

Matrix Insert Specs

Firebox dimensions (Depth) = **16-1/2"**

Firebox dimensions (Width) = **21"**

Firebox dimensions (Height) = **11-7/8"**

Maximum log length = **20"**

Door opening dimensions (Width) = **17-1/2"**

Door opening dimensions (Height) = **8-3/4"**

Type of Door = **Single, glass with cast iron frame**

Glass Surface = **19-5/8" X 11-7/8"**

Weight = **474 lbs.**

Firebox volume (cu. ft.) = **2.4**

Minimum fireplace opening (Width) = **30"**

Minimum fireplace opening (Height) = **24"**

Minimum fireplace opening (Depth) = **20"**

Minimum floor protection in front of unit = **16"**

Glass Type = **Ceramic glass**

Depth – Overall = **23-1/4"**

Height – Overall = **25-1/8"**

Width – Overall = **36-1/8"**

Center line of flue outlet to the back = **5-5/8"**

Center line of flue outlet to the side = **13-1/2"**

USA standard (emissions) = **EPA method 28**

Maximum output - EPA test wood = **32,200 BTU/h**

Maximum output - seasoned wood = **75,000 BTU/h**

Type of Chimney (°F) = **2100**

Recommended Heating Area (sq. ft.) = **750-2,100**

Steel thickness (top) = **5/16"**

Optimum efficiency = **75%**

Emissions (grams/hour) = **3.4 g/h**

Baffle type = **High heat-resistant C-cast**

Recommended chimney diameter = **6"**