



TEST Reg. No. 300



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DANISH TECHNOLOGICAL INSTITUTE

Accredited test institution, DANAK accreditation No. 300

TEST CERTIFICATE

Extract of report no. 300-ELAB-1673

Info@dti.dk
www.dti.dk

Product: Central heating boiler
Manufacturer: Ekopower ApS
Model: EkoHeat 4000 / BioClass 42
Requested by: Ekopower ApS, Rømvænget 163, DK-5500 Middelfart

Procedure:

| | |
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| X | Test according to EN 303-5:2012 with requirements according to class 5 |
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TEST RESULTS

Combustion principle: Automatic **Fuel:** Biomass

Testing is carried out with C1 wood pellets, and the following results were achieved:

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|-----------------------------------|--|
| Nominal output: | 42.7 kW |
| CO at 10% O₂: | 309 mg/m _n ³ (max. 3000 mg/m _n ³) |
| OGC at 10% O₂: | 6 mg/m _n ³ (max. 150 mg/m _n ³) |
| Dust at 10% O₂: | 40 mg/m _n ³ (max. 150 mg/m _n ³) |
| Efficiency: | 93.1 % |
| | |
| Lowest output: | 11.8 kW |
| CO at 10% O₂: | 149 mg/m _n ³ (max. 3000 mg/m _n ³) |
| OGC at 10% O₂: | <6 mg/m _n ³ (max. 150 mg/m _n ³) |
| Efficiency: | 91.3 % |

Please note that the stated values constitute an extract of the test report. For further information, please refer to the test report, see number above.

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| Aarhus, 21 June 2013  Anette S. Brønnum M.Sc. | Chimney sweeper's signature |
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On the basis of the above-mentioned particle emissions it is hereby certified that the heating boiler unit complies with the emission requirements of appendix 1 for Declaration No. 1432 of 11 December 2007 regarding regulation of air contamination from stoves and boilers and some other fixed installations for energy production purposes.