

# TECHNICAL FEATURES

## DESCRIPTION

Metallic double walled rigid chimney system with round cross section featuring an insulating mineral wool layer 25 or 50 mm thick.

The inner element is made in AISI 316L with a wall thickness of 0,5 - 0,6 - 0,8 - 1,0 mm (features a sealing gaskets).

The outer wall is made in AISI 304 BA with a wall thickness of 0,5 mm or in copper with a wall thickness of 0,5 - 0,6 mm (features a blocking clamp).

## USE


Gas exhausts release to atmosphere from thermal appliances.

Installation of connecting flue pipes, liners, collectors and chimneys for blow, pressurized or natural draught boilers. Suitable for type "B" and "C" appliances (condensing type allowed), fireplaces, pellet or wood stoves.

## DIAMETERS INNER/OUTER mm

80/130 - 100/150 - 130/180 - 150/200 - 180/230 - 200/250 - 250/300 - 300/350 - 350/450 - 400/500 - 450/550 - 500/600

## CERTIFICATE

 <sup>11</sup>  
0407 Certificate n° 0407-CPR-423 (IG-095-2011)

## DESIGNATION

Chimney system EN 1856-1 DN (80-300) insulating layer 25 mm T600 N1 D V2 L50050/060/080/100 G(70)

Chimney system EN 1856-1 DN (80-300) insulating layer 25 mm T200 P1 W V2 L50050/060/080/100 O(50) (\*)

Chimney system EN 1856-1 DN (350-450) insulating layer 50 mm T600 N1 D V2 L50050/060/080/100 G(105)

Chimney system EN 1856-1 DN (350-450) insulating layer 50 mm T200 P1 W V2 L50050/060/080/100 O(75) (\*)

Chimney system EN 1856-1 DN (500) insulating layer 50 mm T600 N1 D V2 L50050/060/080/100 G(140)

Chimney system EN 1856-1 DN (500) insulating layer 50 mm T200 P1 W V2 L50050/060/080/100 O(100) (\*)

(\*) with sealing gasket

**Chimney system:** Chimney constructed from compatible chimney elements supplied or specified by a single manufacturer

**EN 1856-1:** Reference standard

**DN (80-300) insulating layer 25 mm:** ref. diameter including insulating layer thickness (from dn 80 mm to dn 300 mm insulating thickness 25 mm)

**DN (350-450) insulating layer 50 mm:** ref. diameter including insulating layer thickness (from dn 350 mm to dn 450 mm insulating thickness 50 mm)

**DN (500) insulating layer 50 mm:** ref. diameter including insulating layer thickness (dn 500 mm insulating thickness 50 mm)

**T200:** Temperature class (200 °C)

**T600:** Temperature class (600 °C)

**N1:** Resistance to pressure (40 Pa)

**P1:** Resistance to pressure (200 Pa)

**D:** Resistance to condensate (W = wet - D = dry)

**W:** Resistance to condensate (W = wet - D = dry)

**V2:** Corrosion resistance (gas combustibles, liquid combustibles natural wood)

**L50:** Material code (AISI 316L)

**050/060/080/100:** Wall thickness (0,5 - 0,6 - 0,8 - 1,0 mm)

**O:** Soot fire resistance (G = yes - O = no)

**G:** Soot fire resistance (G = yes - O = no)

**(50):** Distance from combustible materials (50 mm)

**(70):** Distance from combustible materials (70 mm)

**(75):** Distance from combustible materials (75 mm)

**(100):** Distance from combustible materials (100 mm)

**(105):** Distance from combustible materials (105 mm)

**(140):** Distance from combustible materials (140 mm)

