

DECLARATION of PERFORMANCE (DoP)

according to Regulation (EU) 305/2011

No. G800-G861-CPR-150615

**PRODUCT**

Product type: Slow heat release appliance (SHRA) fired by solid fuel
 Type & serial no. Gabriel Kakelugnar 800-serie (G820 - G861)
 Model: G820 Strömsrum, G830 Borgholm, G840 Ekeby, G855 Kungälv,
 G860 Avanti, G861 Avanti.
 Intended use: Space heating in residential buildings
 Fuel type: Wood logs

MANUFACTURER

Name Gabriel Kakelugnar AB
 Address Strandavägen 62, 384 71 Timmernabben, SWEDEN.

CONTROL

According to AVCP System 3
European Standard EN15250:2007. Complies also with the following standards DINplus, BImSchVo II, 15a B-VG.
Test institute SP. Technical Research Institute of Sweden NB0402 has controlled the declared performance and released test report P800646-A.
 Engineering Test Institute, Czech Republic NB1015 has controlled the declared performance and released test report Nr.39-8796

DECLARED PERFORMANCE		
Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	A1 WT	EN 15250:2007
Distance to combustable material	Behind 50mm	
	Side 300mm	
	Ceiling 50mm	
Risk for burning fuel falling out	Pass	
Emission of combustion products	CO 0,1%	
	NOx 78mg/m3	
	OGC 46mg/m3	
	PM 37mg/m3	
Surface temperature	Pass	
Cleanability	Pass	
Mecanical resistance	Pass	
Release of dangerous substances	Pass	
Thermal storage capacity	Max: 2,9h after start	
	50% av max: 8,0h from max	
	25% av max: 17,2h from max	
Thermal output	156MJ	
Nominal space heating output	4,5KW	
Energy efficiency	92%	
Fluegas temperature in flue spigot	At nominal heat output 120°C	
	At saftey test 170°C	

The undersigned is responsible for the production and compliance with the declared performance.

Jesper Svensson, CEO, Gabriel Kakelugnar AB
 Timmernabben 1 juli 2021

