

Notified Body 1880 – Regulation (EU) no305/2011

TEST REPORT n.1880-CPR-049-003-15

Initial Test Typing

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

Manufacturer: CS THERMOS SRL
Via Padania, 35
31020 San Vendemiano (TV)
Italy

Type designation: Roma 18

Type of appliance: Residential space heating appliances fired by wood pellets with water heat exchanger with indirect water system.

Receipt date: October 23, 2015

Start test date: December 22, 2015

End test date: December 29, 2015

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

Issue date: September 15, 2020

Head of Test Laboratory
Dr.ssa Claudia Marcuzzi

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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Task

ACTECO SRL was instructed to execute initial type testing to establish compliance according to the harmonized European standard UNI EN 14785:2006.

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

The type designation indicated in page 1 is identical to the already tested appliance designated “**Venexia 18**”. The practical tests were performed in the laboratory in Cordenons (PN), via Amman, 41 (see Test Report n°1880-CPR- 049-15; n°1880-CPR- 049-CL-15; n°1880-CPR- 049-001-15).

In the type designation

Roma 18

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

Description of the appliance

Residential space heating appliances fired by wood pellets with indirect water system.

The combustion air is taken from the test room.

Key data of appliance

Appliance	Roma 18	
Fuel		Wood pellet
Fuel throughput	kg/h	3,77
Total heating output	kW	17,0
Space heating output	kW	1,7
Water heating output	kW	15,3
CO emission based on 13% O ₂	mg/m ³	215
Efficiency	%	92,5
Flue gas temperature	°C	98,6
Necessary flue draught	Pa	4,1
Flue gas mass flow	g/s	15,1
Permissible maximum operating pressure	bar	3
Minimum clearance distances from exposed / combustibile materials	from rear wall from side walls	200 mm 200 mm

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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]	%	0,017	< 0,04
efficiency	%	92,5	> 75
PERFORMANCE AT THE REDUCED HEAT OUTPUT TEST			
Parameter		result	EN 14785:2006 limit
carbon monoxide [at 13% O ₂]	%	0,022	< 0,06
efficiency	%	93,1	> 70

The appliance **Roma 18** of **CS THERMOS srl** complies 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.