

TEST CERTIFICATE

No.: O-173000004/1/2017

Product: fireplace inserts UNICO Dragon 2+6

Type: Dragon 2, Dragon 2B, Dragon 2 Duo, Dragon 4/14, Dragon 4/14 XL,
Dragon 4/16, Dragon 4/16 XL, Dragon 4B, Dragon 4B/XL, Dragon 4 Duo,
Dragon 6, Dragon 6 XL, Dragon 6 XXL

Manufacturer: UNIROL sp. z o.o. , Ul. Wroclawska 2A, 58-211 Uciechów, Poland

Test results:

Fuel: wood logs – A

Stoking: manual

- EN 13229:2001/A1:2003/A2:2004

		DRAGON 2B	DRAGON 4/16
Heat output	kW	13,09	15,55
CO (13 % O ₂)	%	0,046	0,044
CO (13 % O ₂)	mg/m _n ³	570	547
OGC (13 % O ₂)	mg/m _n ³	37	26
NOx (13 % O ₂)	mg/m _n ³	52	43
Dust (13 % O ₂)	mg/m _n ³	38	36
Efficiency	%	77,29	78,61

- Commision Regulation (EU) 2015/1185 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for solid fuel local space heaters

Seasonal emissions


		DRAGON 2B	DRAGON 4/16	Requirements of ecodesign
CO (13 % O ₂)	mg/m _n ³	570	547	≤ 1500
OGC (13 % O ₂)	mg/m _n ³	37	26	≤ 120
NOx (13 % O ₂)	mg/m _n ³	52	43	≤ 200
Dust (13 % O ₂)	mg/m _n ³	38	36	≤ 40
Seasonal space heating energy efficiency	%	67,29	68,61	≥ 65

• 1. BImSchV Stufe 2 (Bundes Immissions Schutz Verordnung)

		DRAGON 2B	DRAGON 4/16	Requirements of Stufe 2 of 1.BImSchV
CO (13 % O ₂)	mg/m _n ³	570	547	≤ 1250
Dust (13 % O ₂)	mg/m _n ³	38	36	≤ 40
Efficiency	%	77,29	78,61	≥ 75%

Test certificate is issued on the base of type test of product. The test results are listed in the test report No.173000004/314/1 from 28th October 2017, issued by TSÚ Piešťany, š.p., Slovak Republik – NB 1299.

Date of issuing: 20th. October 2017


**TECHNICKÝ SKÚŠOBNÝ
ÚSTAV PIEŠŤANY, š.p.**
 Skúšobňa TSÚ
 Krajinská cesta 2929/8
 92101 PIEŠŤANY
 - 314 -


Ing. Marcel Svoboda
 Technical Head of Laboratory TZBaS

Distribution list:

- 1 – Applicant
- 2- TSU Piešťany š.p.