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The confirmation letter
for data of initial type test for pellet stove
"Commo 18"

Number K94 – 163 – 2019

This is to conforming data of initial type test for pellet stove **"Commo 18"**.

Producer: "Alfa Plam" A. D., Radnička 1, 17500 Vranje, Serbia

This letter refers only to product detailed in **Test report number: NB 1879 – K – 30 - 2014** / 28.07.2014, issued by "Kontrol 94" Ltd. with Identification number NB 1879.

Test Specification: **EN 14785:2006** and **CEN/TS 15883:2009**.
To confirm specific eco design requirements for solid fuel appliance under **Regulation (EU) 2015/1185**

Appliance's Type: Residential space heating appliance fired by wood pellets.

Model appliance: **"Commo 18"**		Product identification No: Serial No 1681 14	
	Unit	**Data**	
		Nominal heating output	***Reduced heating output***
Fuel	-	Wood pellets – Class A1	
The heating output	kW	18,87	7,63
The water heating output	kW	15,74	6,08
The mean CO at 13%O_2	mg/m^3	78	602
The mean CxHy at 13%O_2	mg/m^3	46,91	-
The mean OGC at 13%O_2	mg/m^3	59,66	-
The mean value of dust at 13%O_2	mg/Nm^3	18,9	-
The mean NOx at 13%O_2	mg/m^3	127,34	123,35
Efficiency	%	91,36	90,13

Specific eco design requirements for solid fuel appliance under Regulation (EU) 2015/1185

Seasonal space heating emissions	**Unit**	**Limits**	**Average**	**O_2 emission**	**Fuel**
The mean value of dust in the flue gas	mg/m^3	≤20	18,9	13%O_2	wood pellets Class A1
The mean value of CO	mg/m^3	≤300	78		
The mean value of OGC	mg/m^3	≤60	56,99		
The mean value of NOx	mg/m^3	≤200	127,34		
Seasonal energy efficiency	%	≥79	85,54		

The company "Alfa Plam" A. D. must respect the requirements of the EN 14785:2016 and Regulation (EU) 2015/1185 for all produced "Commo 18" pellet stoves.

Issue date: 03.12.2019

"Kontrol 94" Ltd.: .....
/ Dipl. Eng. G. Gadjonov /