenance to a minimum and retain high efficiency.
- Easily connects to existing systems, convert your fossil fuel heat to pellets for independence from foreign oil.
- Fully automatic PLC for user friendly operation.
- Low maintenance, just makes life easier.
- Compact design that easily fits into tight areas.
- Burn back protection to keep everyone safe.



By Northwest Manufacturing, Inc.

Features:

- 1. High Efficiency Renovator 20kW burner with automatic ignition. Burns less fuel for greater savings.**
- 2. Easy access ash door in front for quick and easy ash maintenance.**
- 3. Large ash box for longer intervals between cleaning.**
- 4. High efficiency louvered firebox transfers the maximum amount of heat to the air chamber for greater efficiency.**
- 5. Triple pass flue tube insures the heat stays in your home and not out the stack.**
- 6. Easy access flue tube clean out door for simpler maintenance.**
- 7. Flue tube diverting plate assures proper flow of the triple pass flue tubes.**
- 8. Air supply to auto clean the Renovator, assures high efficiency burn & minimizes maintenance.**
- 9. Central electrical location for ease of wiring.**
- 10. High quality attractive outer shell.**

A large, stylized, black cursive letter 'W' that serves as a logo for WoodMaster. It is positioned on the right side of the page, partially overlapping the list of features.

WoodMaster furnaces are manufactured and distributed by Northwest Manufacturing of Red Lake Falls, Minnesota. Since 1989, WoodMaster has built industry leading outdoor furnaces, continually finding innovative uses of natural energy and alternative fuel sources. The company is the first to manufacture bioenergy Flex fuel furnaces, and now introduces forced air pellet furnaces.

Other Highlights:

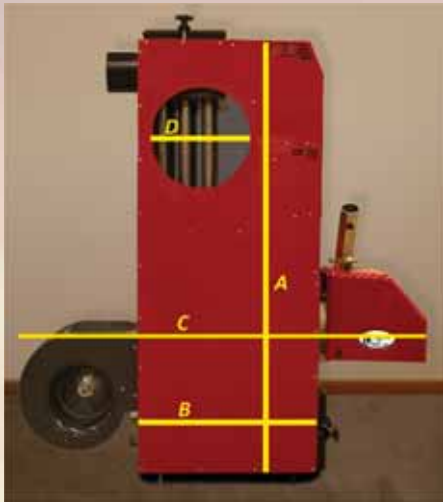
- Multi Speed fan comes standard to ensure warm, comfortable air.
- Easily connect to existing systems to minimize installation costs.
- Fully automatic P.L.C. for ease of operation.
- Burn back protection for safe operation.
- Safety tested by Guardian to meet or exceed their standards for product quality & safety.

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Technical Information

The dimensions of the Force 20 make it very easy to install and allow the furnace to be installed in smaller rooms and tighter spaces. Make sure to leave enough room to properly clean the furnace. The chimney pipe is located on the back of the furnace. The electrical installation is easily made via existing cables. Just plug it in. Servicing the furnace is easy to make since all connections and components are easily accessible from the front of the furnace.



A = 55.1" **B = 22.4"**
C = 53.1" **D = 12.4"**



E = 5" **F = 13.2"**

Flue Pipe	5" Diameter
Connection Hole (Burner)	6" Diameter (approx.)
Power Connection	120v
Maximum Output	68,000 BTU
Ash Box Volume	1 cubic Foot (approx)
Weight	220 Pounds (approx.)
Fan Capacity	1100 - 1638 CFM
Circulating Fan	Multi Speed

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800-932-3629

WoodMaster offers another money saving, industry leading Eco-Innovation.

WoodMaster has a long, proud history of building quality alternative energy heating products in the USA since 1989. With our recent R&D expansion and continued collaboration with leading European companies on emerging clean energy technologies we are here for the long haul.

Fuel Your Future.

With increased global demand and heightened environmental concerns, fossil fuel prices continue to rise and be unpredictable. It makes more sense than ever to leave fossil fuels behind.

WoodMaster Force/Renovator Natural Energy Heating Systems are economical solutions that burn abundant, renewable wood pellets that are carbon neutral and affordable.

With WoodMaster, you can better control your heating budget with safe, reliable supply of domestic fuel, and you will be free from fluctuating gas and oil prices.

You work hard for your money. Why not keep as much in your own pocket as possible?

Why the Renovator/Force?

The Renovator is designed to convert your existing fossil fuel boiler/furnace system into a Natural Energy heating system. No need to replace that old outdated system when you can just Renovate it!

The Force is a hot air heat exchanger that is powered by pellets with the Renovator. It conveniently sets up next to your existing forced air system for a simple adoption to your ducting.

Why Pellet Fuel?

By switching to home grown Natural Energy you are not only becoming independent from fossil fuels and their unstable pricing, you are also helping support local economy. Don't just take our word for it. The collaboration project, Heating the Northeast with Renewable Energy: A Vision for 2025, is a study that envisions 25% of home heating fuel derived from biomass in the Northeast section of the U.S. If this was realized the study conservatively estimates that 140,000 permanent jobs would be created. Similar, if not greater job creation could occur in other sections of the U.S. as well.