

**Wood-Fired Hydronic Heaters Meeting Washington Emission Standards**

Qualifying units: 1) Tested to Method 28 WHH or ASTM 2618, 2) If stick wood fueled, tested with the Douglas fir or similar softwood, 3) Emit annual average emissions of 4.5 g/hr or less, 4) 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 Gesm | Fröling                 | indoor                | P4 Pellet 100              | pellet     | 4.50                  | 0.03                |
| Fröling Heizkessel- und Behälterbau Gesm | Fröling                 | indoor                | PE1 20                     | pellet     | 0.43                  | 0.049               |
| Fröling Heizkessel- und Behälterbau Gesm | 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               |

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