

ADELINOX



ADL COAX-CLVp-3CEp

Balanced
Flue Systems

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Combustion results of ADL-COAX/CLVp, 3CEp system, C42, C43, C82 or C (10) 2, C (10) 3, C (12)2, C (12) 3 type hermetic combi boilers connected to a single concentric collective flue system. These are the systems in which the waste gas formed is thrown into the atmosphere from the inner wall and at the same time, they provide fresh combustion air to the devices from the space between the inner wall and the outer wall.

The system works under positive pressure.

According to EN 13384-2, the Air Waste Gas System offers the opportunity to connect a total of 20 hermetic devices, with a maximum of 2 devices on each floor, to a single chimney.



Features

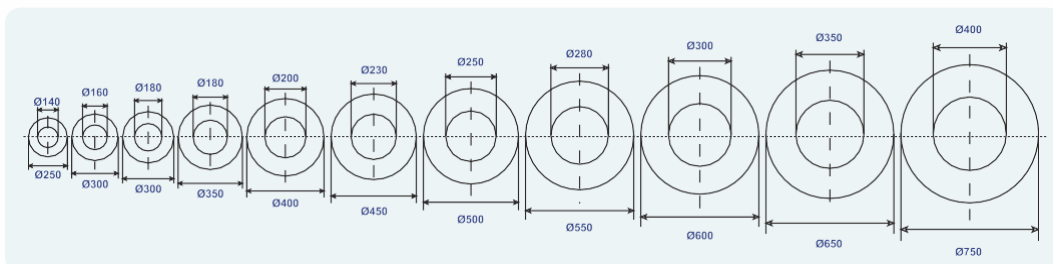
- Coaxial COAXY - CLVp 3CEp system consists of modular elements with a minimum 0.4 mm thick BA surface coating in austenitic stainless steel AISI 316 LBA (1.4404), according to the standards set by the European CE mark, EN 1856-1.
- CLV System coaxial modular parts of chimney systems comply with EN 1856-1 and EN 1856-2 norms, have CE marking and can be mounted with or without gaskets.
- The inner wall is made of AISI 316L stainless steel with a minimum thickness of 0.4mm and the outer wall is made of bright BA coated AISI 304 or 430 stainless steel with a minimum thickness of 0.5mm.
- Modular elements have classical caliber male-female connection and mechanical connection with locking clamp, triple seal lip seal conforming to EN 14241-1 European standard.

Installation must be carried out in accordance with the manufacturer's instructions. Installation of exhaust (waste gas discharge) systems of combustion products must be done with the utmost care required by the laws stipulated by the applicable legislative rules.

TABLE OF THE NUMBER OF DEVICES THAT CAN BE CONNECTED TO THE SYSTEM ACCORDING TO THE CAPACITY RANGE PROVIDED IN THE TECHNICAL REPORT

SYSTEM NAME				
C L V	INNER WALL Ø			
	OUTER WALL Ø			
	20-25 KW			
	30 KW			
	35 KW			

★ "THE DATA GIVEN IN THE TABLE IS FORECAST. THE FINAL SYSTEM CALCULATION MUST BE MADE ACCORDING TO TS EN 13384-2." ★



ADVANTAGES

ADDING VALUE TO YOUR BUILDING

With this system, combi boilers provide the opportunity to be installed in less-used parts of the flat such as storage rooms and laundry rooms, instead of multi-valued areas such as kitchens or balconies that border the outer wall of the building.

ECONOMY

It not only adds additional value to the apartments with kitchens and balconies, which have a wider usage area, but also provides fuel savings with the heated combustion air.

INNOVATION

Thanks to the special TEE modular with 90° and 180° angles, a total of 20 devices can be connected to the system, with a maximum of 4 devices on each floor.

WIDE RANGE OF USES

Thanks to the connection of up to 20 devices, it can be used easily in multi-storey buildings. Thanks to the AISI 316L stainless interior and V2 corrosion resistance, condensing and high performance devices can be connected to the chimney system.

