

Notified Body 1880 – Regulation (EU) no305/2011

TEST REPORT n.1880-CPR-048-002-18

Initial Type Testing

Residential space heating appliances fired by wood pellets
EN 14785:2006

Manufacturer: AGE STUFE S.R.L
via Don Giuseppe della Tomba 5
37047 San Bonifacio (VR)
ITALY

Type designations: MICRA 9 - MICRA 11 – SMART 9 – SMART 10 – SMART 11
ASIA 9 –ASIA 10 –ASIA 11 – PETRA 9 – PETRA 10 – PETRA 11
VANITY 9 –VANITY 10 –VANITY 11 – KAREN 9 –KAREN 10 –
KAREN 11
MICRA 9 CANALIZZATA – MICRA 11 CANALIZZATA
SMART 9 CANALIZZATA – SMART 10 CANALIZZATA - SMART 11
CANALIZZATA
ASIA 9 CANALIZZATA 9 –ASIA 10 CANALIZZATA – ASIA 11
CANALIZZATA
PETRA 9 CANALIZZATA – PETRA 10 CANALIZZATA – PETRA 11
CANALIZZATA
VANITY 9 CANALIZZATA –VANITY 10 CANALIZZATA –VANITY
CANALIZZATA 11
KAREN CANALIZZATA 9 –KAREN CANALIZZATA 10 – KAREN
CANALIZZATA 11

Trademark : AGE STUFE

Type designations: A9 – A10 – A11 EMY 9 – EMY 10 – EMY 11 – M9 – M10 - M11
A9 CANALIZZATA – A10 CANALIZZATA A11 CANALIZZATA
EMY9 CANALIZZATA –EMY10 CANALIZZATA – EMY11
CANALIZZATA
M9 CANALIZZATA – M10 CANALIZZATA – M11 CANALIZZATA

Trademark : MHAUSER

Type of appliance: Residential space heating appliances fired by wood pellets without
water heat exchanger.

The results of the tests relate only to the tested appliance.
This test report shall not be reproduced except in full, without written approval of the laboratory.
The appliance was returned to the manufacturer after the end of tests.
All data is stored for 10 years

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Receipt date: September, 17 2018

Start test date: September, 24 2018

End test date: September, 28 2018

Testing laboratory: ACTECO SRL
via Amman, 41
33084 Cordenons (PN)
Italy

Issue date: November ,30 2018

Head of Test Laboratory
Dr.ssa Claudia Marcuzzi

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Task

ACTECO SRL was instructed to execute initial type testing to establish compliance according to the:

- UNI EN 14785:2006 Residential space heating appliances fired by wood pellets.
- UNI CEN/TS 15883:2009 Residential solid fuel burning appliances. Emission test methods
- Client's documents

The practical tests were performed in the laboratory in Cordenons (PN), via Amman, 41.

The type designations indicated in page 1 are identical to the already tested appliance designated “ **MICRA 10**”. The practical tests were performed in the laboratory in Cordenons (PN), via Amman, 41 (see Tests Report: n°1880-CPR- 048-18; n°1880-CPR-048-CL-18; n°1880-CPR- 048-001-18).

In the types designation

MICRA 9 - MICRA 11 – SMART 9 – SMART 10 – SMART 11
ASIA 9 –ASIA 10 –ASIA 11 – PETRA 9 – PETRA 10 – PETRA 11
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Trademark : AGE STUFE

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Trademark : MHAUSER

the difference regards the cover design. The main parts, components, combustion room, heating parts are identical.

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Description of the appliance

Residential space heating appliances fired by wood pellets.
The combustion air is taken from the test room.

Key data of appliance

Appliance	MICRA 10	
Fuel		Wood pellet
Fuel throughput	kg/h	2,20
Total heating output	kW	9,8
CO emission based on 13% O ₂	mg/m ³	67
Efficiency	%	90,5
Flue gas temperature	°C	163
Necessary flue draught	Pa	11,5
Flue gas mass flow	g/s	6,6
Minimum clearance distances from exposed / combustibile materials	from rear wall from side walls	150 mm 200 mm

STATEMENTS OF THE TEST RESULTS

The following requirements of EN 14785:2006 are met:

- materials, design and construction requirements specified in clause 4 (as declared by the manufacturer);
- the safety requirements specified in clause 5;
- the performance requirements specified in clause 6;
- the installation and operating instructions requirements specified in clause 7;
- the marking information requirements specified in clause 8.

PERFORMANCE AT THE NOMINAL HEAT OUTPUT TEST			
Parameter		result	EN 14785:2006 limit
carbon monoxide [at 13% O ₂]	%	0,005	< 0,04
efficiency	%	90,2	> 75
PERFORMANCE AT THE REDUCED HEAT OUTPUT TEST			
Parameter		result	EN 14785:2006 limit
carbon monoxide [at 13% O ₂]	%	0,038	< 0,06
efficiency	%	91,5	> 70

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The appliances

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of **AGE STUFE S.R.L** comply with the requirements of the harmonized European standard UNI EN 14785:2006.

Compliance with the clauses of the harmonized European standard UNI EN 14785:2006 confers a presumption of fitness of the appliance covered by annex ZA for the intended uses indicated by the quoted above normative; reference shall be made to the information accompanying the CE marking.