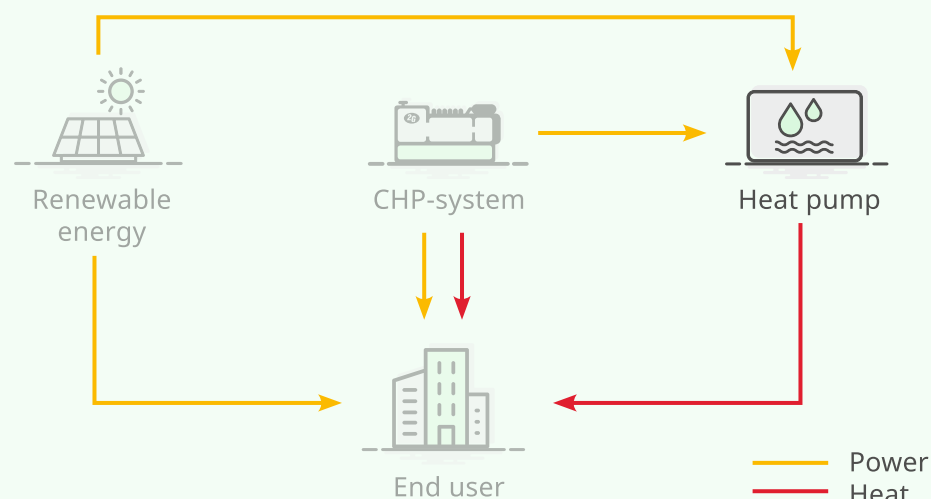


## Water-to-water heat pump

The heat pumps of the afilia series from 2G adapt fully automatically and very flexibly to the heat demand in the building or in the industrial process and deliver a constant temperature.

Even in single-stage versions, our water-to-water heat pumps can achieve temperature fluctuations of up to 85 K. Two-stage concepts are available for applications with higher temperature fluctuations – including project-specific solutions with flow temperatures from 95 °C to 120 °C.

All units are fully assembled, tested, and filled with refrigerant and oil at the factory. At the installation site, they only need to be positioned and connected to the hydraulic and power supply lines.



The current data can be found here:



## Our Portfolio

Highly efficient water-to-water heat pumps

R513A

R1234ze



**afilia water C-B-r**  
104 kW<sub>th</sub> to 380 kW<sub>th</sub>

R1234ze



**afilia water C-E-sc**  
150kW<sub>th</sub> to 1,006kW<sub>th</sub>

R717



**afilia water C-S-r**  
697kW<sub>th</sub>to 2,230kW<sub>th</sub>

R717



**afilia water C-G-r**  
1,510kW<sub>th</sub>to 3,192kW<sub>th</sub>

R600a



**afilia water customised**  
191kW<sub>th</sub>to 709kW<sub>th</sub>



### BAFA-eligible

afilia meets the minimum efficiency requirements and is SG-ready



### Containerized solutions

in different sizes and variations



### Integration of spot market optimization

Flexible operation and redispatch through partner



### Intelligent failure prediction

in combination with the 2G AI „I.R.I.S.“



### Convenient system management

Via my.2-g.ag (monthly reports, operating range monitoring)



### Comprehensive control

Ensured by master control (monitoring)



### Comprehensive control concepts

Including auxiliary drives (pumps, mixers, data collection for heat source/sink)

Please note that our heat pumps with SG Ready interfaces are compatible with control units and smart meter gateways, thus meeting the legal requirements of the Energy Industry Act (Section 14a of the Energy Industry Act) and the Metering Point Operation Act (MsbG).