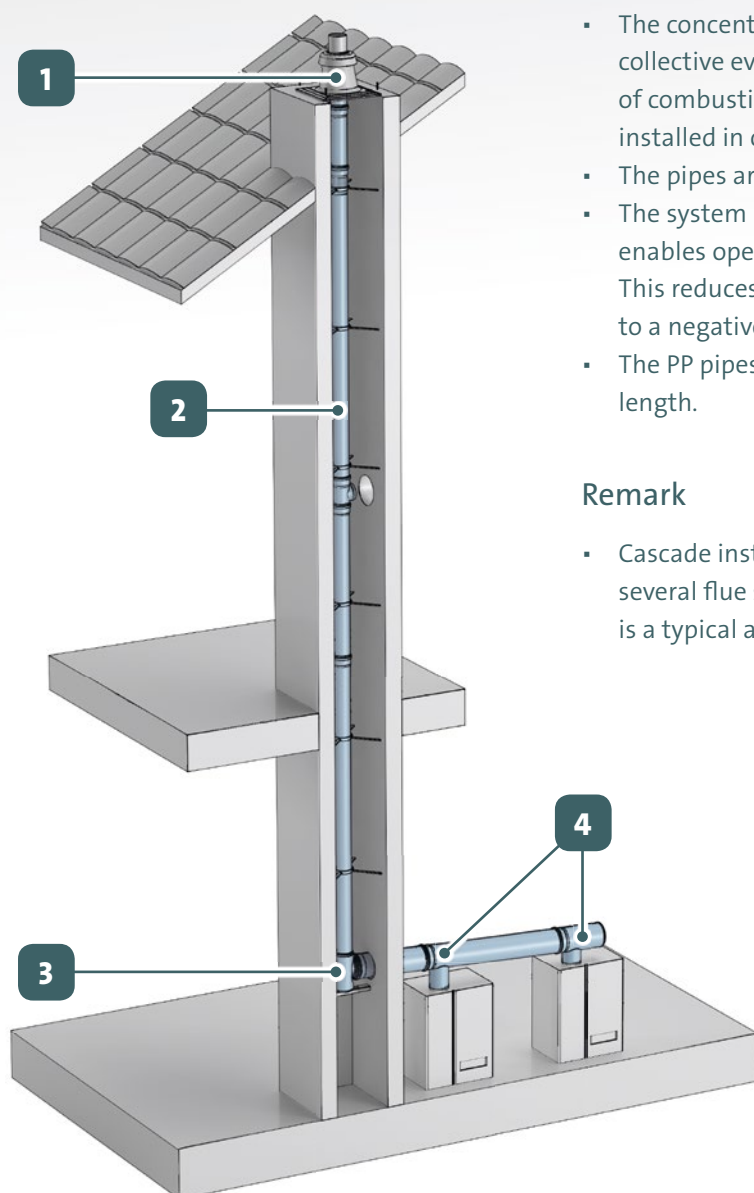


Flues and chimney systems

Complete systems overview

Exceptional installations in cascade | concentric

Description



- The concentric cascade system is meant for the collective evacuation of exhaust gases and supply of combustion air of several boilers which are installed in cascade.
- The pipes are made of PP.
- The system has a H1 tightness class which enables operation with positive pressure. This reduces the required diameters compared to a negative pressure system.
- The PP pipes can be easily cut to adjust the length.

Remark

- Cascade installations can be combined with several flue system variations. The system image is a typical application and is meant as example.

