

DECLARATION OF PERFORMANCE

No. DOP: 0432-CPR-00781-30



0432

1. Unique identification code of the product types:

Air-flue chimney system made of stainless steel System „ADAM GAS” according to EN 14989-2: 2007

2. Identification of the construction product, in accordance with Article 11 § 4:

System „ADAM GAS”

Version 304

T450 – N1 – D – Vm – L20040 – O50

3. Use or intended use of the construction product in accordance with the relevant harmonized technical specification as provided by the manufacturer:

Evacuation of combustion products from the furnace to the outside atmosphere and air supply for roomsealed heating applications

4. Name, company name or trademark and contact address of the manufacturer, in accordance with Article 11 § 5:

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PL 26-660 Wsola / Jedlińsk

Tel: +48 389 99 11

e-mail: detal@kratki.com

5. Name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 §2:

not applicable

6. The system or systems of assessment and verification of constancy of performance of construction product in accordance with Annex V:

System 2+

7. Notified body certifying the factory production control No 0432

Materialprüfungsamt Nordrhein-Westfalen

Marsbruchstraße 186; D-44287 Dortmund

has carried the initial inspection of the factory and control of factory production and performs the continuous surveillance, assessment and approval of factory production control and on the 11.05.2021 has issued the compliance certificate No 0432-CPR-00781-30 for the factory production control.

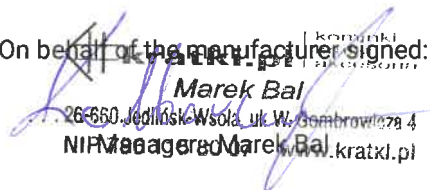
8. Declared performance in accordance with EN 14989-2:2007 annex ZA

Essential characteristics	Performance	Comments
Materials and sheet thicknesses		
Diameters	dn / Dn 100/150; 130/200	
Inner pipe	Version 304 L20: 1.4301 0,4 mm (minimum 0,36 mm)	
Outer pipe	1.4301 0,4 mm (minimum 0,36 mm) 0,5 mm (minimum 0,45 mm) Painted or not painted surface.	
Sealing	Not used	
Thermal insulation	Air	Concentric air-flue chimney system
Mechanical strength		
Compressive strength Segments of the chimney, fittings and supports	Up to 30 m - assembly directly on the stove For (130/200) up to 13 m; for (100/150) up to 17m - assembly on the console	For more information, see the manual
Tensile strength	10m	
Non-vertical installation	2 m at 45°	The maximum distance between two supports
Wind load resistance	1,8 m	The maximum distance between the two side fixings
	1,8 m	Free end above the last clamping
Working conditions		
Fire resistance	T450 – O50	Tested in fully ventilated floor penetrations
Tightness	N1 (leakage rate for 40Pa: less than 2,0 [l s ⁻¹ m ⁻²])	Working in negative pressure
Flow resistance Fittings and terminals; roughness	According to EN 13384-1; R = 1 mm	Normative value: see the method of calculation
Thermal resistance	0 m ² K/W	Declared value
Resistance to thermal shock		
Heat load at nominal temperature	T450	Test temperature 550° C
Sootfire resistance	Not (designation O)	
Durability		
Water vapor diffusion and water resistance	Not (designation D)	
Condensate penetration resistance	Not (designation D)	

Corrosion resistance	Version 304: Vm	For gas
Freeze-thaw resistance	Yes	
Additional information		
Carrying away of condensate	(D) M251 instruction of Sewage Disposal Methods Association	Necessary neutralization of sewage
Storage conditions	Do not store in corrosive environment	
Methods of cleaning	Do not use the tools of black steel	
Position of cleaning openings	(D): According to DIN 18 160	Observe the national regulations
Identification of flue systems	(D): According to DIN 18 160 Durable plate, mounted on installation, housing or casing	Observe the national regulations
Protection against contact	Labeling or spacers at temperatures ≥ 70 °C	
Direction of flow	Core pipe female socket upwards	
Installation and assembly	Follow the instructions	

9. The performance of the product identified in points 1 and 2 is consistent with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer mentioned in point 4.

On behalf of the manufacturer signed:


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Jedlińsk 20-05-2021