

1. Summary

Customer	SENKO Ltd., Vladimira Nazora 22, Štefanec, 40000 Čakovec
Subject of test	Residential cooker fired by solid fuel according to HRN EN 16510-1:2023 (EN 16510-1:2022) and HRN EN 16510-2-3:2023 (EN 16510-2-3:2022)
Appliance	Residential cooker fired by solid fuel
Type	C-25, C-35
Manufacturer	SENKO Ltd., Vladimira Nazora 22, Štefanec, 40000 Čakovec
Intended use	Cooking, Baking and Space heating
Fuel	Wood briquettes (test), Wood logs

C-25	Unit	Value	Limit according to				
			HRN EN ¹	HRN EN ²	DIN plus	2. Stufe der 1.BlmSchV	2015/1185 (EU)
Total nominal heat output	kW	16.8	-	-	-	-	-
Water heat output	kW	4.3	-	-	-	-	-
Efficiency	%	81.02	-	> 60	-	> 75	-
CO – at O ₂ = 13%	mg/Nm ³	896	1 500	12 500	-	1 500	1 500
OGC – at O ₂ = 13%	mg/Nm ³	43.1	120	-	120	-	120
NO _x – at O ₂ = 13%	mg/Nm ³	140	200	-	200	-	200
Dust – at O ₂ = 13%	mg/Nm ³	28.6	40	-	-	40	40
Distance to combustible materials	Minimum distances at mm: - rear = 200 - sides = 200 - above = 1000 - front = 800						

¹ HRN EN 16510-1:2023 (EN 16510-1:2022), HRN EN 16510-2-3:2023 (EN 16510-2-3:2022)

² HRN EN 12815:2014/A1:2008/Ispr.2:2008 (EN 12815:2001/A1:2004/AC:2007)

	Unit	Value	Limit according to
			2015/1185 (EU)
Seasonal space heating efficiency	%	71.02	> 65

	Unit	Value	Energy efficiency class
			2015/1186 (EU)
Energy efficiency index (EEI)	%	107.48	A+

Voditelj laboratorija
 Head of the laboratory

prof. dr. sc. *[Signature]*
 DANILO ĐOVIĆ
 FAKULTET STROJARSTVA I BRODOGRADNARSTVA
 ZAGREB, IVANA LUBIČA 8