

Rapporto/Report No. K 2942 2020 B3

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

Modelli / Models
LUNA 10V, LUNA 10C
LUNA 12V, LUNA 12C

Marchio commerciale / Trademark:
Optima

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)Marchio commerciale / *Trademark:***Optima**Modelli / *Models:*

LUNA 10V, LUNA 10C	LUNA 12V, LUNA 12C
9,1 kW	10,7 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:*

K29422020Z1

Combustibile di prova / *Test fuel:*Pellet di legna / *wood pellet*Cologne, 29.09.2020
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

LUNA 10V, LUNA 10C					
Prestazioni del generatore di calore Performances of the heating appliance		Classi di prestazione / Performance classes			
		5 stelle	4 stelle	3 stelle	2 stelle
PP⁽¹⁾ mg/Nm³	19	15	20	30	50
COT⁽¹⁾ mg/Nm³	1	10	35	50	80
NOx⁽¹⁾ mg/Nm³	141	100	160	200	200
CO⁽²⁾ mg/Nm³	31	250	250	364	500
η⁽²⁾ %	89,3	88	87	85	85
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>					

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

LUNA 12V, LUNA 12C					
Prestazioni del generatore di calore Performances of the heating appliance		Classi di prestazione / Performance classes			
		5 stelle	4 stelle	3 stelle	2 stelle
PP⁽¹⁾ mg/Nm³	19,9	15	20	30	50
COT⁽¹⁾ mg/Nm³	2	10	35	50	80
NOx⁽¹⁾ mg/Nm³	135	100	160	200	200
CO⁽²⁾ mg/Nm³	50	250	250	364	500
η⁽²⁾ %	89,0	88	87	85	85
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>					

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