AESTHETIC

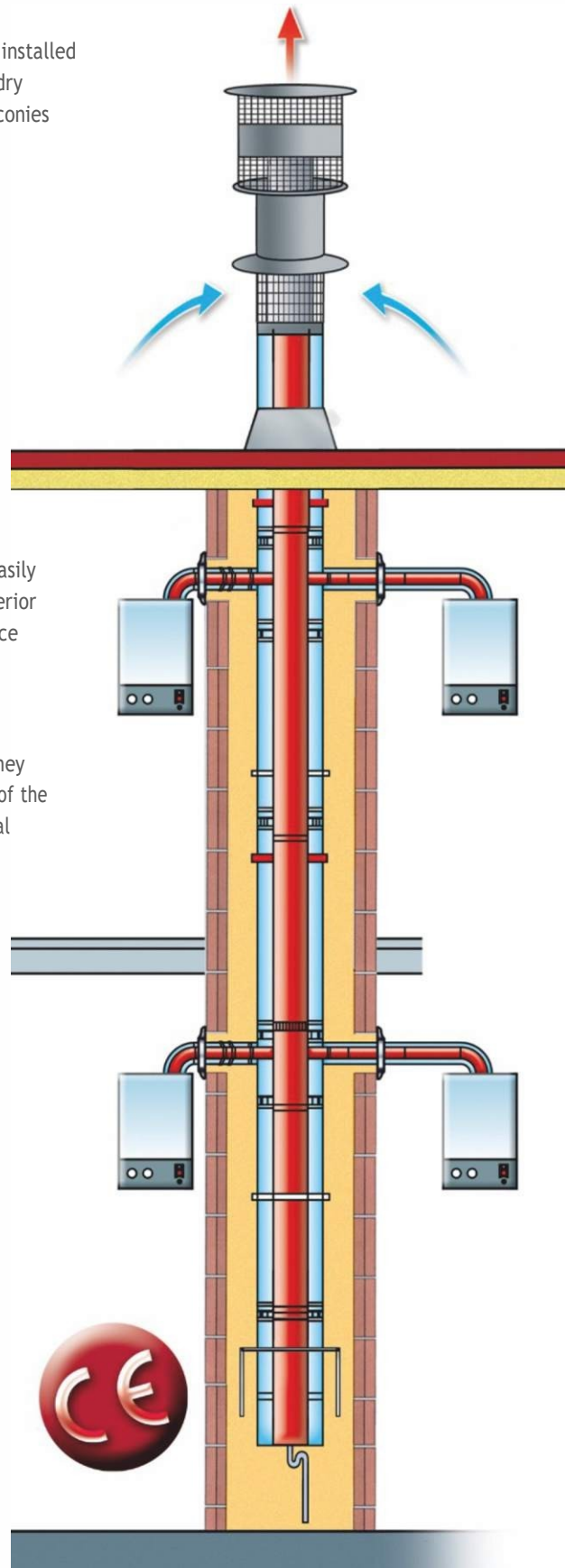
Architectural aesthetics is preserved thanks to a single chimney terminal on the roof, which opens to the atmosphere, instead of the horizontal outlets that drip condensate water that creates visual pollution on the exterior of the building and freezes in winter.

ENERGY EFFICIENCY

The loss of thermal performance caused by the reverse wind pressure on the upper floors of high-rise buildings and the freezing of the outlets in cold winter conditions is eliminated thanks to a single central chimney system on the roof that opens to the atmosphere.

ENVIRONMENT AND HUMAN HEALTH

Carbon monoxide (CO), a toxic gas that is harmful to human health and the environment, coming out of horizontal terminals, enters living spaces through open windows and balconies, especially in summer, and puts human life in danger. Thanks to the discharge of the waste gas resulting from combustion from the roof, which is the closest point to the atmosphere, human and environmental health is guaranteed.



BALANCE FLUE SYSTEMS FOR CLVp-3CEP CONDENSING BOILERS

Before starting the chimney assembly, carefully read the instructions below.

- Please ensure that the product description shown on the flue module and on the packaging is suitable for the flue assembly to be made.
- Chimney sytem assembly is carried out by the personnel who have MYK Bacacı Seviye 3 certificate and the installation is controlled by the personnel who have MYK Bacacı Seviye 4 certificate.
- The distance of the system to flammable materials (eg beams, wooden roofs or similar flammable materials) is considered during the planning and installation phase.
- Before starting the assembly, make sure to size the chimney system and check whether the system you use is suitable for the application to be made.
- Before proceeding with any operation, disconnect the power supply.

