

## Janfire System Jet

### Technical data for 40 kW

Flue gases	CO	Average	150 ppm
		Max effect	approx. 90 ppm*
		50% effect	approx. 180 ppm
	CO <sub>2</sub>	Average	15%
		Max effect	16.5%*
		50% effect	13%*
	NO <sub>x</sub>	Average	70 ppm
Dust content	With cleaning cyclone	Average	80 mg/Nm <sup>3</sup> *
		Max	150 mg/Nm <sup>3</sup> *
		50% effect	approx. 60 mg/Nm <sup>3</sup>
	Without cleaning cyclone	Max	325 mg/Nm <sup>3</sup>
Ash content	Max 0.3% more than the fuel's ash content.		
	With increased fine fractions or pellets with a diameter smaller than 8 mm, the carbon content in the ash can increase.		
Efficiency	Average 90%* boiler efficiency		
Electricity effect	Burner	approx. 80 W + feeding auger 90 W	
	Exhaust fan	180-750 W depending upon performance	
Fuel	Pellets with 6-12 mm diameter, made from raw wood materials, 8-10% moisture content.		
	A certain amount of slag build-up can occur in the combustion drum depending on both the origin of the raw materials used in the pellets and the smelting point of the ash.		
	Fuel class C according to FBEA		

\* *Guaranteed value*