

Certificate No. 1020-CPR-070038635, Annex No. 3

Technical description of the product Metal insulated negative pressure chimneys type SLIM

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Nominal diameter of flue liner [mm]	80	100	110	120	130	140	150	160	180	200	225	250	300	350	400	450	500
Thickness of insulation [mm]	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Grade of material	1.4301 (1.4307), 1.4521																
Thickness of flue liner [mm]	0,40 do 0,60																
Area of flue liner intersection [cm²]	50	78	98	117	135	152	179	203	254	317	399	494	706	968	1262	1597	1970
Maximum load [N/mb]	70,0	74,0	78,6	85,5	90,6	93,0	100,6	103,5	118,3	120,2	134,1	151,0	176,3	194,8	226,6	243,5	277,0
Purpose	Drain of combustion products of gas, of oil, of wood																
Pressure level	Negative pressure, Pressure level: N1																
Max. temperature of exhaust gases (Temp. class)		450°C (T450)															
Condensate resistance *)	Total Control						wor	king dr	/ - D, w	orking	wet - \	N					
Distance to combustible material				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 100 AND 1 100	r	nin. 100	0 mm	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	APPA	TOTAL			The second secon	
Thermal resistance									0,4 m ²	KW							
Corrosion resistance			THE TABLE		To the second		Vm	for gra	de 1.45	521: V1	, V2, V	3)	1				
Sootfire resistance	G – proof																
Medium height of chimney																	

^{*) -} in CR established by national regulation - CSN 73 4201, Annex A

All chimney sections and fittings of Metal insulated negative pressure chimneys type SLIM (made by KOMIN-FLEX) should be designated in accordance with the following designation system:

	EN 1056 1	TAFO				1.00		0400
	EN 1856-1	T450	N	The second secon	Vm	L20	XXX	G100
Standard numbe	Cornell Indicated March I Indicated							esi kadak
Temperature lev	el (°C)			AND COMPANY THE PROPERTY OF T	100 100 100 100 100 100 100 100 100 100			
Pressure level (r	negative pressure)	27 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
Condensate resi	stance (D: dry, W: wet)							
Corrosion resista	ance (Vm – dec. of mate	rial type, V1, V	/2, V3 – tes	ts)	A LANGE CONTROL OF THE CONTROL OF TH	The second secon		1000 1000 1000 1000 1000 1000 1000 100
Flue liner materi	al specification (L20 - st	eel 1.4301, thic	ckness of flu	ue liner .0,X	X mm)	The Later of		20 1 20 1 10
Sootfire resistan	ce (G: resistant), distand	ce to combustil	ble material	: min.100				
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The stamp of the Notified Body 1020

Ostrava, 11 June 2018



Dipl. Eng. Vojtěch Šebek Deputy manager of the Notified Body