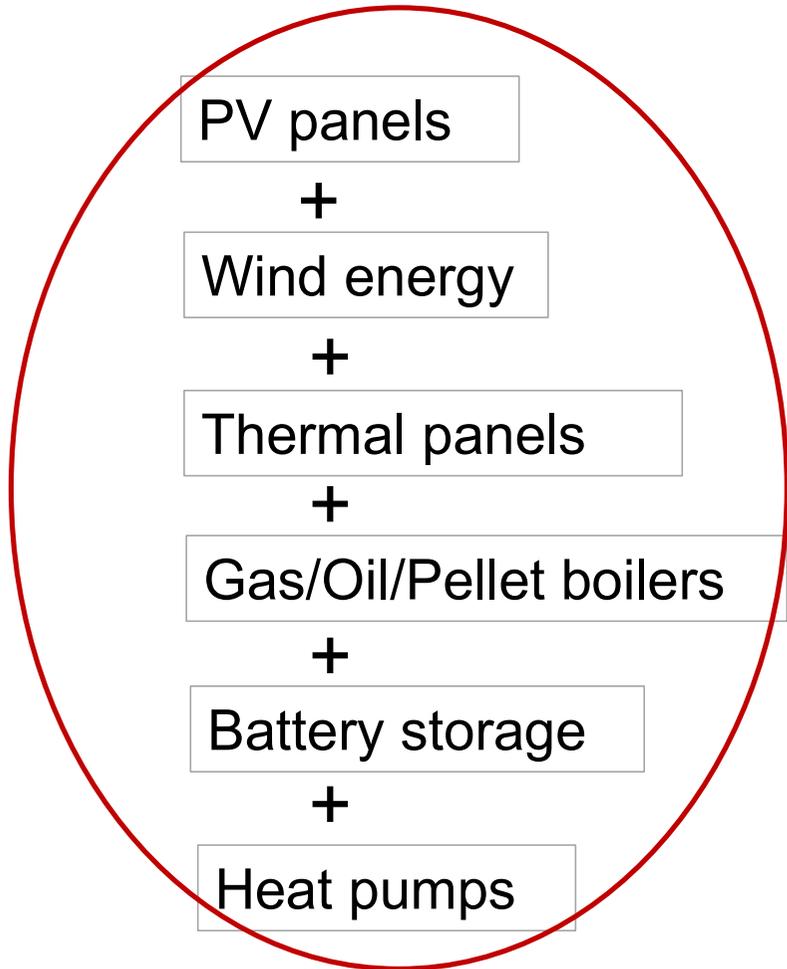


A Difference Between CN and DE Heat Pump System

