

So that heat does not dissipate uselessly...

A stratified buffer from ETA is the optimum extension for any heating boiler. Heat which is not currently needed can be stored temporarily here. Also heat from the sun, for example!

Often, it only takes a bit of heating to keep the rooms at the desired temperature. In autumn, for instance, when the room temperature drops only slightly below the comfort level. Or in the case of a single room controller, when south-facing rooms are sufficiently heated by the sun and a north-facing room needs a little warmth. Frequent switching on and off damages the boiler and generates unnecessary energy, which then dissipates through the chimney.

Excess heat for later removal

The ETA stratified buffer acts as an intermediate buffer for this excess heat. It directs it to the radiator or the underfloor heating only when it is needed again. Fewer boiler starts are the result. - The heating system works more energy efficiently and also lasts longer.

More efficiency layer by layer

The stratified buffer is a water tank for heating water with several inlets and outlets. Temperature layers are formed in the tank because hot water automatically rises to the top and cold water sinks to the bottom. Each mixing of these layers brings energy losses with it. This is why ETA provides intelligent control for the stratified buffer: it feeds the water, for example from the heating return, to the right location based on the temperature and removes it hotter from higher up or cooler from lower down as needed.

Optionally with solar heat exchanger

An existing solar heating system can also be connected to the stratified buffer. So unused yield from the collectors is not lost but instead stored for later. And as heat from the heating boiler and from the collectors ends up together in the stratified buffer, the sun automatically supports the heating in winter. That lowers the fuel costs even further!