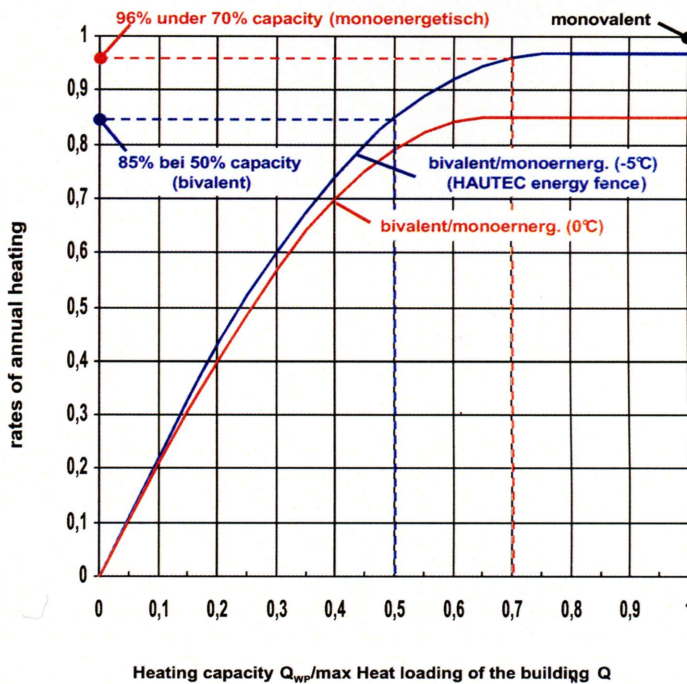
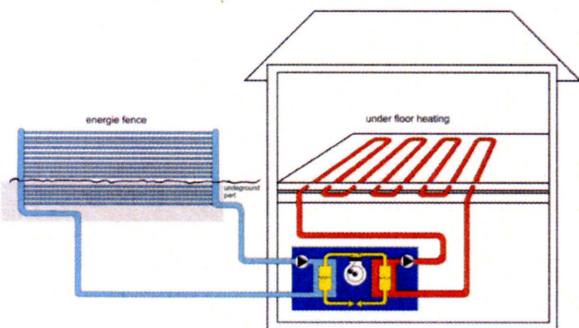


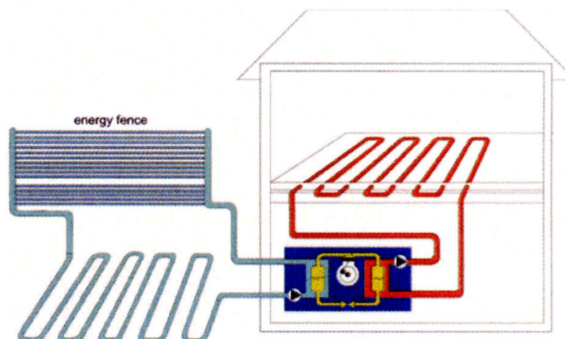
On mild and sunny days the brine in the energy fence grows warm relatively strong and gives simultaneously a portion of this thermal energy to the ground collector. With this action the soil is regenerated and additional heat reserves for nights and cold days is applied. On cold nights and days without sunshine the energy fence absorbs only a little portion of thermal energy, because the external temperature is close to the brine temperature or they have the same temperature. Plenty of sunshine (high pressure) the energy fence performs a considerable rate of the necessary energy of the heat pump and regenerate also the soil.



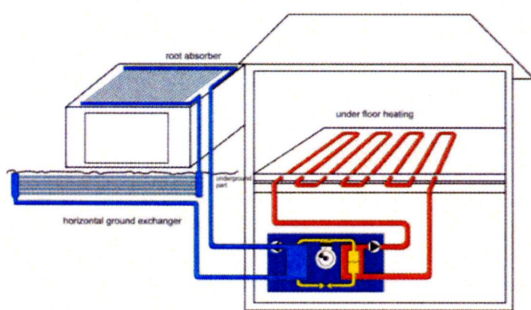
rates of annual heating with solar energy fence



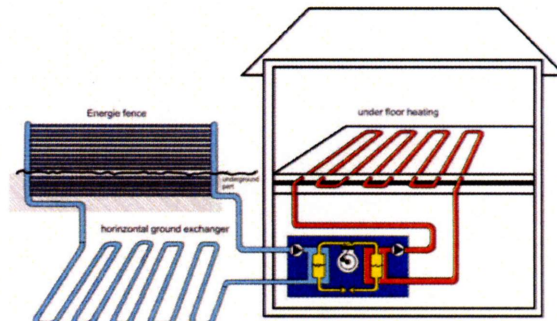
Schematic of a brine-water heatingpump with energie fence part



Schematic of a brine-water heatingpump with energie fence and ground exchanger



Schematic of a brine-water heatingpump with absorber and ground exchanger



Schematic of a brine-water heatingpump with energie fence and horizontal ground exchanger