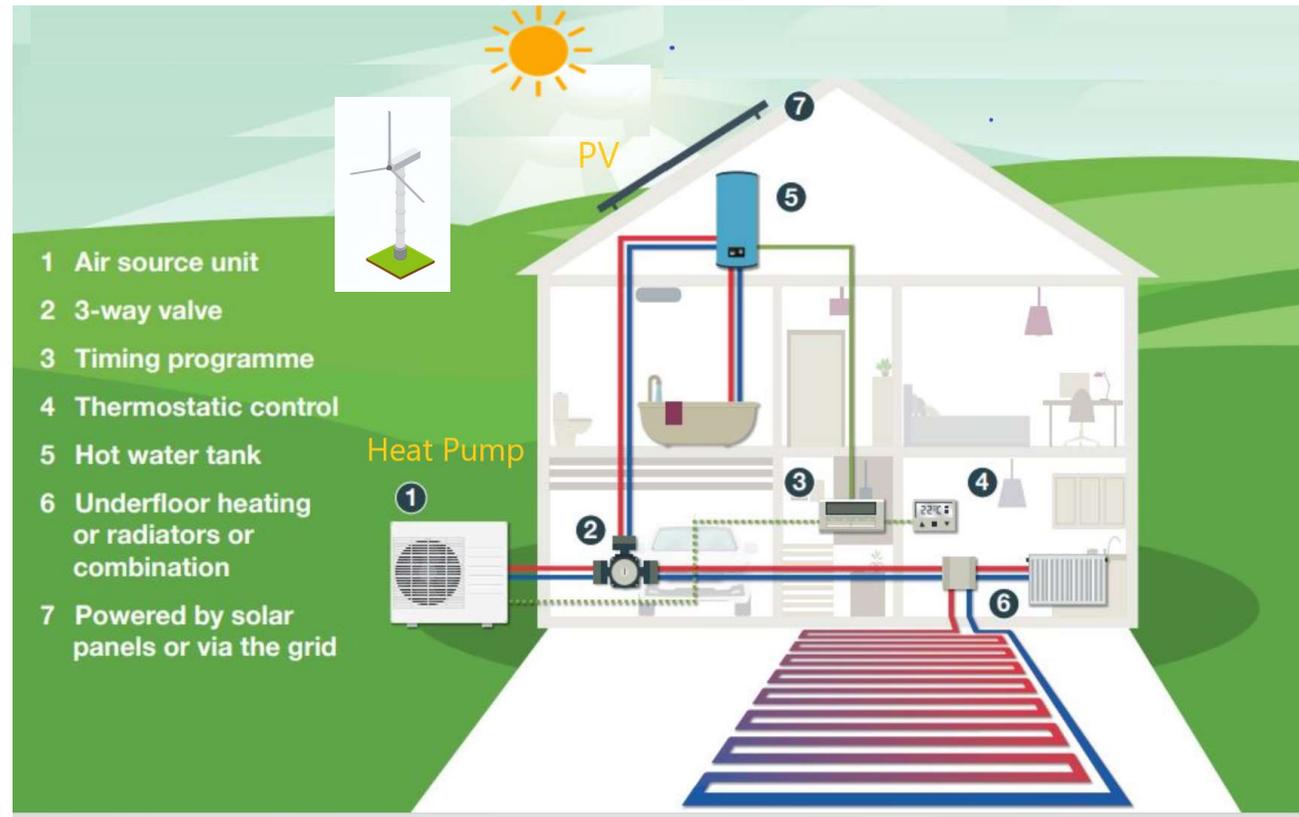
2023 China Heat Pump Annual Conference
and No. 12 International Heat Pump Summit Forum

