

ETA ePE-K pellet boiler with integrable precipitator

The big one with top performance

Fully automatic, space-saving, extremely economical operation and especially environmentally-friendly:

The ePE-K from ETA already meets the demands and requirements of tomorrow.

The ETA ePE-K pellet boiler delivers between 100 and 240 kW of heat output. This makes it particularly suitable for apartment buildings, companies and local heating networks.

Technology for efficiency and comfort

Various sophisticated, patented systems ensure reliable and economic operation: a lambda probe detects the condition of the combustion material. This means that the fuel feed and the air supply can be automatically adapted to the pellet quality.

Important for pellets: flue gas recirculation

Pellets cause clinker on the grate? – Not with an ETA pellet boiler! Here, the flue gases from combustion are lead back into the combustion chamber from the boiler outlet. This increases the flow of gas and the grate is cooled better. As the heat from the fire is distributed to a larger quantity of gas, the boiler reaches a narrower and more stable temperature range. The temperatures are safely above 800 °C for complete, clean combustion, and certainly below 1,000°C, i.e. well below the melting point of the wood ash. The result: no clinker.

Space-saving: integrated precipitator

The precipitator can be integrated into the ETA ePE-K for the first time. This is possible due to the completely new ETA de-ashing system, in which the entire boiler, i.e. the **combustion chamber**, the heat exchanger and the precipitator are fully automatically cleaned with only one drive. The extra large ash box only has to be emptied very occasionally.

Store pellets where there's space

Storage of the pellets is independent of the location of the boiler, as the pellets are sucked in via flexible plastic hoses. In this way, even distances of up to 20 meters or height differences can be overcome without any problems. If there is no storage space in the house, an underground tank can be added next to it. Bag silos are also a very good solution. And to ensure that the pellet conveyor doesn't have to run continuously, there is a pellet intermediate hopper on the boiler. In ETA's boilers, every detail is dedicated to energy efficiency and comfort.

Heating control by touchscreen, mobile and PC

On the boiler itself there is a 7" touchscreen, via which all components of the heating system, such as buffer storage tank or solar panels, can be controlled intuitively. And the heating system can be controlled for free over the internet using the www.meinETA platform. The only requirement is an internet-capable LAN socket in the boiler room.