



TECHNICAL DATA

Range: PSLI

Simple wall metal chimney

Designations:	Model	Standard	Designation	Diameter			
- Without seal:	EI	EN 1856-2	T600 N1 W Vm L20040 G(XX)NM	80-200			
			T600 N1 W Vm L20050 G(XX)NM	250-600			
			T600 N1 W Vm L20060 G(XX)NM	>600			
	BI	EN 1856-2	T600 N1 W V2 L50040 G(XX)NM	80-200			
			T600 N1 W V2 L50050 G(XX)NM	250-600			
			T600 N1 W V2 L50060 G(XX)NM	>600			
CE Certificate: 0099/CPR/A71/0098							
- With seal:	EI	EN 1856-1	T200 P1 W Vm L20040 O(50)	80-200			
			T200 P1 W Vm L20050 O(50)	250-300			
			T200 P1 W Vm L20050 O(75)	350-450			
			T200 P1 W Vm L20050 O(100)	500-600			
			T200 P1 W Vm L20060 O(200)	>600			
	BI	EN 1856-1	T200 P1 W V2 L50040 O(50)	80-200			
			T200 P1 W V2 L50050 O(50)	250-300			
			T200 P1 W V2 L50050 O(75)	350-450			
			T200 P1 W V2 L50050 O(100)	500-600			
			T200 P1 W V2 L50060 O(200)	>600			
			CE Certificate: 0099/CPR/A71/0077				



Application:	<ul style="list-style-type: none"> Exhaust flue gas for boilers. Liner. Air duct. Fume extraction hoods.
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Characteristics:	
Maximum use temperature	Without seal → 600 °C With seal → 200 °C
Pressure level	Without seal → Negative pressure With seal → Positive pressure (up to 200 Pa)
Condensate resistance	EI → Dry operating conditions BI → Wet operating conditions (for condensing boilers)
Corrosion resistance	EI → Vm (good) BI → V2 (very good)
Fuel	Gas, gas oil → EI Model Gas, gas oil (condensing) → BI Model Solids → BI Model
Sootfire resistance	Without seal → Yes (G Designation) With seal → No (O Designation)
Minimum distance to combustible materials	Depending on designation and diameter For solid combustion installations [G(xx)] 3 times the diameter, with 375 mm minimum. For gas o gas oil installations and flue gas temperature until 200 °C [O(xx)] Ø80 to Ø300: 50 mm Ø350 to Ø450: 75 mm Ø500 to Ø600: 100 mm Ø > 600: 200 mm
Placement	Interior
Nominal diameters	Dn 80, 100, 125, 150, 175, 200, 250, 300,350, 400, 450, 500, 550, 600, 650 and 700 mm



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Diameters	80, 101, 126, 151, 176, 201, 251, 301, 350, 400, 450, 500, 550, 600, 650 and 700 mm
Wall material	EI → L20 → Stainless steel AISI 304 (1.4301) BI → L50 → Stainless steel AISI 316L (1.4404)
Thickness	Ø80 to Ø200: 0,4 mm Ø250 to Ø600: 0,5 mm Ø > Ø600: 0,6 mm
Insulation	None
Seal	Two lips. Made of silicone. Ø80 ÷ Ø100: Placed on the internal side of the female end Ø125 ÷ Ø700: Placed on the external side of the male end
Compressive strength	Maximum load: 12 m
Tensile strength	Maximum load: 12 m
Support compressive strength	Maximum load: 12 m
Lateral strength (wind load resistance)	Maximum distance between wall supports: 3 m Free length from the last support: 1,5 m
Non-vertical installation	45°, maximum distance between wall supports: 3 m 90°, maximum distance between wall supports: 2 m
Freeze-thaw resistance	Resistant to freeze and thaw cycles
Flow resistance: straight sections	Roughness: 1 mm [according to EN 13384-1]
Flow resistance: fittings	According to EN 13384-1
Thermal resistance	0 m ² K/W
Fire resistance	No performance determined
Fire reaction	Class A1
Support installation	Base support each 12 m Wall support each 3 m Adjustable wall separation: 50 - 80 mm
Surface temperature	No performance determined
Another	Fast assembly, no tools necessary. Components must be installed with end female on the top and end male in the bottom. See figure 1. The joint between two elements must be fixed with the clamp. Elements cannot be cut. Adjustable elements are available.