



**TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.**  
**Technical and Test Institute for Construction Prague, SOE**

Akreditované laboratoře, Autorizovaná osoba, Oznamovaný subjekt, Subjekt pro technické posuzování, Certifikační orgány, Inspekční orgán / Accredited Laboratories, Authorized Body, Notified Body, Technical Assessment Body, Certification Bodies, Inspection Body • Prosecká 811/76a, Prosek, 190 00 Praha 9, Czech Republic

Certificate No. 1020-CPR-070038639, Annex No. 1

**Technical description of the product**  
**Metal concentric chimney systems type WSPS**

Nominal diameter of flue duct [mm]	60	80	100	110	120	130	140	150	150	160	180	200	250	300
Grade of material of flue duct	1.4404, 1.4301 (1.4307), 1.4521													
Thickness of flue duct [mm]	from 0,40 to 0,60													
Nominal diameter of air duct [mm]	100	125	150	160	180	200	200	200	250	220	250	300	350	400
Grade of material of air duct	1.4404, 1.4301 (1.4307), 1.4521													
Thickness of air duct [mm]	from 0,40 to 0,60													
Area of flue duct intersection ~ [cm <sup>2</sup> ]	28	50	78	95	113	133	154	177	177	201	254	314	491	706
Purpose	Drain of combustion products of gas, oil and pellet from roomsealed heating appliances, components of flue gas chimney systems type CASCADE and LAS													
Pressure level	Positive pressure, Pressure level: P1													
Max. temperature of exhaust gases (Temperature class)	200°C (T200)													
Condensate resistance *)	working dry - D, working wet - W													
Distance to combustible material	min. 100 mm													
Corrosion resistance	Vm (for grade 1.4521: V1, V2, V3)													
Sootfire resistance	O - not resistant													

\*) - in CR established by national regulation – CSN 73 4201, Annex A

**All chimney sections and fittings of Metal concentric chimney systems type WSPS (made by KOMIN-FLEX) should be designated in accordance with the following designation system:**

**EN 14989-2    T200    P1    W    Vm    L50xxx    O100**

Standard number

Temperature level (°C)

Pressure level (positive pressure)

Condensate resistance (D: dry, W: wet)

Corrosion resistance (Vm – dec. of material type, V1, V2, V3 – tests)

Flue liner material specification (L50 - steel 1.4404, thickness of flue liner .0,XX mm)

Sootfire resistance (O: not resistant), distance to combustible material: min.100

The stamp of the Notified Body 1020

Ostrava, 2 June 2025



Ing. Vladimír Plaček, Ph.D.  
 Deputy manager of the Notified Body