

N° DOP: 0432-CPR-00095-330

1. Unique identification code of the product types:

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

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

System „GasFire”

01	T450 – N1 – D – Vm – L20040 – O50
01A	T450 – N1 – D – Vm – L20050 – O50
02	T450 – N1 – D – Vm – L50040 – O50
02A	T450 – N1 – D – V2 – L50050 – O50
03	T450 – N1 – D – V2 – L99040 – O50
03A	T450 – N1 – D – V2 – L99050 – 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:

MK Sp. z o.o.

Kadłubia; ul. Kominowa 5
PL 68-200 Żary

Tel: +48684581919; Fax: +48684581914

e-mail: sekretariat@mkzary.pl

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 has issued the compliance certificate N° 0432-CPR-00095-330 for the factory production control.

8. Declared performance in accordance with EN 14989-2:2007, EN 1856-1:2009, annex ZA

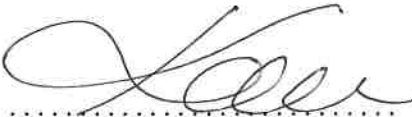
Essential characteristics	Performance	Comments
Materials and sheet thicknesses		
Diameters	dn / Dn 100/150; 130/200	
Inner pipe	01: L20: 1.4301 0,4 mm (minimum 0,36 mm) 01A: L20: 1.4301 0,5 mm (minimum 0,45 mm) 02: L50: 1.4404 0,4 mm (minimum 0,36 mm) 02A: L50: 1.4404 0,5 mm (minimum 0,45 mm) 03: L99: 1.4521 0,4 mm (minimum 0,36 mm) 03A: L99: 1.4502 0,5 mm (minimum 0,45 mm)	
Outer pipe	1.4509; 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	01, 01A, 02: Vm	For gas
	02A, 03, 03A: V2	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 7.
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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Kinga Pachnik – Managing Director


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Ireneusz Koman – Plant Director

Żary 29-11-2021