

PANADERO

DECLARATION OF PERFORMANCE NO. 48025

1. Unique code identifying the type of product:
 - Product No. 48025 Name: GRAND ALLEGRO

2. Intended use:
 - Heating of residential buildings

3. Manufacturer:
 - PANADERO AB, S.L.U.
 - P.I CAMPOLLANO AVENIDA 5ª, 13-15 C.P. 02007 ALBACETE - SPAIN
4. Assessment and verification of constancy of performance system (EVCP):
 - SYSTEM 3

5. Harmonised standard
 - EN 16510-1:2022 ; EN 16510-2-1:2022

6. Notified bodies and test report number
 - SZU N° 1015
 - 30-17200/T (10/07/2024)

Key features		Declared performance	
Mechanical endurance and stability			
Load-bearing capacity		0 kg	
Fire safety			
Protection of combustible materials	0 mm	Minimum distance to combustible materials - dB bottom	
	500 mm	Minimum distance to combustible materials - Ground in the front dF	
	750 mm	Minimum distance to combustible materials - Ceiling dC	
	100 mm	Minimum distance to combustible materials - Rear dR	
	300 mm	Minimum distance to combustible materials - Side dS	
	100 mm	Minimum distance to combustible materials - Lateral radiation zone dL	
	1100 mm	Minimum distance to adjacent combustible materials (e.g. leather furniture) dP	
	N.P.D	Type and thickness of protective insulation material	
Hygiene, health and environment			
Emissions at nominal heat output		Partial load emissions	
Emission of carbon monoxide (CO)	1250 mg/m³	Emission of carbon monoxide (CO)	N.P.D
Emission of nitrogen oxides (NOx)	160 mg/m³	Emission of nitrogen oxides (NOx)	N.P.D
Emission of gaseous organic compounds (GOC)	70 mg/m³	Emission of gaseous organic compounds (GOC)	N.P.D
Particulate matter (PM) emissions	30 mg/m³	Particulate matter (PM) emissions	N.P.D
Safety and accessibility in use			
Data for installation in a chimney			
At nominal heat output		At partial load nominal heat output	
Flue gas outlet temperature	285 °C	Flue gas outlet temperature	N.P.D
Minimum chimney draught	12 Pa	Minimum chimney draught	N.P.D
Flue gas mass flow rate	13 g/s	Flue gas mass flow rate	N.P.D
Data for the installation of a chimney in relation to fire safety during heat output test			
Fire safety from installation to chimney		T400 G	
Energy economy and heat retention			
Appliance heat output and energy efficiency			
At nominal heat output		At partial load heat output	
Heating power	12,7 kW	Heating power	N.P.D
Water heating power, if applicable	N.P.D	Water heating power, if applicable	N.P.D
Efficiency	77 %	Efficiency	N.P.D
Heating efficiency			
Seasonal heating efficiency at the nominal heat output of the appliance		67 %	
Energy efficiency	Energy Efficiency Index (EEI)		102
	Energy efficiency class		A
Electric energy consumption at nominal heat output			
Sustainable use of natural resources			
Environmental sustainability		NPD	

The performance of the product identified above is in conformity with the declared set of performance. This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Antonio Molina Marcilla, Manager
In Albacete, on 31 of January of 2025