

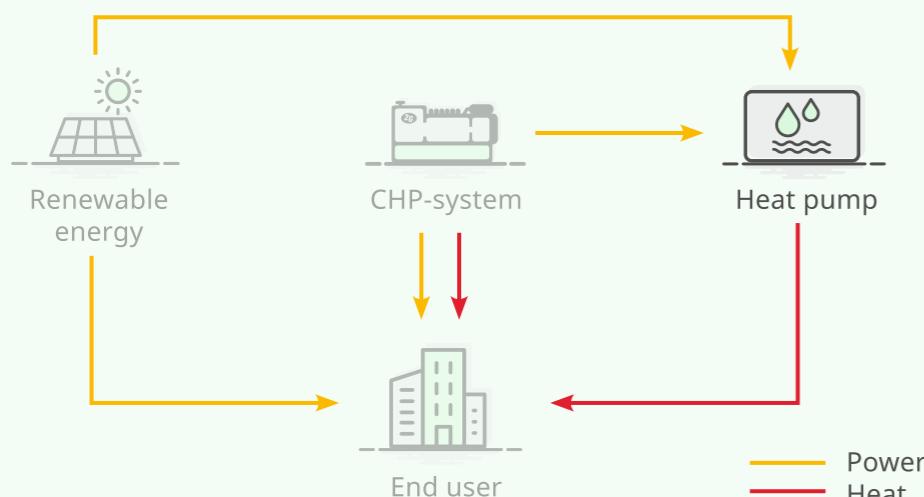
afilia water

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.



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).

Our Portfolio

Highly efficient water-to-water heat pumps

R513A

R1234ze



afilia water C-B-r
104 kW_{th} to 380 kW_{th}

R1234ze



afilia water C-E-sc
150kW_{th} to 1,006kW_{th}

R717



afilia water C-S-r
697kW_{th} to 2,230kW_{th}

R717



afilia water C-G-r
1,510kW_{th} to 3,192kW_{th}

R600a

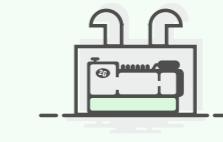


afilia water customised
191kW_{th} to 709kW_{th}



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)