

**Rapporto/Report No. K 2897 2020 B2**

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

Modelli / Models:

**GRAFT 8 AIR, LILA 8 AIR, RISE 8 AIR, TERRAFUOCO STEEL 8 AIR  
GRAFT 10 AIR, LILA 10 AIR, RISE 10 AIR, TERRAFUOCO STEEL 10 AIR  
GRAFT 12 AIR, LILA 12 AIR, RISE 12 AIR, TERRAFUOCO STEEL 12 AIR**

Produttore / Manufacturer:  
**GIOVE GROUP S.r.l.**

Marchio commerciale / Trademark:  
**Kalon**



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 calore**

Produttore / *Manufacturer:* **GIOVE GROUP S.r.l.**  
Via Giotto 8/10,  
01016 Tarquinia (VT)


Marchio commerciale / *Trademark:* **Kalon**

Modelli / <i>Models:</i>	<b>GRAFT 8 AIR LILA 8 AIR RISE 8 AIR TERRAFUOCO STEEL 8 AIR</b>	<b>GRAFT 10 AIR LILA 10 AIR RISE 10 AIR TERRAFUOCO STEEL 10 AIR</b>	<b>GRAFT 12 AIR LILA 12 AIR RISE 12 AIR TERRAFUOCO STEEL 12 AIR</b>
Potenza termica nominale / <i>Nominal heat output:</i>	4,3 - 6,9 kW	4,3 – 9,5 kW	4,3 - 10,5 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 2897 2020 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, 29.09.2020  
432 / mc


Assessor:



Dipl.-Ing. M. Ciccarelli

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

Report released after review:



Dipl.-Ing. A. Pomp

<b>Prestazioni del generatore di calore</b> <b>Performances of the heating appliance</b> <b>Classi di prestazione / Performance class</b>			
	<b>GRAFT 8 AIR</b> <b>LILA 8 AIR</b> <b>RISE 8 AIR</b> <b>TERRAFUOCO</b> <b>STEEL 8 AIR</b>	<b>GRAFT 10 AIR</b> <b>LILA 10 AIR</b> <b>RISE 10 AIR</b> <b>TERRAFUOCO</b> <b>STEEL 10 AIR</b>	<b>GRAFT 12 AIR</b> <b>LILA 12 AIR</b> <b>RISE 12 AIR</b> <b>TERRAFUOCO</b> <b>STEEL 12 AIR</b>
<b>PP<sup>(1)</sup> mg/Nm<sup>3</sup></b>	19 (4*)	18,6 (4*)	18,5 (4*)
<b>COT<sup>(1)</sup> mg/Nm<sup>3</sup></b>	2 (5*)	3 (5*)	3 (5*)
<b>NOx<sup>(1)</sup> mg/Nm<sup>3</sup></b>	141 (4*)	123 (4*)	117 (4*)
<b>CO<sup>(2)</sup> mg/Nm<sup>3</sup></b>	159 (5*)	137(5*)	129 (5*)
<b>η<sup>(2)</sup> %</b>	91,8 (5*)	91,2 (5*)	91 (5*)
<b>Sulla base delle prestazioni indicate,</b> <b>il generatore di calore risulta in</b> <b>classe</b>  <b>Based on the declared performances,</b> <b>the heating appliance is in class</b>	<b>4 stelle / 4 stars</b>	<b>4 stelle / 4 stars</b>	<b>4 stelle / 4 stars</b>
<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 O<sub>2</sub> in condizioni normali (273 K, 1013 mbar, gas secco)  <i>Note: all the concentration values are calculated at 13% of O<sub>2</sub> in normal conditions (273 K, 1013 mbar, dry gas)</i></p>			

<b>Classi di prestazione</b> <b>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>	15	20	30	50
<b>COT<sup>(1)</sup> mg/Nm<sup>3</sup></b>	10	35	50	80
<b>NOx<sup>(1)</sup> mg/Nm<sup>3</sup></b>	100	160	200	200
<b>CO<sup>(2)</sup> mg/Nm<sup>3</sup></b>	250	250	364	500
<b>η<sup>(2)</sup> %</b>	88	87	85	85