- 1** Terminal
→ page 48
- 2** In the chimney
→ page 48
- 3** System support
→ page 48
- 4** Cascade connection materials
→ page 49

Technical details

CE marking	EN14471 T120 H1
Temperature class	T120
Seals	EPDM for flue pipe connections
Pressure class of the system	H1 (5.000 Pa)
Available diameters [mm]	110/160
Installation types	C4

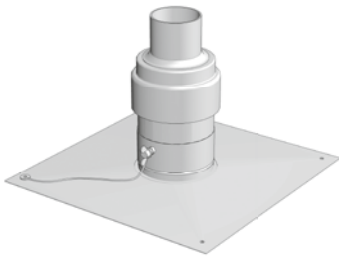
Features and benefits

- Optimal flexibility combined with maximum robustness
- Chimney calculations possible on request
- Lightweight; easy to handle and easy to shorten
- Plastic materials; less risk of injuries as result of sharp edges
- Non-return valves available



1

Terminal

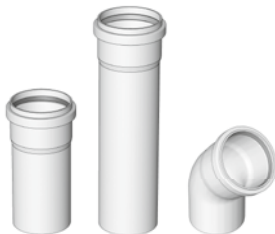


INOX terminal

- Complete chimney top
- Outer part in INOX
- Flue pipe in UV-resistant PP or INOX
- For 125, 160, 200, 250 and 315
- Wind angle class A45

2

In the chimney



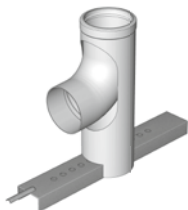
Extension materials

Flue pipes with lengths of 250, 500, 2000 and 2000 mm

- 15°, 30°, 45° and 87° bends
- In translucent PP
- Some parts available in black or white
- 315 variant in PPs, in grey

3

System support



Support parts

- Small diameters; a metal support rail with PP bend
- Large diameters; support pipe that stands on the floor and features two gaps for a metal rail support

4

Cascade connection materials



Inspection parts

- T-pieces
- Several bends with inspection caps



Adaptors

- For the right boiler connection
- Available for any configuration



Cascade collector

- For connecting boilers in cascade installation
- Easy to cut to length for multiple usage
- Easily connect multiple connectors up the required number of boiler connections



Cascade end-piece

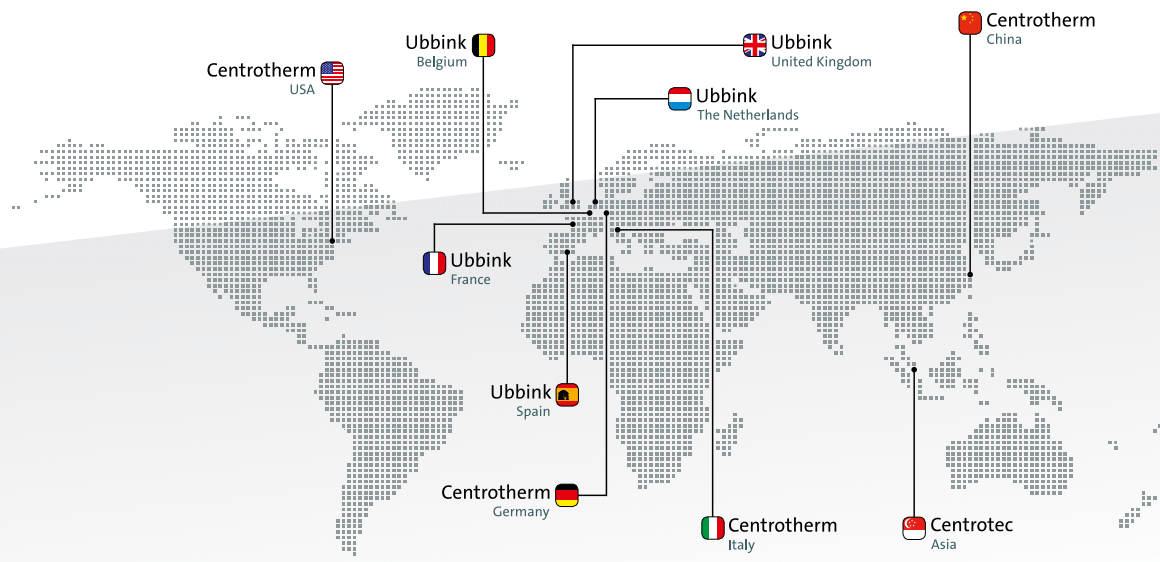
- With inspection end-part



Mounting brackets

- For a firm façade installation

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