Jul. 31 – Aug. 2, 2023

DE Technical Route: Focus more on supply side security



Hybrid system with guaranteed heating sources

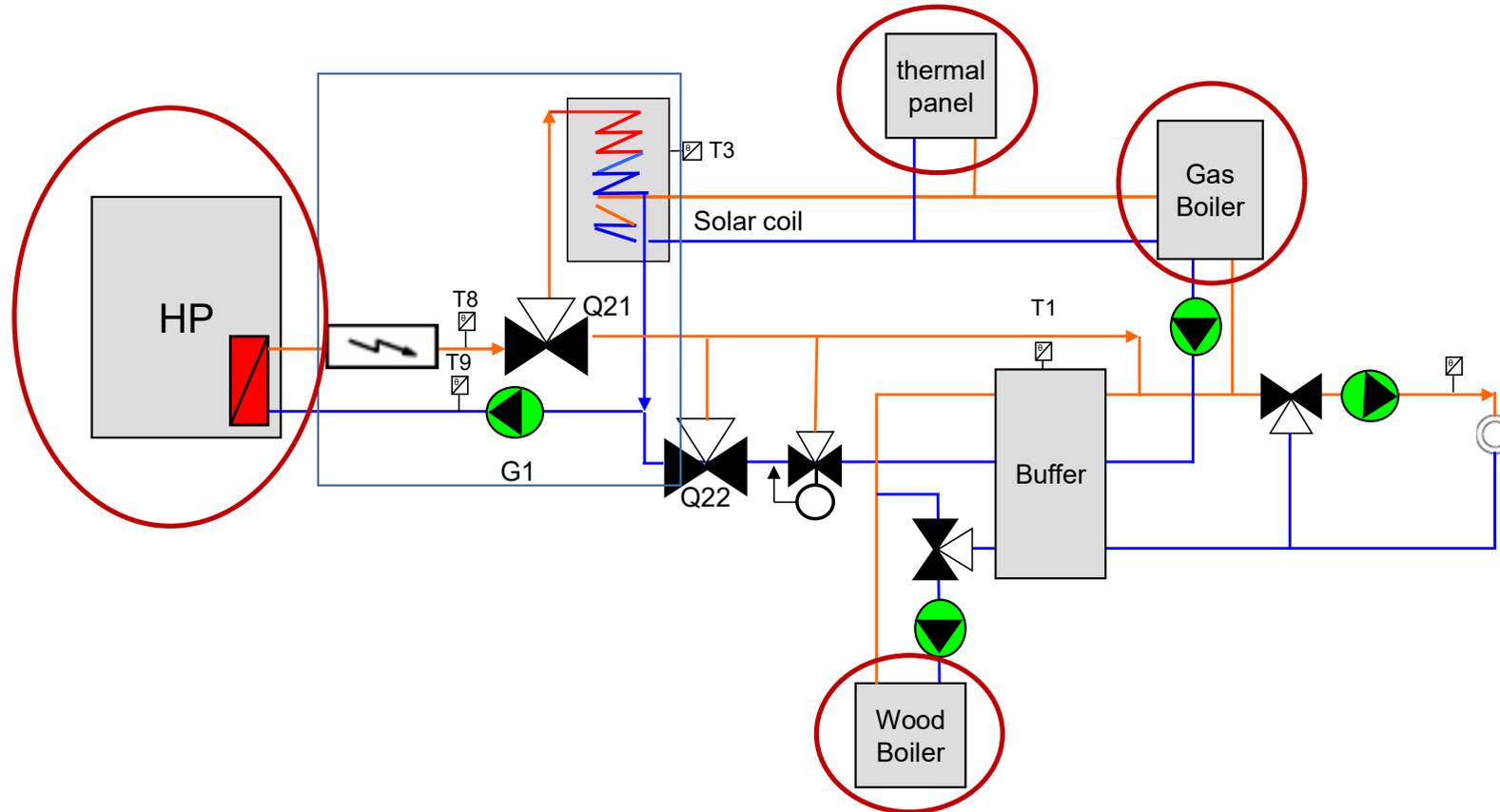


Due to the request of decarbonization, HP+PV should be the main stream for future application

