

TEST CERTIFICATE

Nr.. O-194000036/1/2019

Manufacturer: ATTACK s.r.o., Dielenská Kružná 5020, 038 61 Vrútky, Slovak Republic

Place of manufacture: ATTACK s.r.o., Dielenská Kružná 5020, 038 61 Vrútky, Slovak Republic

Product: hot water boiler for solid fuel

Type: ATTACK DPX 80 STANDARD, ATTACK DPX 80 PROFI
ATTACK DPX 100 STANDARD, ATTACK DPX 100 PROFI

Test results:

fuel: wood logs – A

method of fuel stoking : manual

- EN 303-5: 2012

parameter	unit	DPX 80 STANDARD DPX 80 PROFI	DPX 100 STANDARD DPX 100 PROFI
declared heat output	kW	80,00	100,00
measured heat output	kW	84,40	98,20
CO (10 % O ₂)	mg/m _n ³	208	270
OGC (10 % O ₂)	mg/m _n ³	11	18
NOx (10 % O ₂)	mg/m _n ³	195	198
dust (10 % O ₂)	mg/m _n ³	14	40
direct efficiency	%	90,60	89,25
boiler class : emissions / efficiency	-	5 / 5	5 / 5

- Commission Regulation (EU) 2015/1189 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for solid fuel boilers

		DPX 80 STANDARD DPX 80 PROFI	DPX 100 STANDARD DPX 100 PROFI
seasonal space heating emissions Es			
CO (10 % O ₂)	mg/m _n ³	208	270
OGC (10 % O ₂)	mg/m _n ³	11	18
NOx (10 % O ₂)	mg/m _n ³	195	198
dust (10 % O ₂)	mg/m _n ³	14	40
seasonal space heating energy efficiency η_s			
seasonal space heating energy efficiency in active mode η_{son}	%	80,52	77,74
F1	%	3,00	3,00
F2	%	0,32	0,27
F3	%	0,00	0,00

- Commission delegated Regulation (EU) 2015/1187 supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to energy labelling of solid fuel boilers

	DPX 80 STANDARD DPX 80 PROFI	DPX 100 STANDARD DPX 100 PROFI
energy efficiency index EEI	118	114
energy efficiency class	A+	A+

Note:

The test certificate is issued on the basis of type test of products. The results of particular measurements are listed in the test report Nr. 30-12905/T dated 12.11.2015 and test report Nr. č. 30-13923/T dated 7.8.2018, issued by accredited testing laboratory Nr. 1045.1, Strojírenský zkušební ústav, š.p. Brno, Czech Republic. The test certificate was issued on the basis of manufacturer request by accredited testing laboratory of TSU Piešťany š.p. Slovak Republic – Technical equipment of buildings and constructions testing body. Accreditation certificate Nr. S-047 dated 14.09.2018.

Date of issue: 18th February 2019

 **TECHNICKÝ SKÚŠOBNÝ
ÚSTAV PIEŠŤANY, š.p.**
Skúšobňa TSÚ
Krajinská cesta 2929/9
92101 PIEŠŤANY
-314-


Ing. Marcel Svoboda
Technical Head of Laboratory TZBaS

Distribution list:

- 1 – applicant/producer
- 2 - TSU Piešťany š.p.