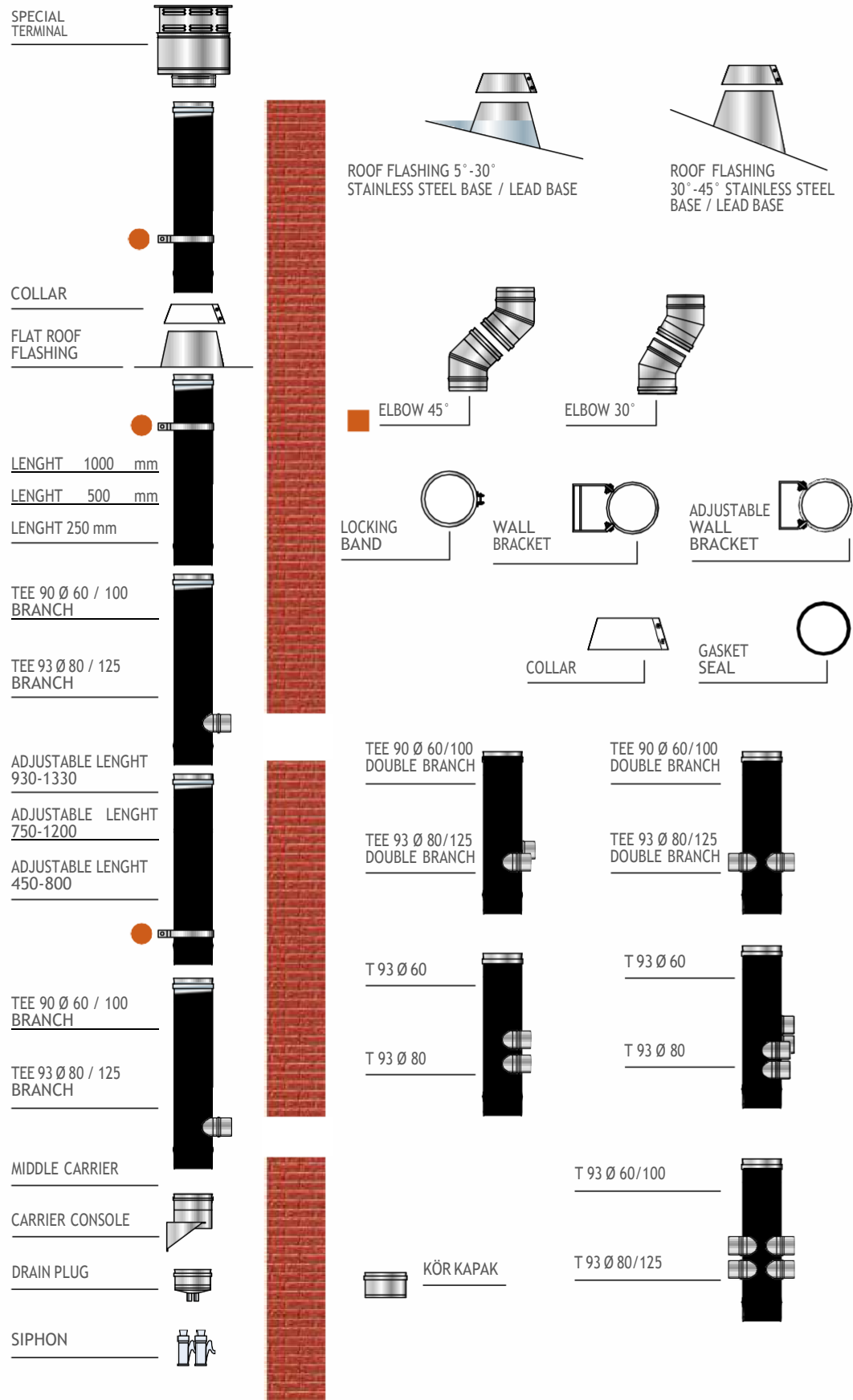
Below are the basic instructions for a correct assembly.

- Make sure the products are intact and completely clean; It is forbidden to use components with damaged joints (for example, crushed and/or ovalized) components.
- Install the chimney components in the direction of the arrow on the chimney component label or with the female bell of inner wall facing upwards to prevent condensate from leaking out.
- Make sure that the silicone gasket (if necessary, according to the pressure class) is fully seated in its seat and mounted with the tabs facing down.
- Pass the chimney components in such a way that the male and female sockets fit each other perfectly. At this stage, care should be taken not to damage the gasket (if any) and it is recommended to lubricate the male end of the chimney with spray or soap before attaching it to the female.
- Always use locking clamps to ensure stability and integrity of the entire system.
- In case of operation under positive pressure, place a condensation drain plug and, if necessary, an intermediate plate with a siphon on the bottom of the chimney.
- Assemble the necessary components to reach the connection of the smoke duct to the chimney .
- Install the Tee fitting to connect the smoke duct to the chimney.
- Position the lenght modules until the desired exit height is achieved.
- When the output height is reached, the output terminal, which is selected according to the application and the size made, is installed, taking into account the minimum heights stipulated by the regulations in force and the maximum console height specified under the Wind resistance heading in the DOP. n.
- Fix the terminal to the chimney with a locking band.
- If necessary, use a roof flashing according to the roof angle.
- Have the necessary checks and leak tests done and issue the system declaration of conformity.
- Terminali bir birleřtirme kelepçesi ile bacaya sabitleyin.
- Attach the flue plate provided by ADELINOX near the flue and in a clearly visible place.

