

CHIMNEY LINERS

TYPE GAZKOM NEGATIVE PRESSURE

Example of marking elements manufactured according to the standard EN 1856-2

	EN 1856-2	T450	N1	W	V _m	L30050	G500
Standard number	↓						
Maximum working temperature		↓					
Pressure class (W: Negative pressure, P: Positive pressure)			↓				
Resistance to condensate (W: wet; D: dry)				↓			
Resistance to corrosion according to type and thickness of material					↓		
Material specification (50-1.4404, 20-1.4301, 30-1.4307)						↓	
Thickness of material (0.XX mm)							↓
Resistance to soot fire (G: yes; O: no), distance from flammable materials (500 mm)							↓



CHIMNEY LINERS

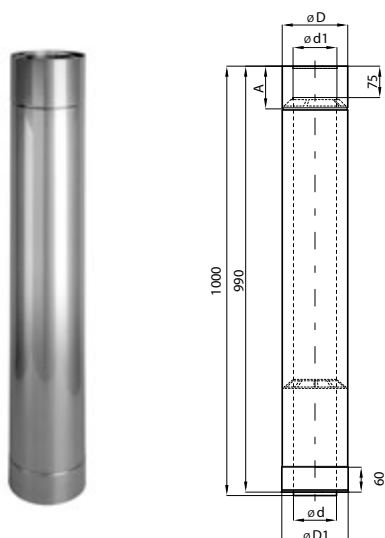
TYPE GAZKOM NEGATIVE PRESSURE

New generation of fireplaces – gas fireplaces – requires the use of special chimney systems. Designed with comfort and safe operation in mind, the devices require reliable smoke discharge. The GAZKOM steel concentric smoke/air system is a way to address these needs. Smoke is discharged through the internal duct, while the external duct supplies the fireplace with air, necessary for combustion. The system allows for operation regardless of the ventilation in the room in which a fireplace is installed. The GAZKOM system, resistant to high smoke temperature amplitudes occurring during the operation of gas fireplaces (thermal resistance T450°C, periodically up to 600°C), with a structure ensuring compensation of thermal elongations, is characterized by low flow resistance, which is particularly important in balanced flue self-suction systems. GAZKOM elements allow connecting a gas fireplace in several configurations. The basic method of installation is using the existing brick chimney, where the GAZKOM liner is placed. Another way is a side outlet and air intake from behind the building's wall. Smoke can also be discharged above the building's roof. In this case, the SPS IZOL system is used. The system is installed outside the building with a special air

intake located in the lower part of the chimney connected to GAZKOM.

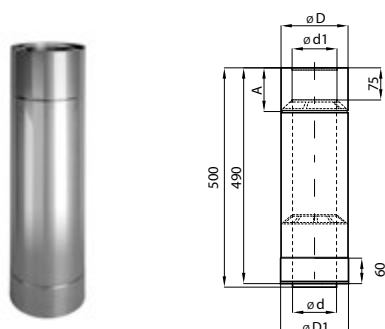
The system is characterised by permanently welded centring elements in the fittings, ensuring concentricity and a protruding flue of the internal element, working in favour of easy assembly (no clamps) with a guarantee of a stable and rigid structure. Elements connected with the use of socket ends (60 mm – muff) enable the liner's free dilatation. The system works under negative pressure (it is not equipped with gaskets).

GAZKOM chimney liners comply with the following European standards: EN 1443, EN 1856-2 and the Polish standard PN-93/B-02870. The production of chimney liners is covered by a system of factory production control, certificate No 1020-CPD-070038635 (TZUS Praga). KOMIN-FLEX has implemented and maintains a quality management system compliant with the requirements of the standard EN ISO 9001:2015 certified by TZUS Praga.