thermoplus

DE Technical Route: Focus more on supply side security

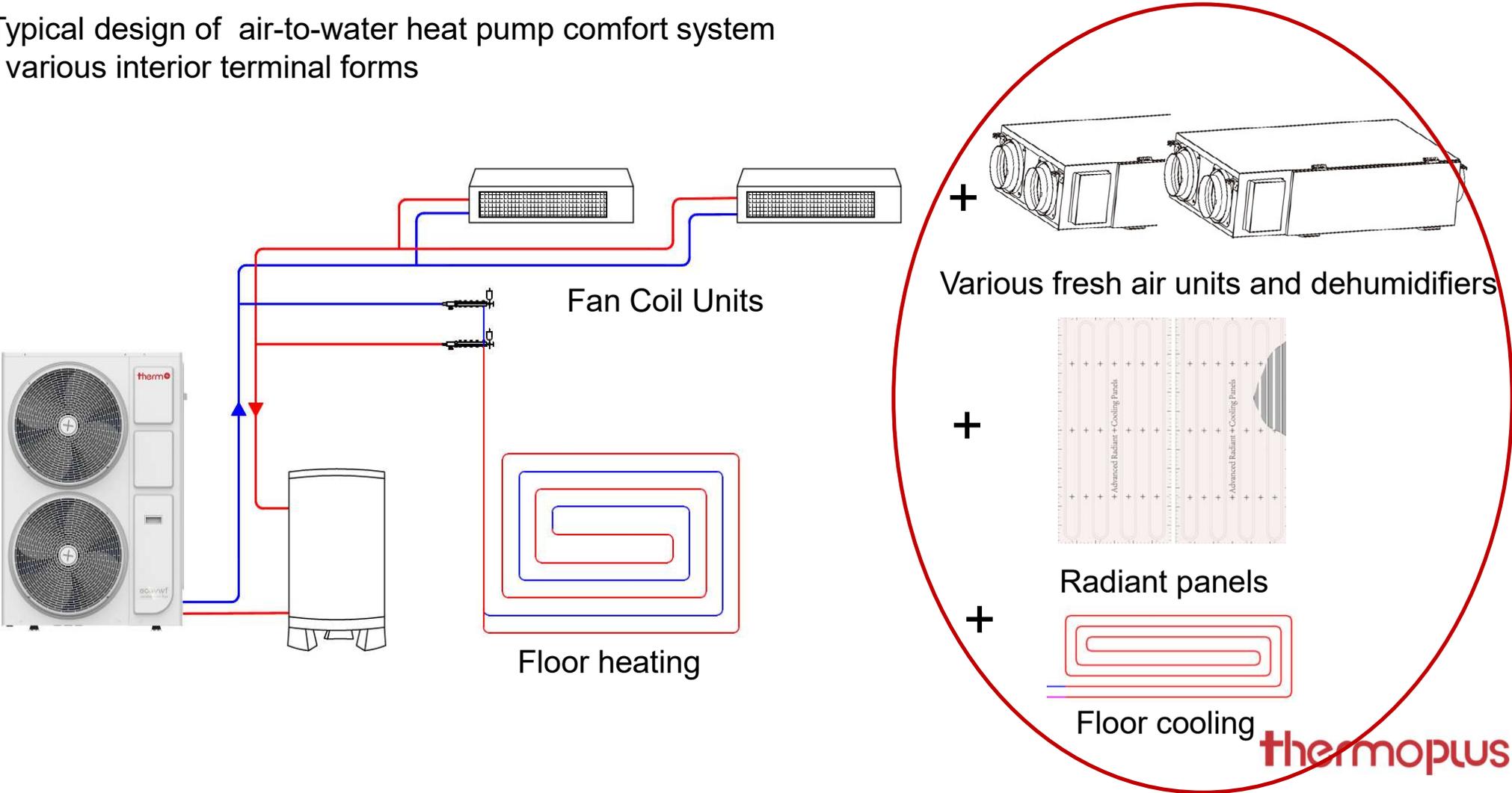
An example of a hybrid system with guaranteed heat supply sources:



Hydraulic Connection for heating/cooling and DHW charging with buffer tank including wood boiler/gas boiler/thermal solar support for heating and DHW

CN Technical Route: Focus more on load side comfortability

An Typical design of air-to-water heat pump comfort system with various interior terminal forms

