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**Electrostatic
precipitator**



Test data

Boiler size	Fuel	Raw gas mg/nm3 (10% O2)	Clean gas mg/nm3 (10% O2)	Efficiency
1000kW	Wood chips	234	1	99.2%
1000kW	Wood chips	231	2	99.0%
1000kW	Straw	980	30	96.9%
200kW	Wood chips	197	2	99.4%
200kW	Wood chips	124	2	99%
200kW	Straw	1335	8	99.3%
200kW	Straw	1347	10	99.2%
40kW	Straw pellets	664	17.7	97.3%
40kW	Straw pellets	664	13.2	98.0%

*Measurements performed by AU-Foulum

EP1211

WxDxH: 2.7x1.8x2.6m
 Weight: approx. 1950kg
 Pressureloss: 10-20Pa
 Power usage: average 1.5kW
 Max Boiler size: 3MW wood
 2MW straw with cyclone (600mg/Nm3 from boiler)

EP1206

WxDxH: 2.5x1.1x2.6m
 Weight: approx. 1350kg
 Pressureloss: 10-20Pa
 Power usage: average 1kW
 Max Boiler size: 1.5MW wood
 1MW straw with cyclone (600mg/Nm3 from boiler)

EP0906

WxDxH: 2x1x2m
 Weight: approx. 900kg
 Pressureloss: 10-20Pa
 Power usage: average 0.75kW
 Max Boiler size: 800kW wood
 500kW straw with cyclone (600mg/Nm3 from boiler)

EP0605

WxDxH: 1.6x0.75x1.8m
 Weight: approx. 900kg
 Pressureloss: 10-20Pa
 Power usage: average 0.5kW
 Max Boiler size: 200kW wood
 100kW straw with cyclone (600mg/Nm3 from boiler)