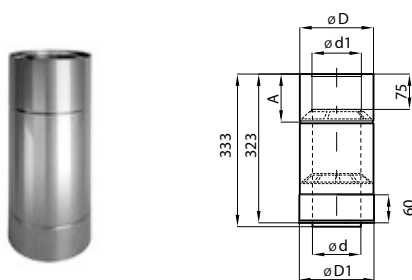
PIPE 1m

trade diam.	100/150	130/200
d	100	132
d1	102	134
D	152	201
D1	154	203
A	97	104



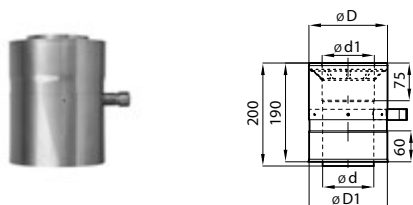
PIPE 0,5m

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d	100	132
d1	102	134
D	152	201
D1	154	203
A	97	104



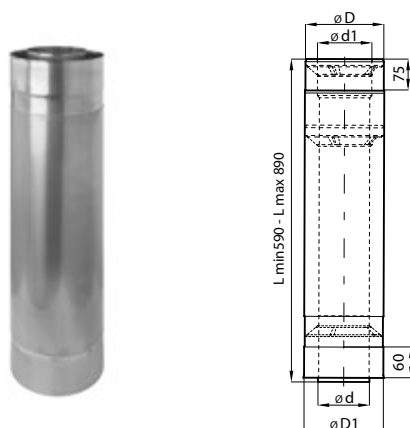
PIPE 0,33 m

trade diam.	100/150	130/200
d	100	132
d1	102	134
D	152	201
D1	154	203
A	97	104



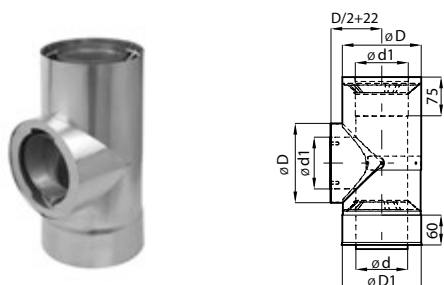
MEASUREMENT NOZZLE PIPE / CONDENSER

trade diam.	100/150	130/200
d	100	132
d1	102	134
D	152	201
D1	154	203



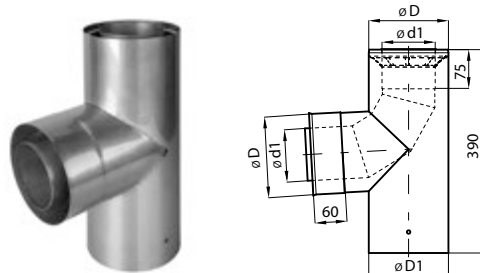
TELESCOPE

trade diam.	100/150	130/200
d	100	132
d1	102	134
D	152	201
D1	154	203



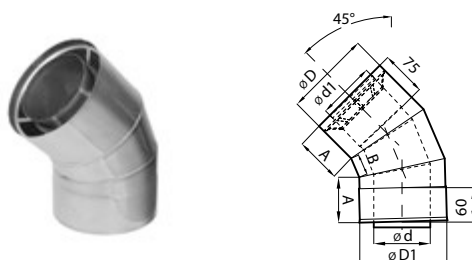
CLEANING HOLE

trade diam.	100/150	130/200
d	100	132
d1	102	134
D	152	201
D1	154	203



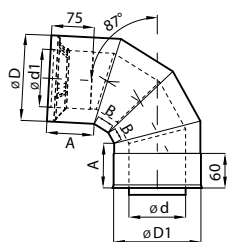
ELBOW TEE 87°

trade diam.	100/150	130/200
d	100	132
d1	102	134
D	152	201
D1	154	203



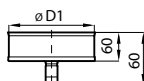
ELBOW 45°

trade diam.	100/150	130/200
d	100	132
d1	102	134
D	152	201
D1	154	203
A	80	75
B	35	27



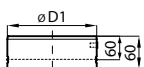
ELBOW 87°

trade diam.	100/150	130/200
d	100	132
d1	102	134
D	152	201
D1	154	203
A	80	75
B	35	27



