

Rapporto/Report No. K 3061 2021 B6_Rev.01

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

Modelli / Models:
Vedasi tabelle alle pagine seguenti
See overview tables on the following pages

Produttore / Manufacturer:
MORETTI FIRE S.r.l.

Marchio commerciale / Trademark:
MORETTI DESIGN

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

Produttore / *Manufacturer:* **MORETTI FIRE S.r.l.**
 Contrada Tesino, 50
 63065 Ripatransone (AP) - Italy

Marchio commerciale / *Trademark:* **MORETTI DESIGN**

Tipo / *Type:* -

Modelli / *Models:* Vedasi tabelle alle pagine 3-4-5
 See overview on pages 3-4-5

| | | | | |
|--|---------|---------|---------|---------|
| Potenza termica nominale / <i>Nominal heat output:</i> | 22,0 kW | 26,3 kW | 29,4 kW | 32,0 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 3061 2021 Z1_Rev.01

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

Classe di prestazione / *Test fuel:* Vedasi tabelle a pagina 3-4 / See overview on pages 3-4

Rev. 01: This document replaces the test report no. K 3061 2021 B6 dated from 22.11.2021.

Cologne, 16.02.2023
432 / mc

TÜV 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 | | | | |
|---|--|---|---|---|
| | PRESTIGE ALL STYLE AQUA 24, PRESTIGE GLASS AQUA 24, PRESTIGE STYLE AQUA 24, TOP GLASS AQUA 24, TOP ALL STYLE AQUA 24, TOP STYLE AQUA 24, EXCLUSIVE GLASS AQUA 24, ESTIA AQUA 24, EXCLUSIVE STYLE AQUA 24 | PRESTIGE ALL STYLE AQUA 28 PRESTIGE GLASS AQUA 28 PRESTIGE STYLE AQUA 28 TOP GLASS AQUA 28 TOP ALL STYLE AQUA 28 TOP STYLE AQUA 28 EXCLUSIVE GLASS AQUA 28 ESTIA AQUA 28 EXCLUSIVE STYLE AQUA 28 | PRESTIGE ALL STYLE AQUA 32 PRESTIGE GLASS AQUA 32 PRESTIGE STYLE AQUA 32 TOP GLASS AQUA 32 TOP ALL STYLE AQUA 32 TOP STYLE AQUA 32 EXCLUSIVE GLASS AQUA 32 ESTIA AQUA 32 EXCLUSIVE STYLE AQUA 32 | PRESTIGE ALL STYLE AQUA 34 PRESTIGE GLASS AQUA 34 PRESTIGE STYLE AQUA 34 TOP GLASS AQUA 34 TOP ALL STYLE AQUA 34 TOP STYLE AQUA 34 EXCLUSIVE GLASS AQUA 34 ESTIA AQUA 34 EXCLUSIVE STYLE AQUA 34 |
| PP ⁽¹⁾ mg/Nm ³ | 13 (5*) | 13 (5*) | 12 (5*) | 12 (5*) |
| COT ⁽¹⁾ mg/Nm ³ | 4 (5*) | 4 (5*) | 4 (5*) | 4 (5*) |
| NO _x ⁽¹⁾ mg/Nm ³ | 96 (5*) | 96 (5*) | 97 (5*) | 97 (5*) |
| CO ⁽²⁾ mg/Nm ³ | 100 (5*) | 112 (5*) | 121 (5*) | 129 (5*) |
| η ⁽²⁾ % | 93,8 (5*) | 92,9 (5*) | 92,2 (5*) | 91,7 (5*) |
| Sulla base delle prestazioni indicate, il generatore di calore risulta in classe Based on the declared performances, the heating appliance is in class | 5 stelle / 5 stars | 5 stelle / 5 stars | 5 stelle / 5 stars | 5 stelle / 5 stars |

(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)

| 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 |