

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.

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:***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

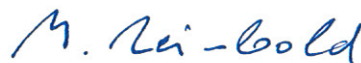
Combustibile di prova / *Test fuel:*Pellet di legna / *wood pellet*Classe di prestazione / *Performance class:*Vedasi tabelle a pagina 3 /
*See overview tables on page 3*Cologne, 01.12.2021
432 / mcTÜV Rheinland Energy GmbH
Test Centre for Energy Appliances
NB 2456 (CPR)
DIN EN ISO/IEC 17025:2005
accreditation: 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/Nm ³	11 (5*)	12 (5*)	12 (5*)
COT⁽¹⁾ mg/Nm ³	2 (5*)	2 (5*)	2 (5*)
NO_x⁽¹⁾ mg/Nm ³	109 (4*)	116 (4*)	121 (4*)
CO⁽²⁾ mg/Nm ³	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
⁽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> ⁽²⁾ Determinato secondo la EN 14785:2006 <i>Determined according to EN 14785:2006</i> Nota: tutti i valori di concentrazione calcolati al 13% di O ₂ 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>			

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

ID MODEL	NOME COMMERCIALE	MARCHIO	TEST REPORT N.
00270743	MINORCA GT 20	SCHUSTER	---
	MINORCA GTR 20	SCHUSTER	---
00270744	MINORCA GT 24	SCHUSTER	---
	MINORCA GTR 24	SCHUSTER	---
00270745	MINORCA GT 34	SCHUSTER	---
	MINORCA GTR 34	SCHUSTER	---
00270788	MAIORCA	SCHUSTER	K 3171 2021 Z1
00271022	IDRA 20 5S	SCHUSTER	K 3184 2021 Z1
00271023	IDRA 24 5S	SCHUSTER	K 3184 2021 Z1
00271825	ZANTE 11	SCHUSTER	5001903/C - 481
00271955	CRETA 15	SCHUSTER	1880CPR/002/001/19
00271956	IDRA 15	SCHUSTER	2001904/C - 355
00271957	IDRA 20	SCHUSTER	2001904/C - 355
00271958	IDRA 25	SCHUSTER	2003534/C - 513
00271959	IDRA 30	SCHUSTER	2003534/C - 513
00271971	ITACA 9	SCHUSTER	K 3165 2021 Z1
00271971	ITACA 9 S	SCHUSTER	K 3165 2021 Z1
00271972	ITACA 10	SCHUSTER	K 3166 2021 Z1
00271973	CORFU' 9	SCHUSTER	K 3165 2021 Z1
00271973	KOS 9	SCHUSTER	K 3165 2021 Z1
00271974	CHIOS 13 C	SCHUSTER	K 3167 2021 Z1
00271974	ITACA 12 C	SCHUSTER	K 3167 2021 Z1
00271980	FORMENTERA 15	SCHUSTER	K 3176 2021 Z1
00271981	FORMENTERA 20	SCHUSTER	K 3177 2021 Z1
00271982	FORMENTERA 24	SCHUSTER	K 3174 2021 Z1
00271983	FORMENTERA 28	SCHUSTER	K 3175 2021 Z1
00271984	FORMENTERA 32	SCHUSTER	K 3175 2021 Z1
00271990	MILOS 6	SCHUSTER	K 3179 2021 Z1
00271991	POROS 7	SCHUSTER	K 3179 2021 Z1
00271992	NAXOS	SCHUSTER	K 3185 2021 Z1
00271993	RODI 8	SCHUSTER	K 3185 2021 Z1
00271994	POROS 9	SCHUSTER	K 3179 2021 Z1
00271995	RODI 10 C	SCHUSTER	K 3185 2021 Z1

