

Notified Body 1880 – Regulation (EU) no305/2011

TEST REPORT n.1880-CPR-052-002-18

## 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: SMART 7 – ASIA 7 – PETRA 7 – VANITY 7 - KAREN 7  
MICRA 7 CANALIZZATA – SMART 7 CANALIZZATA  
ASIA 7 CANALIZZATA – PETRA 7 CANALIZZATA  
VANITY 7 CANALIZZATA – KAREN 7 CANALIZZATA

Trademark : AGE STUFE

Type designations: A7 – EMY 7 – M7  
A7 CANALIZZATA – EMY 7 CANALIZZATA  
M7 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 7**”. The practical tests were performed in the laboratory in Cordenons (PN), via Amman, 41 (see Tests Report: n°1880-CPR- 052-18; n°1880-CPR-052-CL-18; n°1880-CPR- 052-001-18 ).

In the type designations

SMART 7 – ASIA 7 – PETRA 7 – VANITY 7 - KAREN 7  
MICRA 7 CANALIZZATA – SMART 7 CANALIZZATA  
ASIA 7 CANALIZZATA – PETRA 7 CANALIZZATA  
VANITY 7 CANALIZZATA – KAREN 7 CANALIZZATA

Trademark : AGE STUFE

A7 – EMY 7 – M7  
A7 CANALIZZATA – EMY 7 CANALIZZATA  
M7 CANALIZZATA

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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 7	
Fuel		Wood pellet
Fuel throughput	kg/h	2,20
Total heating output	kW	9,8
CO emission based on 13% O <sub>2</sub>	mg/m <sup>3</sup>	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 <sub>2</sub> ]	%	0,010	< 0,04
efficiency	%	94	> 75
PERFORMANCE AT THE REDUCED HEAT OUTPUT TEST			
Parameter		result	EN 14785:2006 limit
carbon monoxide [at 13% O <sub>2</sub> ]	%	0,016	< 0,06
efficiency	%	94,4	> 70

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The appliances

In the types designation

SMART 7 – ASIA 7 – PETRA 7 – VANITY 7 - KAREN 7  
MICRA 7 CANALIZZATA – SMART 7 CANALIZZATA  
ASIA 7 CANALIZZATA – PETRA 7 CANALIZZATA  
VANITY 7 CANALIZZATA – KAREN 7 CANALIZZATA

Trademark : AGE STUFE

A7 – EMY 7 – M7  
A7 CANALIZZATA – EMY 7 CANALIZZATA  
M7 CANALIZZATA

Trademark : MHAUSER

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.