

Rapporto/Report No. K 3179 2021 B2

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

Tipo / Type:

-

Modelli / Models:

00271990, 00271991, 00271994, 00271567

Produttore / Manufacturer:

UNICAL AG S.p.A

Marchio commerciale / Trademark:

UNICAL, SCHUSTER, WIESBERG, ARIEL



Deutsche
Akkreditierungsstelle
D-PL-11120-04-00

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Publication of page 2 is permitted.**

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Decreto 7 Novembre 2017, n. 186
Certificazione ambientale del generatore di caloreProduttore / *Manufacturer:***UNICAL AG S.p.A**

Via Roma 123

I-43033 Castel D`Ario (MN)

Marchio commerciale / *Trademark:***UNICAL, SCHUSTER, WIESBERG, ARIEL**

Modelli / <i>Models:</i>	00271990 00271991	00271994	00271567
Potenza termica nominale / <i>Nominal heat output:</i>	6,3 kW	7,8 kW	8,7 kW

Tipologia prodotto / *Product type:*Stufe a pellets di legna / *Wood pellet stoves*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 3179 2021 Z1

Combustibile di prova / *Test fuel:*Pellet di legna / *wood pellet*Classe di prestazione / *Performance class:*Vedasi tabelle a pagina 3 /
*See overview tables on page 3*Cologne, 01.12.2021
432 / mcTÜV 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:



Dipl.-Ing. M. Ciccarelli

Dipl.-Ing. M. Reibold

Prestazioni del generatore di calore Performances of the heating appliance Classi di prestazione / Performance class			
	00271990 00271991	00271994	00271567
PP⁽¹⁾ mg/Nm³	11 (5*)	12 (5*)	12 (5*)
COT⁽¹⁾ mg/Nm³	2 (5*)	2 (5*)	2 (5*)
NOx⁽¹⁾ mg/Nm³	109 (4*)	116 (4*)	121 (4*)
CO⁽²⁾ mg/Nm³	67 (5*)	60 (5*)	56 (5*)
η⁽²⁾ %	91,4 (5*)	90,4 (5*)	89,5 (5*)
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	4 stelle / 4 stars	4 stelle / 4 stars
<p>⁽¹⁾ Determinato applicando il metodo di misura della UNI CEN/TS 15883 <i>Determined applying the measurement method of the UNI CEN/TS 15883</i></p> <p>⁽²⁾ Determinato secondo la EN 14785:2006 <i>Determined according to EN 14785:2006</i></p> <p>Nota: tutti i valori di concentrazione calcolati al 13% di O₂ in condizioni normali (273 K, 1013 mbar, gas secco) <i>Note: all the concentration values are calculated at 13% of O₂ in normal conditions (273 K, 1013 mbar, dry gas)</i></p>			

Classi di prestazione Performance classes	5 stelle	4 stelle	3 stelle	2 stelle
PP⁽¹⁾ mg/Nm³	15	20	30	50
COT⁽¹⁾ mg/Nm³	10	35	50	80
NOx⁽¹⁾ mg/Nm³	100	160	200	200
CO⁽²⁾ mg/Nm³	250	250	364	500
η⁽²⁾ %	88	87	85	85