



Centrotherm

CLV systems

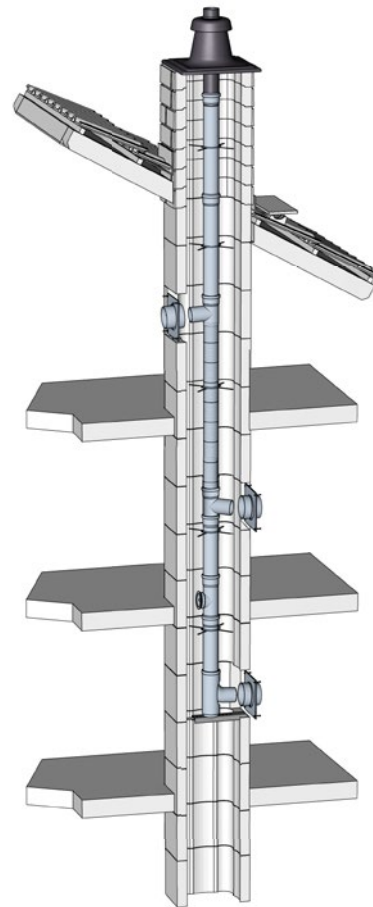
single-wall

Description

- × The single wall CLV system is a collective chimney system especially for apartment and residential buildings. It evacuates the individual flue through one common duct. The combustion air comes either from the chimney or from a separate air intake terminal. The flue pipe is made from 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.
- × T-pieces with 1 boiler connection are available. Each T-piece contains a compensator to absorb the elongation and shrinking of the PP flue pipes as result of temperature variations.
- × A special ring in the T-piece ensures that condensate water flows back to each individual boiler. This limits drying-out of boiler siphons which are out of operation.

Features and benefits

- × For multiple boiler installation
- × For positive-pressure and negative-pressure installations
- × Maximum number of boilers depending on national regulations
- × Number of boilers per floor depending on installation of the various T-pieces
- × Room sealed (type C) operation
- × Reduced diameter of the flue
- × Special ring in T-piece limits drying-out of boiler siphons
- × PP pipes can be easily cut to adjust the length to the height of the room



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, 125, 160, 200