

Rapporto/Report No. K 3056 2021 B4

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

Modelli / Models
HRV 140 Silhouette, HRV 180 Silhouette

Marchio commerciale / Trademark:
Ravelli

Produttore / Manufacturer:
Aico S.p.A.



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:*

Aico S.p.A.
Via Kupfer, 31
25036 Palazzolo sull'Oglio (BS)

Marchio commerciale / *Trademark:*

Ravelli

Modelli / *Models:*

HRV 140 Silhouette	HRV 180 Silhouette
17,3 kW	21,8 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:*

K30562021T1

Combustibile di prova / *Test fuel:*


Pellet di legna / *Wood pellet*

Cologne, 04.05.2021
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																																		
	HRV 140 Silhouette	HRV 180 Silhouette																																
PP ⁽¹⁾ mg/Nm ³	19,9 (4*)	19,4 (4*)																																
COT ⁽¹⁾ mg/Nm ³	1 (5*)	1 (5*)																																
NOx ⁽¹⁾ mg/Nm ³	156 (4*)	138 (4*)																																
CO ⁽²⁾ mg/Nm ³	40 (5*)	101 (5*)																																
η ⁽²⁾ %	94,0 (5*)	94,3 (5*)																																
Result / Class	4 stelle	4 stelle																																
<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 O₂ 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></p> <p style="text-align: center;"><u>Limit Values</u></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>5 stelle</th> <th>4 stelle</th> <th>3 stelle</th> <th>2 stelle</th> </tr> </thead> <tbody> <tr> <td>PP⁽¹⁾ mg/Nm³</td> <td>15</td> <td>20</td> <td>30</td> <td>50</td> </tr> <tr> <td>COT⁽¹⁾ mg/Nm³</td> <td>10</td> <td>35</td> <td>50</td> <td>80</td> </tr> <tr> <td>NOx⁽¹⁾ mg/Nm³</td> <td>100</td> <td>160</td> <td>200</td> <td>200</td> </tr> <tr> <td>CO⁽²⁾ mg/Nm³</td> <td>250</td> <td>250</td> <td>364</td> <td>500</td> </tr> <tr> <td>η⁽²⁾ %</td> <td>88</td> <td>87</td> <td>85</td> <td>85</td> </tr> </tbody> </table>						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	NOx ⁽¹⁾ mg/Nm ³	100	160	200	200	CO ⁽²⁾ mg/Nm ³	250	250	364	500	η ⁽²⁾ %	88	87	85	85
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