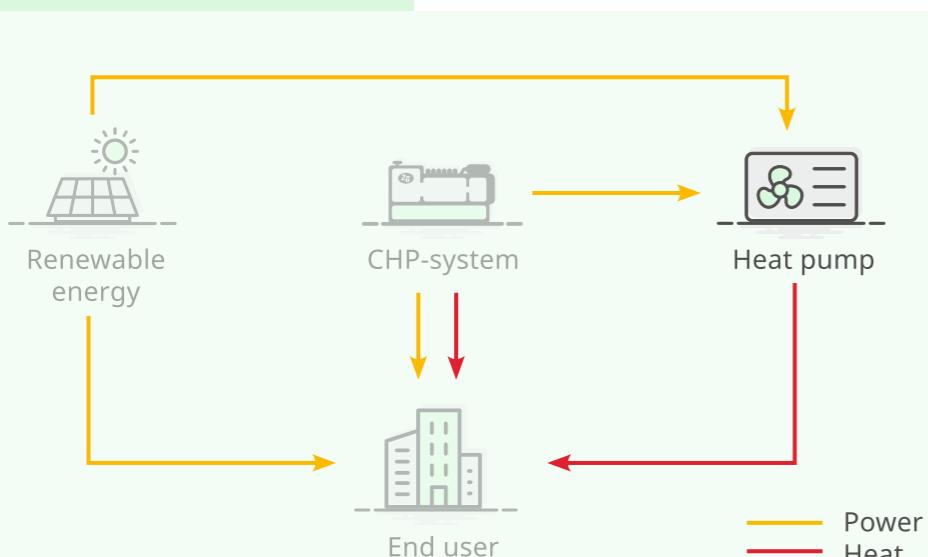


afilia air

air-to-water heat pump

The air-to-water heat pumps of the afilia air series are suitable for outdoor installation and are used for cooling and heating liquids in air conditioning applications or for ventilation units that operate in a particularly environmentally friendly manner due to the refrigerant used.

The units are designed for outdoor installation in accordance with the European standard EN 378 and its subsequent updates. Depending on the heat output, several versions are available, each with one or more compressors on one or two completely separate refrigerant circuits. Thanks to a wide range of accessories, the units can be customized to meet specific requirements. All units are fully factory-assembled, tested, and filled with refrigerant and oil. 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 air-to-water heat pumps

R290



afilia air M-sl-AEK
89kW_{th} to 888kW_{th}

R290



afilia air M-sl-AEW
88kW_{th} to 882kW_{th}
afilia air M-sl-PEK
87kW_{th} to 866kW_{th}

R454B



afilia air C-sl HE/XL/RV P4U
133kW_{th} to 416kW_{th}
afilia air C-sl HE/XL/RV P2U
132kW_{th} to 415kW_{th}

R290



afilia air C-r-ASK
123kW_{th} to 344kW_{th}



BAFA-eligible

afilia meets the minimum efficiency requirements and is SG-ready



Low Noise solutions

with various accessories



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)