

## TEST CERTIFICATE

No.: O-173000004/3/2017

**Product:** fireplace inserts UNICO Nemo 2+8

**Type:** Nemo 2 TopEco, Nemo 2B TopEco, Nemo 2 Duo, Nemo 4/20 TopEco, Nemo 4B/20 TopEco, Nemo 4/24 TopEco, Nemo 4B/24 TopEco, Nemo 4 Duo, Nemo 6 TopEco, Nemo 6 XL TopEco, Nemo 8, Nemo 8B

**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

		NEMO 2B TopEco	NEMO 4/24 TopEco
Heat output total	kW	15,05	21,27
Water side heat output	kW	3,38	8,70
CO (13 % O <sub>2</sub> )	%	0,081	0,078
CO (13 % O <sub>2</sub> )	mg/m <sub>n</sub> <sup>3</sup>	1005	968
OGC (13 % O <sub>2</sub> )	mg/m <sub>n</sub> <sup>3</sup>	92	89
NOx (13 % O <sub>2</sub> )	mg/m <sub>n</sub> <sup>3</sup>	48	41
Dust (13 % O <sub>2</sub> )	mg/m <sub>n</sub> <sup>3</sup>	39	39
Efficiency	%	89,91	89,03

- 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


		NEMO 2B TopEco	NEMO 4/24 TopEco	Requirements of ecodesign
CO (13 % O <sub>2</sub> )	mg/m <sub>n</sub> <sup>3</sup>	1005	968	≤ 1500
OGC (13 % O <sub>2</sub> )	mg/m <sub>n</sub> <sup>3</sup>	92	89	≤ 120
NOx (13 % O <sub>2</sub> )	mg/m <sub>n</sub> <sup>3</sup>	48	41	≤ 200
Dust (13 % O <sub>2</sub> )	mg/m <sub>n</sub> <sup>3</sup>	39	39	≤ 40
Seasonal space heating energy efficiency	%	79,91	79,03	≥ 65

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

		NEMO 2B TopEco	NEMO 4/24 TopEco	Requirements of Stufe 2 of 1.BImSchV
CO (13 % O <sub>2</sub> )	mg/m <sub>n</sub> <sup>3</sup>	1005	968	≤ 1250
Dust (13 % O <sub>2</sub> )	mg/m <sub>n</sub> <sup>3</sup>	39	39	≤ 40
Efficiency	%	89,91	89,03	≥ 75%

*Test certificate is issued on the base of type test of product. The test results are listed in the test report No.173000004/314/3 from 28<sup>th</sup> October 2017, issued by TSÚ Piešťany, š.p., Slovak Republik – NB 1299.*

Date of issuing: 20<sup>th</sup>. October 2017


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Distribution list:

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