PRODUCT SHEET · CONCENTRIC FLUE SYSTEM

Concentric CI series

Air-flue system for facade mounting · PP inner pipe, stainless outer casing · Ø60/100, Ø80/125 and Ø110/160

Ø60/100 - Ø110/160

EN

The system · pipe, 87° elbow, support and terminal



Technical data

Design	concentric: flue gas in the inner pipe, combustion air in the annular gap
Inner pipe	PP, EPDM seal
Outer casing	304 stainless steel
Diameters	60/100 · 80/125 · 110/160 mm
Temperature and pressure	T120 · H1 (5000 Pa) and P1 (200 Pa)
Fixing	wall bracket at least every 2 m, at most 1 m free above the last bracket
Height	up to 50 m
Standard and CE	EN 14471:2013+A1:2015 · DoP 9184-V06 · notified body 0036

Components and item codes

Component · Ø inner/outer	60/100	80/125	110/160
Pipe 1 m	CI10006	CI10008	CI10011
Pipe 50 cm	CI5006	CI5008	CI5011
Elbow 30°	CIB3006	CIB3008	CIB3011
Elbow 45°	CIB4506	CIB4508	CIB4511
Elbow 87°	CIB8706	CIB8708	CIB8711
Support with air supply (connection tee)	CIST06	CIST08	CIST11
Bracket for the support (pair)	CIOH06	CIOH08	CIOH11
Air inlet element	CIILG06	CIILG08	CIILG11
Inspection element	CII06	CII08	CII11
Transition socket (roof terminal or spigot)	CIOG06	CIOG08	CIOG11
Terminal (outlet)	CIMA06	CIMA08	CIMA11
Wall bracket, 50 mm from the wall	CIMB206	CIMB208	CIMB211
Bracket extension 105 mm (pair)	CIBV2106	CIBV2108	CIBV2111
Bracket extension 205 mm (pair)	CIBV2206	CIBV2208	CIBV2211
Intermediate bracket with wall plate	CIAPO06	CIAPO08	CIAPO11
Stud bracket	CIPB06	CIPB08	CIPB11
Clamp band	CIKB06	CIKB08	CIKB11
Wall rosette, two-piece	CICP06	CICP08	CICP11
Square plastic wall plate	CIMP06	CIMP08	-
Reducer from Ø80/125 to Ø110/160	-	-	CIVG0811
CLV floor set, boiler connection Ø80/125	-	-	CIEB11

The last two digits of the code give the diameter: 06 = 60/100, 08 = 80/125, 11 = 110/160. The intermediate bracket is recommended above 15 m or after an offset.

Standard and designation · EN 14471

According to the declaration of performance DoP 9184-V06 (system 0.4 and 0.6), notified body 0036. O00: not soot-fire resistant, 0 mm to combustible material. LE: indoor and outdoor.

Ø	designation
60/100-110/160	`T120 H1/P1 W2 O00 LE E U0`

Applications

- **Gas and oil condensing boilers**
  room-sealed appliances (type C), flue gas up to 120 °C
- **One appliance per flue**
  in Ø60/100, Ø80/125 or Ø110/160
- **Collective on the facade (CLV)**
  only in Ø110/160, calculated to EN 13384-2

The horizontal connection slopes 3° down towards the appliance. Use only lubricant on the seals, never grease or oil.