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## COMPETITOR COMPARISON

### A feature comparison of competitors to HeatMaster SS

Features	HeatMasterSS	Central Boiler	Heatmor	Hawken	Woodmaster	Empyre	Hardy
Forced Air Draft	X		X	X	X	X	X
Stainless Steel Firebox	409		409			304	304
Insulation	R30	R30	R20	R20	R20	R30	R20
Rocker Grates	X		X				X
Ash Pan	X		X			X	X
Powder Coat Paint	X	X			X	X	
Warranty	Lifetime	10	Lifetime	20	10	20	25
Round Firebox	X			X	X	X	

*\* Use the remaining boxes to fill in for other features that you would like to remember*

### **What these features mean**

Below is a brief description of the common features among outdoor furnaces and what they mean when selling furnaces to customers.

Forced Air Draft - Will stoke the fire faster when the furnace fires because you control the amount of air going in to the fire box. This allows you to stoke the fire on demand and burn the fire hotter when calling for it. It also allows you to burn green, wet and rotten wood.

**Continued....**

**Stainless Steel** - Stainless steel lasts longer and stands up to corrosion better than mild steel. A mild steel furnace will last on average from 7 - 12 years where a stainless steel furnace will last 20 years if well taken care of. Generally companies use 409 or 304 Stainless steel in their furnace. HeatMaster SS furnaces are made from 409 Stainless Steel because it is designed for high temperature situations, has fast heat transfer and warps less than other metals used in wood furnaces.

Some companies use Boiler Plate in their firebox. Boiler Plate is a high grade carbon (mild) steel designed for high pressure applications and generally lasts no longer than regular carbon (mild) steel.

**Insulation** - Furnaces are insulated two ways, with batts or with spray-in foam. Spray-in foam will have no seams when new but will add cost to the furnace and does not breathe. Batt insulation can leave seams if not assembled properly but will breathe so any condensation from sweating or leakage will evaporate whereas foam insulation will not breathe and rot away. Batt insulation will last longer and insulate as well as foam while not adding unnecessary cost to the unit.

**Rocker Grates** - An extremely popular feature. Rocker grates make it easy to keep the firebox clean and dispose of ashes easily. This feature also gives the unit flexibility in fuel burning as it allows you to burn coal and cob corn as well.

Some other stoves come with square tubing filled with water which almost act in the same way. The only difference is that they do not move and you have to force ashes through them in to the ash pan or they will plug up.

A frequently asked question you will hear from customers is whether the grates will last. We replace VERY FEW grates because we have worked with a foundry to develop a specially designed alloy for this application. We back this up with a five year warranty on grates.

**Ash Pan/Auger** - Goes with grates or ash augers. This feature makes it easy to dispose of ashes from the furnace. Ash Augers auger ashes out of the firebox but the ashes must be fed to the auger and will plug when wet ash is fed in to them.

**Powder Coat Paint** - Keeps the unit looking new for many years. Essentially the paint is baked on and will not peel or burn off nearly as fast. Adds cost to the unit but keeps the unit looking new much longer.

**Round Firebox** - Round fireboxes mean fewer welds and less cracking. They also ensure better heat transfer because they avoid having cold spots that square fireboxes experience. Round fireboxes add strength to the unit (think of an egg) and experience less warpage.

