

Wood-Fired Hydronic Heaters Meeting Washington Emission Standards

Qualifying units:

- Tested to Method 28 WHH or ASTM 2618
- If stick wood-fueled, tested with Douglas fir or similar softwood.
- Emit annual average emissions of 4.5 g/hr or less
- Have no emission spikes exceeding 4.5 g/hr for any individual test run

Manufacturer	Brand Name	Installation Location	Model Make/Number	Fuel	Emissions, Grams/Hour	Emission, lbs/MMBTU
Central Boiler	Maxim	outdoor	M255 P or PE	pellet	0.80	0.04
Garn	Garn	indoor	WHS-1000	stick wood	3.55	0.187
Greenwood Clean Energy		indoor	Frontier CX	stick wood	3.07	0.0832
Hearth and Home Technologies	Harman	indoor	Hydroflex 60 indoor boiler	pellet	1.90	0.28
Kunzel		indoor	PK-10	pellet	0.7	0.21
Kunzel		indoor	PK-20	pellet	0.7	0.13
Fröling Heizkessel- und Behälterbau Ge	Fröling	indoor	P4 Pellet 100	pellet	4.50	0.03
Fröling Heizkessel- und Behälterbau Ge	Fröling	indoor	PE1 20	pellet	0.43	0.049
Fröling Heizkessel- und Behälterbau Ge	Fröling	indoor	PE1 35	pellet	0.68	0.053
Varmebaronen AB	Vedolux	indoor	Vedolux 450	stick wood	2.32	
Varmebaronen AB	Vedolux	indoor	Vedolux 350	stick wood	4.26	
SteelTech Inc	Heatmaster Furnaces Inc	outdoor	P7000	pellet	1.7	0.07
SteelTech Inc	Heatmaster Furnaces Inc	outdoor	G4000	stick wood	1.2	0.1
SteelTech Inc	Heatmaster Furnaces Inc	outdoor	G7000	stick wood	1.3	0.055
SteelTech Inc	Heatmaster Furnaces Inc	outdoor	G10000	stick wood	1.89	0.053
SteelTech Inc	Heatmaster Furnaces Inc	outdoor	P4000	pellet	1	0.052

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