

**Rapporto / Report No. K 3165 2021 B2**

Decreto 7 Novembre 2017, n. 186  
Certificazione ambientale del generatore di calore

Modelli / Models:

**00271971**

**00271973**

Produttore / Manufacturer:

**UNICAL AG S.p.A**

Marchio commerciale / Trademark:

**SCHUSTER**

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**The test results presented in this report refer solely to the test object stated as described on page 2. The report does not represent a general statement about the serial production of the test object and gives not an authorization for use of a TÜV Rheinland test- / certification mark**

**Decreto 7 Novembre 2017, n. 186**  
**Certificazione ambientale del generatore di calore**

Produttore / *Manufacturer:* **UNICAL AG S.p.A**  
Via Roma 123  
I-43033 Castel D`Ario (MN)

Marchio commerciale / *Trademark:* **SCHUSTER**

Modello / *Model:* **00271971, 00271973**

Tipologia prodotto / *Product type:* Stufa a pellets di legna / Wood pellet stove

Norma di riferimento / *Reference standard:* EN 14785:2006

Ente Notificato CPR/ *Notified body acc. CPR* NB 2456

Rapporto di Prova di riferimento / *Reference test report:* K 3165 2021 Z1

Potenza termica nominale / *Nominal heat output:* 8,2 kW

Combustibile di prova / *Test fuel:* Pellet di legna / wood pellet

<b>Prestazioni del generatore di calore</b> <i>Performances of the heating appliance</i>		<b>Classi di prestazione / Performance classes</b>			
		<b>5 stelle</b>	<b>4 stelle</b>	<b>3 stelle</b>	<b>2 stelle</b>
<b>PP<sup>(1)</sup> mg/Nm<sup>3</sup></b>	14	<b>15</b>	20	30	50
<b>COT<sup>(1)</sup> mg/Nm<sup>3</sup></b>	1	<b>10</b>	35	50	80
<b>NOx<sup>(1)</sup> mg/Nm<sup>3</sup></b>	158	100	<b>160</b>	200	200
<b>CO<sup>(2)</sup> mg/Nm<sup>3</sup></b>	54	<b>250</b>	250	364	500
<b>η<sup>(2)</sup> %</b>	91,7	<b>88</b>	87	85	85

<sup>(1)</sup> Determinato applicando il metodo di misura della UNI CEN/TS 15883  
*Determined applying the measurement method of the UNI CEN/TS 15883*

<sup>(2)</sup> Determinato secondo la EN 14785:2006  
*Determined according to EN 14785:2006*

Nota: tutti i valori di concentrazione calcolati al 13% di O<sub>2</sub> in condizioni normali (273 K, 1013 mbar, gas secco)  
*Note: all the concentration values are calculated at 13% of O<sub>2</sub> in normal conditions (273 K, 1013 mbar, dry gas)*

Sulla base delle prestazioni indicate, il generatore di calore risulta in classe  
*Based on the declared performances, the heating appliance is in class*


**4 stelle / 4 stars**

Cologne, 03.11.2021  
432 / mc

TÜV Rheinland Energy GmbH  
Test Centre for Energy Appliances  
NB 2456 (CPR)  
DIN EN ISO/IEC 17025:2005  
accreditation: D-PL-11120-04-00

Assessor:

Report released after review:



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