



TEST Reg. No. 300



**DANISH
TECHNOLOGICAL
INSTITUTE**

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Accredited test institution, DANAK accreditation No. 300

Teknologiparken
Kongsvang Allé 29
DK-8000 Aarhus C
Phone +45 72 20 10 00
Fax +45 72 20 10 19

Info@dti.dk

www.dti.dk

TEST CERTIFICATE

Extract of report no. 300-ELAB-2019

Product: Central heating boiler
Manufacturer: NICE-BIAWAR sp. Z o o
Model: Pellux 100-kedel og PB20 MAX-Brænder
Requested by: Vølund Varmeteknik, Brogårdsvej 6, DK-6920 Videbæk

Procedure:

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:

Nominal output:	18.7 kW
CO at 10% O2:	112 mg/m _n ³ (max. 3000 mg/m _n ³ under No. 1432)
OGC at 10% O2:	<6 mg/m _n ³ (max. 150 mg/m _n ³ under No. 1432)
Dust at 10% O2:	26 mg/m _n ³ (max. 150 mg/m _n ³ under No. 1432)
Efficiency:	91.8 %
Lowest output:	4.9 kW
CO at 10% O2:	297 mg/m _n ³ (max. 3000 mg/m _n ³ under No. 1432)
OGC at 10% O2:	9 mg/m _n ³ (max. 150 mg/m _n ³ under No. 1432)
Dust at 10% O2:	31 mg/m _n ³
Efficiency:	89.6 %

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.

<p>Aarhus, 21 June 2013</p>  <p>Anette S. Brønnum M.Sc.</p>	<p>Chimney sweeper's signature</p>
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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.