ADELINOX cannot be held responsible for damage to people, animals or property caused by incorrect installation.

FIGURE 1

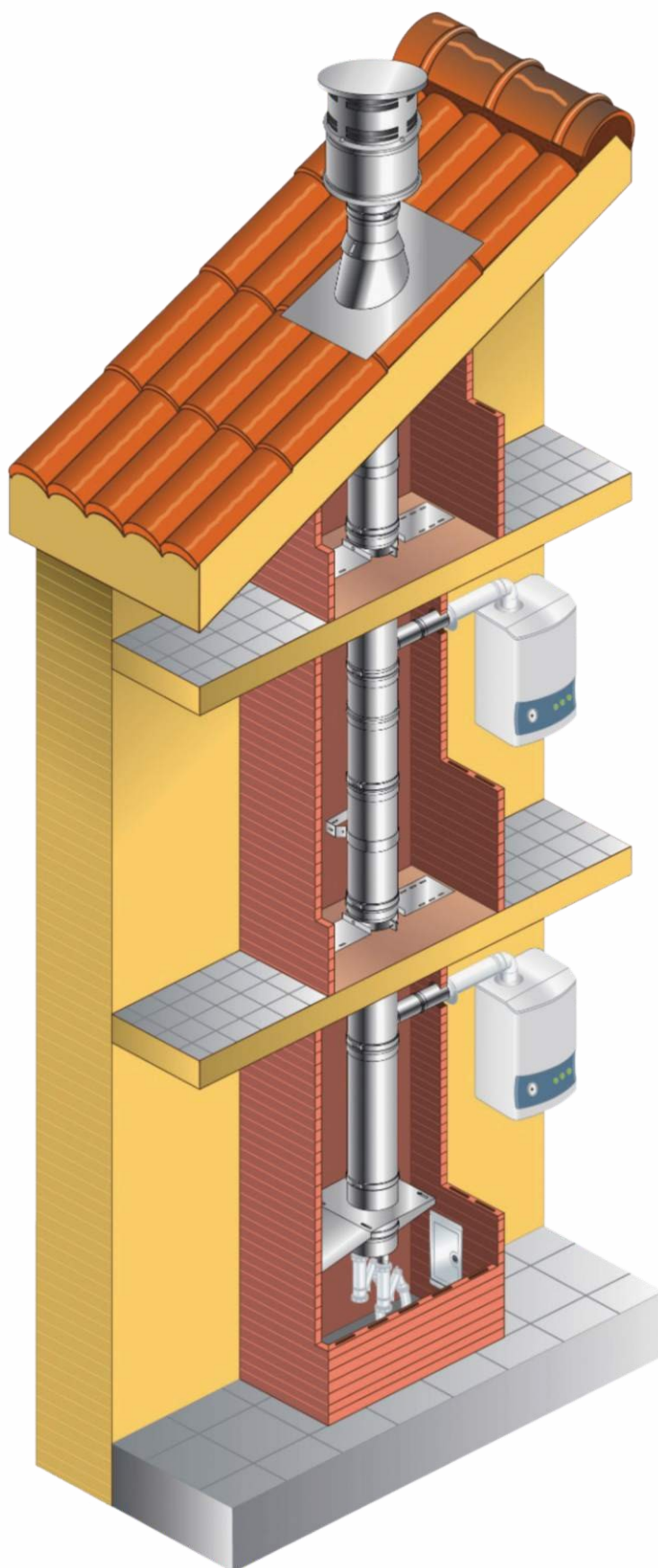
CLVp-3CEp chimney assembly diagram



● MINIMUM ONE WALL BRACKET EVERY THIRD METER

■ AXLE SHIFTING IS POSSIBLE ONLY ONCE IN THE VERTICAL CHIMNEY WITH A MAXIMUM INCLINATION NOT EXCEEDING 45°.

GENERAL VIEW OF THE CLVp - 3CEp CHIMNEY APPLICATION



PDDD Sistem 2+

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CE
0476



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MANUFACTURER

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