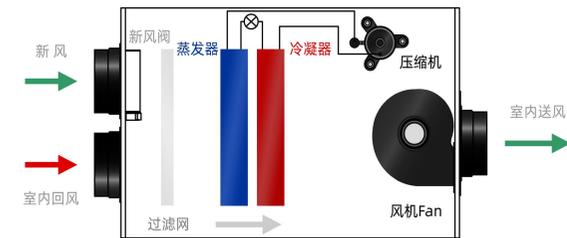
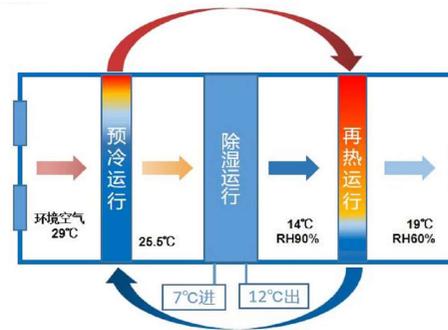
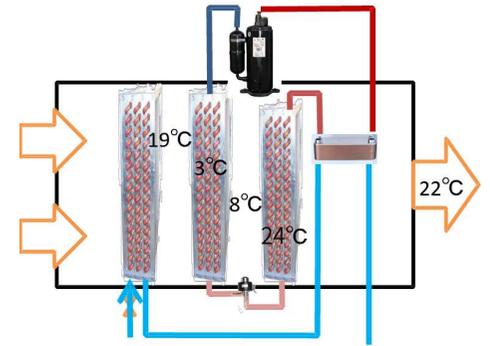
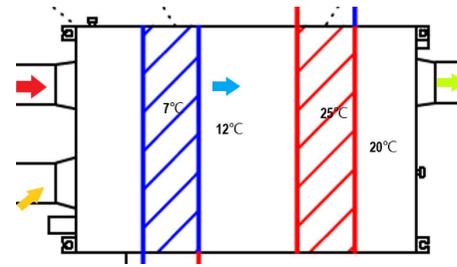
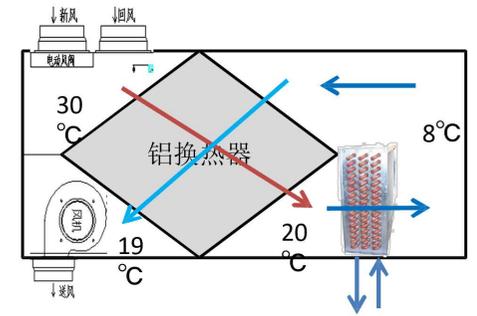
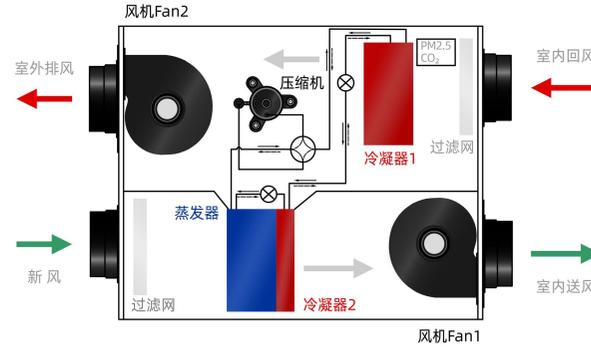
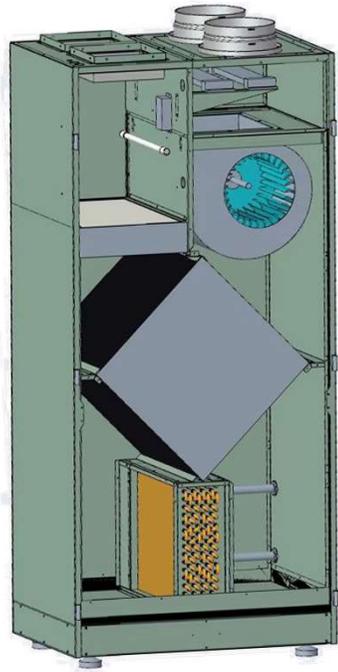


CN Technical Route: Focus more on load side comfortability

An reference of air-to-water heat pump comfort system with various interior terminal forms to reach 3C: constant temperature, humidity and oxygen level



Various Fresh Air Units and Dehumidifiers



Various types of Fresh air and Dehumidifier Unit

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Abundant Products Series for CN Manufacturers



TGWC-25
TGWC-35
TGWC-45

Ground Source Heat Pump
变频地源热泵



THDW-12(S)
THDW-16

Heating-DHW-2-in-1
变频采暖热水一体机



TAWC-06(S)
TAWC-08(S)
TAWC-12 (S)
TAWC-14 (S)

Residential Air Source Heat Pump
户式变频空气源热泵



TAWC-16
TAWC-18



TAWC-20
TAWC-25
TAWC-32



TAWC-32 (U)
TAWC-40 (U)

Commercial Air Source Heat Pump
商用变频风冷模块



TAWC-65(U)
TAWC-130(U)



Inverter Dehumidifier Unit
升温除湿机 thermo-α



Inverter Dehumidifier Unit
调温除湿机 thermo-β



Inverter Dehumidifier Unit
双冷源除湿机 thermo-dul



Self-driven Dehumidifier Unit
自驱动除湿机 thermo-tub



DC – FCU (Fan Coil Unit)
直流无刷风盘



Wire Controller & Thermostat
线控器和温控器



BMC Self-adaptive dc-pump
全塑封自适应变频泵