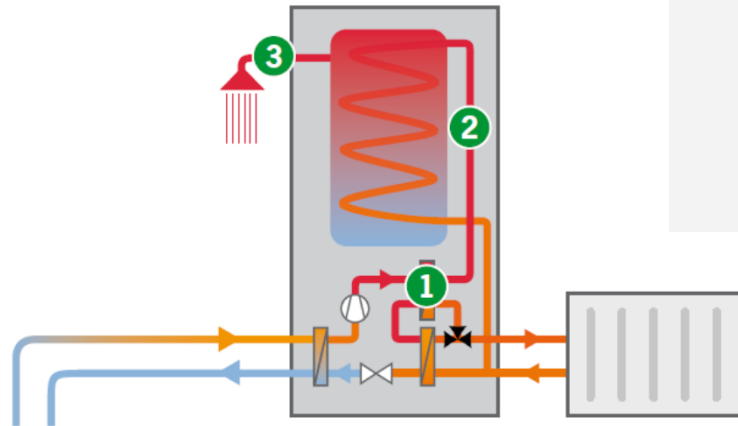




HGW technique improves the seasonal performance and the comfort by simultaneous production of heating and hot water

HGW technology



- 1 A small proportion of the heated water that is routed out into the house's heating system, passes the extra de-superheater.
- 2 It is then heated up further to between 50–90°C before going into the water heater.
- 3 The result is that, without additional cost, you get extra and even hotter water during the months of the year that the house is heated.

The patented **HGW (Hot Gas Water heater)** technology utilises heating production further, by producing hot water simultaneously.

The HGW technology is described in the illustration. The HGW technology produces extra hot water at higher temperatures during the months where the house is heated, at a significant higher efficiency than conventional hot water production with heat pumps.

The customer benefit is clear: larger volumes of hot water, higher temperatures of the hot water produced, and simultaneous production of heating and hot water ensure the best possible SPF.

### **HGW technology gives a Thermia heat pump:**

- ✓10% higher SPF compared to heat pumps without the HGW technology
- ✓Production of heating and hot water simultaneously ensures that no drops in production of heating when hot water production is needed