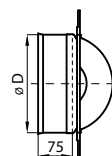
BOTTOM

trade diam.	100/150	130/200
d	100	132
d1	102	134
D	152	201
D1	154	203



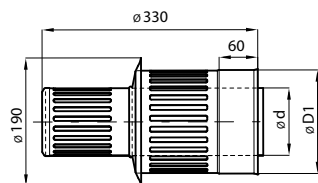
AIR INTAKE BOTTOM

trade diam.	100/150	130/200
d	100	132
d1	102	134
D	152	201
D1	154	203



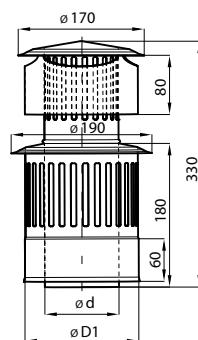
INSPECTION COVER

trade diam.	100/150	130/200
d	100	132
d1	102	134
D	152	201
D1	154	203



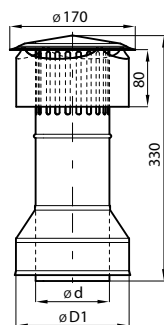
SIDE OUTLET

trade diam.	100/150	130/200
d	100	132
d1	102	134
D	152	201
D1	154	203



VERTICAL OUTLET

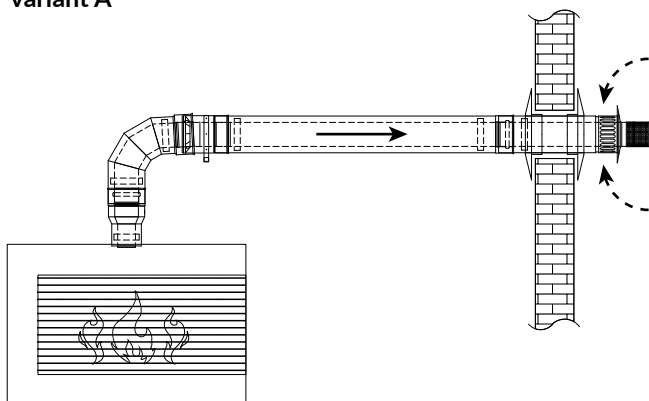
trade diam.	100/150	130/200
d	100	132
d1	102	134
D	152	201
D1	154	203



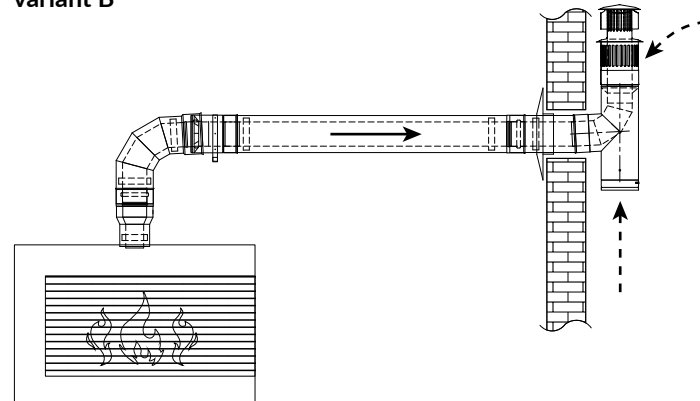
VERTICAL ENDING

trade diam.	100/150	130/200
d	100	132
d1	102	134
D	152	201
D1	154	203

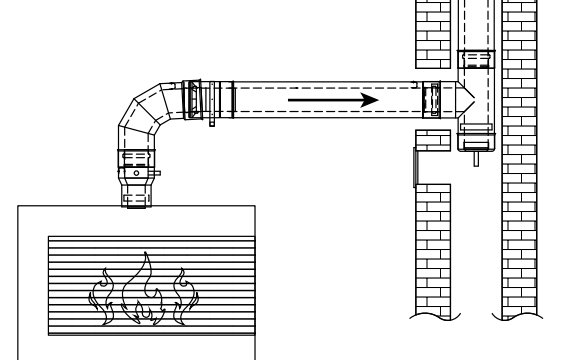
variant A



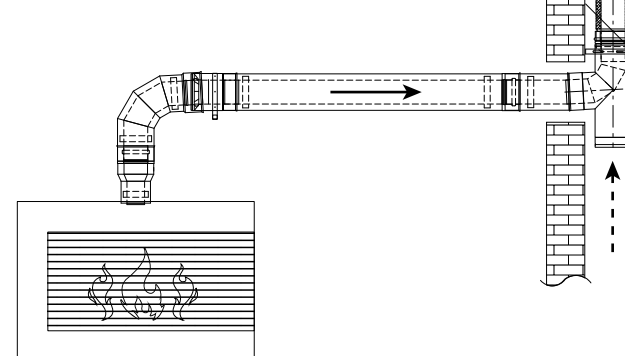
variant B



variant C



variant D



-----> AIR

—————> SMOKE