



CentroPelet ZVB 16-32kW

Compact hot water boilers **CentroPelet ZVB** are **wood pellet** firing boilers. They are designed for hot water heating of the smallest up to medium sized facilities. They are made out of steel with modern design and high efficiency.

The boiler has a built-in burner for combustion of wood pellets with the auto ignition and digital boiler regulation control which operates flue vent corresponding to flue and boiler water temperatures. They are supplied with a built-in circulation pump, safety valve, vent valve, pressure switch and expansion vessel. The pellet tank is an integral part of the boiler.

PRODUCT CHARACTERISTICS



SUITABLE FOR THE ENVIRONMENT

Low emission of harmful compounds in the flue gases.



EFFICIENT

High boiler efficiency and low maintenance requirements.



PELLETS SUPPLY

The pellets are individually supplied over sling transporter and burned by electric heater.



EQUIPPED

Factory-fitted circulation pump, safety valve, pressure switch, expansion vessel and automatic vent.



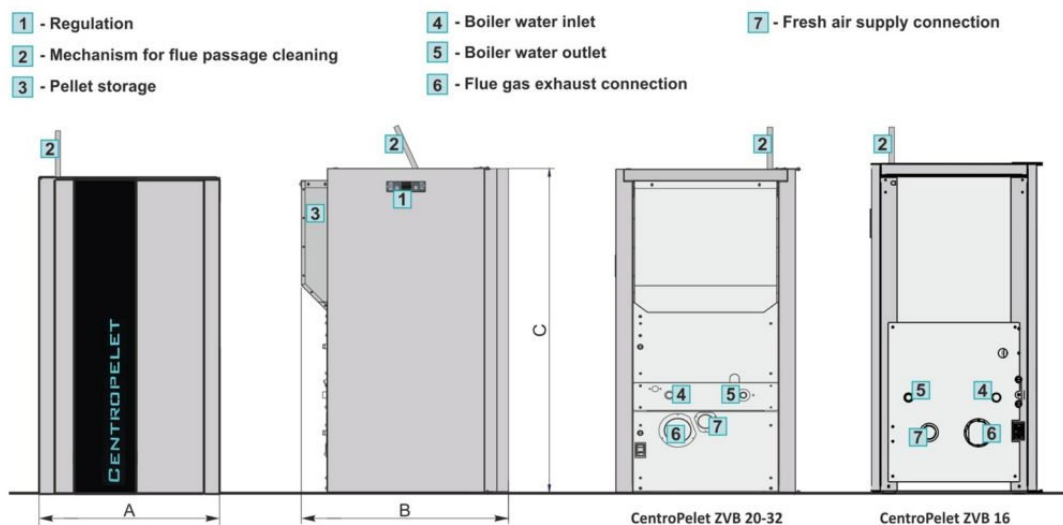
- Hot water boiler for central heating systems **CentroPelet ZVB** with the built-in pellet burner. output **14-29 kW**.
- Hot water boiler CentroPelet is supplied with wood pellets using a screw conveyor, and the pellets are fired by an electric heater. The stove can be turned on/off automatically.
- High efficiency boiler.
- Low emissions of harmful compounds in flue gases.
- The possibility of adjusting the switching time.
- The compact design allows accommodation of the boiler in small boiler rooms
- Built-in circulation pump, safety valve, pressure switch, expansion vessel and automatic vent valve.
- Built-in pellet tank.

ADDITIONAL EQUIPMENT:

- Refilling pellets from the larger tank **CPSP-ZVB** by screw conveyor.



BASIC DIMENSIONS:



CentroPelet ZVB		ZVB 16	ZVB 20	ZVB 24	ZVB 32
Heat power (min-max)	kW	4.29-14.4	5.21-17.51	5.21-21.51	6.34-29.14
Max pellet consumption	kg/h	1.02-3.37	1.2-3.88	1.2-4.85	1.43-6.48
Effectiveness	%	87.87-89.11	88.82-92.13	88.82-90.39	90.65-91.64
*Diameter of exhaust gas outlet	Ø(mm)	80	80	80	100
Amount of pellets in a bunker	kg	30	65	65	85
The amount of water in the boiler	litri	31	50	50	60
Continuous operation with max.load	h	29.5-9.0	54-16.5	54-13.5	59-13
Electricity consumption	w	140-350	100-300	100-300	100-400
Dimensions**(P*D*A)	mm	562*700*1081	610*785*1240	610*785*1240	670*870*1360
Dimensions for boilerroom plannin	m²	2,26	2,40	2,40	2,54
Weight	kg	180	250	250	305

DELIVERY AND OBLIGATORY ADDITIONAL EQUIPMENT:



*The internal diameter and height of the chimney must be strictly in line with the boiler's nominal capacity. It must comply with all national regulatory documents and manufacturer's recommendations

** (Width * Depth * Height)