



Domestic hot water module: Friwa

The compact and completely premounted station for domestic hot water preparation using the principle of a flow-type water heater. The water is heated up only at the moment when it is needed - a quick, safe and clean solution. Hot and hygienically clean water is always available at any time without that a domestic hot water storage tank is needed. The energy necessary for heating the domestic hot water comes from a buffer tank which can be heated via various systems.

The Friwa module comprises a generously dimensioned heat exchanger and can thus be optimally used even when the primary temperatures are low. Therefore the Friwa can be combined with buffer tanks obtaining their main energy from solar thermal systems or heat pumps, which can often provide only a low temperature level. Due to the fast controller characteristics, the Friwa can also obtain energy from buffer tanks with high energy levels supplied by water-bearing fireplaces, solid fuel boilers or conventional oil or gas boilers.

Features of the new Friwa:

- integrated circulation line
- high withdrawal capacity (up to 40 l/min)
- possibility to control a switch valve for temperature-dependant stratification of the storage tank
- adjustable temperature limit for domestic hot water
- time and temperature-controlled thermal disinfection
- recording of all the relevant operating parameters (run-times, temperature profile, etc.)
- heat quantity measurement
- VBus interface for remote enquiry and remote parameterization