

Environmental Certificate No. 1880-CPR-020-003-20**ENVIRONMENTAL CERTIFICATION OF HEAT GENERATORS FUELLED BY SOLID BIOMASS COMBUSTIBLES****MINISTRY OF THE ENVIRONMENT AND THE PROTECTION OF LAND AND SEA DECREE OF 7 NOVEMBER 2017, NO. 186**

Manufacturer: AD METAL INDUSTRY ALFA-PLAM RADNICKA 1 17500 VRANJE SRBIJA

Model: **COMMO 12**

Generator type / standard: pellet stoves, inserts and cookers - thermo-stoves / EN 14785

Nominal output kW: 11.9

Fuel: pellet

Testing laboratory: NB 1880 ACTECO SRL via Amman n.41 33084 Cordenons (PN) Italy

Comparison of heat generator performance with the limits set by Decree of 7 November 2017, No. 186

CERTIFIED VALUES			LIMITS Ann.1 D.M. 7/11/2017, n.186			
			5 stars	4 stars	3 stars	2 stars
PP	mg/Nm ³	13	15	20	30	50
COT	mg/Nm ³	7	10	35	50	80
NOx	mg/Nm ³	108	100	160	200	200
CO	mg/Nm ³	107	250	250	364	500
η	%	96.5	88	87	85	85

PP = primary particulates, COT = total organic carbon, NOx = nitrogen oxides, CO = carbon monoxide, η = efficiency

All values indicated refer to dry gas under normal conditions (273 K and 1013 mbar) with a residual volumetric O₂ concentration equal to 13%.

ENERGY EFFICIENCY CLASS:**4 STARS**

The results of the tests carried out on the appliance subject to this Certificate of conformity are contained in test reports 1880-CPR-020-20 and 1880-CPR-020-001-20 dated 29 June 2020.

Date of issue: 29.06.2020

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Laboratory Director
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