

Rapporto/Report No. K 3032 2021 B3

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

Modelli / Models
**ELENA 10 C, ELENA 10 V,
ELENA 11 C, ELENA 11 V,
ELENA 12 C, ELENA 12 V**

Marchio commerciale / Trademark:
Nobis

Produttore / Manufacturer:
Nobis S.r.l.



This accreditation is valid only for the listed standards as stated in the accreditation annex of 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 caloreProduttore / *Manufacturer:***Nobis S.r.l.**Via Palazzolo 11,
25037 Pontoglio (BS) - ItalyMarchio commerciale / *Trademark:***Nobis**Tipo / *Type:***TypeValue**Modelli / *Models:*

ELENA 10 C, ELENA 10 V	ELENA 11 C, ELENA 11 V	ELENA 12 C, ELENA 12 V
9,4 kW	10,3 kW	11,2 kW

Potenza termica nominale / *Nominal heat output:*Tipologia prodotti / *Product types:*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

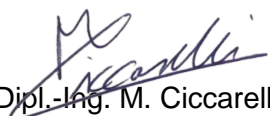
Rapporto di Prova di riferimento / *Reference test report:*

K30322021T1

Combustibile di prova / *Test fuel:*Pellet di legna / *Wood pellet*Cologne, 19.05.2021
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. A. Pomp

Prestazioni del generatore di calore Performances of the heating appliance Classi di prestazione / Performance class			
	ELENA 10 C, ELENA 10 V	ELENA 11 C, ELENA 11 V	ELENA 12 C, ELENA 12 V
PP⁽¹⁾ mg/Nm³	9 (5*)	11 (5*)	12 (5*)
COT⁽¹⁾ mg/Nm³	1 (5*)	1 (5*)	1 (5*)
NOx⁽¹⁾ mg/Nm³	121 (4*)	124 (4*)	127 (4*)
CO⁽²⁾ mg/Nm³	10 (5*)	14 (5*)	17 (5*)
η⁽²⁾ %	89,6 (5*)	89,4 (5*)	89,2 (5*)
Result / Class	4 stelle	4 stelle	4 stelle

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

(2) Determinato secondo la EN 14785:2006
Determined according to EN 14785:2006

Nota: tutti i valori di concentrazione calcolati al 13% di O₂ in condizioni normali (273 K, 1013 mbar, gas secco)
Note: all the concentration values are calculated at 13% of O₂ in normal conditions (273 K, 1013 mbar, dry gas)

Limit Values

	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