

**DECLARATION OF PERFORMANCE**

Nr 001/AT/2015

**ALFA-THERM**

1. Type of product	Solid fuel heater	
2. Number of part, type, series:	SHT 50, SHT 30	
3. Intended use:	SHT heater is designed for warming non-residential rooms	
4. Producer:	ALFAKO sp. z o.o., ul. Czerniejewska 52, 62-270 Kłecko, Poland www.alfa-therm.pl	
5. Authorized representative	Not applicable	
6. Assessment and verification system of performance stability	System 3	
7. Name and identification no. of Notified Body which participated in assessment of performance	OIL AND GAS INSTITUTE – National Research Institute, notified body no. 1450 performed an assessment of performance of construction product in System 3 and issued the research report no. 4068 A1 15 (SHT 50) and no. 4068 A2 15 (SHT 30)	
8. Declared performance:		
Harmonized technical standard	Essential characteristics	Performance
EN 13240:2001/A2:2004/AC:2007	Fire safety	
	Reaction to fire	A1
	Distance between flammable materials	Minimal distance rear – 1,5 m side – 2 m The device must be placed on inflammable surface.
	Risks of embers or exhaust fumes escaping to the room	No
	Combustion products emission (Content of CO in combustion products)	SHT 50 – 0,21% SHT 30 – 0,31% (13% O <sub>2</sub> )
	Release of dangerous substances	Meet
	Temperature of outer surfaces	Handles: ≤70°C Necessity of using tools guaranteeing safe use, which are provided by producer
	Electrical safety	Meet
	Maximum working pressure	N/A
	Temperature of exhaust fumes at nominal thermal power level	SHT 50 – 336,9°C SHT 30 – 284,2°C
	Nominal thermal power	SHT 50 – 35,15 kW SHT 30 – 22,44 kW
Thermal efficiency	SHT 50 – 69,1 % SHT 30 – 65,6 %	
Mechanical endurance	Performance not specified	
Manual	Fuel	Firewood of deciduous trees with moisture content of 20%

**Performance of the products specified in point 1 and 2 are compliant with performance declared in point 8. This declaration of performance is issued under the sole responsibility of the producer specified in point 4.**

On behalf of the producer:

Marek Odzimek, Vice-president

**Wiceprezes**  
*Marek Odzimek*

Kłecko, 15 October 2015