



TECHNICAL DATA

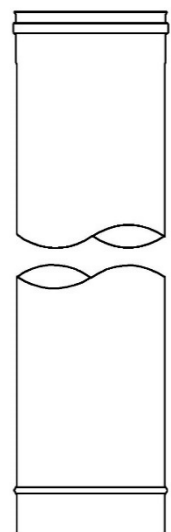
Range: PSLI - H1

Simple wall metal chimney

| | | | | |
|--|---|-------------------------------------|---|------------------------------|
| Designations: - With seal: | Model | Standard | Designation | Diameter |
| | BJ | EN 1856-1 | T200 H1 W Vm L50040 O(50) T200 H1 W Vm L50050 O(50) T200 H1 W Vm L50050 O(75) | 80-200 250-300 350-400 |
| CE Certificate: 0099/CPR/A71/0108 UKCA Certificate: 0086 CPR 754841 | | | | |
| - Without seal: | BJ | EN 1856-2 | T600 N1 W Vm L50040 G(XX)NM T600 N1 W Vm L50050 G(XX)NM | 80-200 250-400 |
| | CE Certificate: 0099/CPR/A71/0112 UKCA Certificate: 0086 CPR 754834 | | | |
| Application: | <ul style="list-style-type: none"> Exhaust flue gas for boilers. Ideal for condensing installations. Liner. Air duct. Fume extraction hoods. | | | |
| Characteristics: | | | | |
| Maximum use temperature | With seal | → 200 °C | | |
| | Without seal | → 600 °C | | |
| Pressure level | With seal | → Positive pressure (up to 5000 Pa) | | |
| | Without seal | → Negative pressure | | |
| Condensate resistance | Wet operating conditions (for condensing) | | | |
| Corrosion resistance | Very good | | | |
| Fuel | Gas, gas oil, solids | | | |
| Sootfire resistance | With seal | → No (O Designation) | | |
| | Without seal | → Yes (G 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 Ø400: 75 mm | | | |
| Placement | Interior | | | |
| Nominal diameters | Ønom. 80, 100, 125, 130, 150, 175, 180, 200, 250, 300, 350, 400 | | | |
| Internal diameters | Øint. 80, 101, 126, 131, 151, 176, 181, 201, 251, 301, 350, 400 | | | |
| Wall material | Stainless steel AISI 316L (1.4404) | | | |
| Thickness | Ø80 to Ø200: 0,4 mm Ø250 to Ø400: 0,5 mm | | | |
| Insulation | None | | | |
| Seal | Three lips. Made of silicone. Placed on the internal side of the female end. | | | |
| Compressive strength | Maximum load: 12 m | | | |
| Tensile strength | Maximum load: 12 m | | | |
| Support compressive strength | Maximum load: 12 m | | | |
| Lateral resistance (wind load resistance) | Maximum distance between wall supports: 3 m Free length from the last support: 1,5 m | | | |



FEMALE



MALE
Figure 1



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Range: PSLI - H1

Simple wall metal chimney

| | |
|------------------------------------|--|
| 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. When making the joint with seal, it is important that the ends of the pipe are clean and free of dirt. Apply soapy solution around the surface of the male end and the inner circumference of the seal. The joint between two elements is fixed with the locking band. Elements can be cut. Keep in mind that cut elements lose the possibility to use the locking band. The joint between the cut pieces must be ensured with the adjacent supports. Adjustable elements are available. |