

TEST REPORT n.1880-CPR-087-001-21

Task

ACTECO SRL was instructed to execute initial type testing and AVCP 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.

Sampling of the appliance

The sampling of the appliance was performed by the manufacturer and was received by the testing laboratory on October 18, 2021.

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 declared by the manufacturer

Appliance	CADEL - PRINCE 11 T1 CADEL - KOBE 11 T1 CADEL - FENICE 11 T1		
Fuel		Wood pellet	
		nominal	reduced
Fuel throughput	kg/h	2,5	0,7
Total heating output	kW	10,5	3
CO emission based on 13% O ₂	%	0,013	0,018
	mg/m ³	159	230
Dust emission based on 13% O ₂	mg/m ³	15	20
OGC emission based on 13% O ₂	mg/m ³	5	5
NOx emission based on 13% O ₂	mg/m ³	100	120
Efficiency	%	90	90
Flue gas temperature	°C	175	95
Necessary flue draught	Pa	12	10
Flue gas mass flow	g/s	8,0	4.0
Minimum clearance distances from exposed / combustibile materials	from rear wall	200 mm	
	from side walls	300 mm	
	from bottom	0 mm	
	ceiling	750 mm	
	front	1000 mm	

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