

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

Qualifying units:

- Tested by an EPA-certified lab to Method 28 WHH or ASTM 2618
- Emit annual average emissions of 4.5 g/hr or less (2.5 g/hr catalytic) **AND** 0.15 lb/MMBtu heat output for each individual burn rate

| Manufacturer                           | Brand Name                | Installation Location | Model Make/Number                  | Fuel       | Emissions, Grams/Hour | Emission, lbs/MMBTU |
|----------------------------------------|---------------------------|-----------------------|------------------------------------|------------|-----------------------|---------------------|
| Alternate Heating Systems              | Woodgun                   | outdoor               | SE210                              | stick wood | 3.19                  | 0.12                |
| Central Boiler                         | Maxim                     | outdoor               | M255 P or PE                       | pellet     | 0.80                  | 0.04                |
| Central Boiler                         | Central Boiler/WoodMaster | outdoor               | Classic Edge 360/CleanFire 300     | stick wood | 2.10                  | 0.12                |
| Central Boiler                         | Central Boiler/WoodMaster | outdoor               | Classic Edge 865/CleanFire 1800    | stick wood | 1.77                  | 0.07                |
| Central Boiler                         | Central Boiler/WoodMaster | outdoor               | Classic Edge 960/CleanFire 900     | stick wood | 3.30                  | 0.06                |
| Central Boiler                         | Central Boiler/WoodMaster | outdoor               | Classic Edge 560.1/Cleanfire 500.1 | stick wood | 1.65                  | 0.08                |
| 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               |
| Fröling Heizkessel- und Behälterbau Ge | Fröling                   | indoor                | S3 Turbo 30                        | stick wood | 3.10                  | 0.092               |
| Varnebaronen AB                        | Vedolux                   | indoor                | Vedolux 450                        | stick wood | 2.32                  |                     |
| Varnebaronen 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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