

Chiller
AIR-CONDITIONING

Functional and innovative energy solutions

- customer-based product development
- easy to install and service
- can be integrated in all heating, heat recovery and cooling systems
- ecological energy solution

Chillquick Thermo™ heat pumps

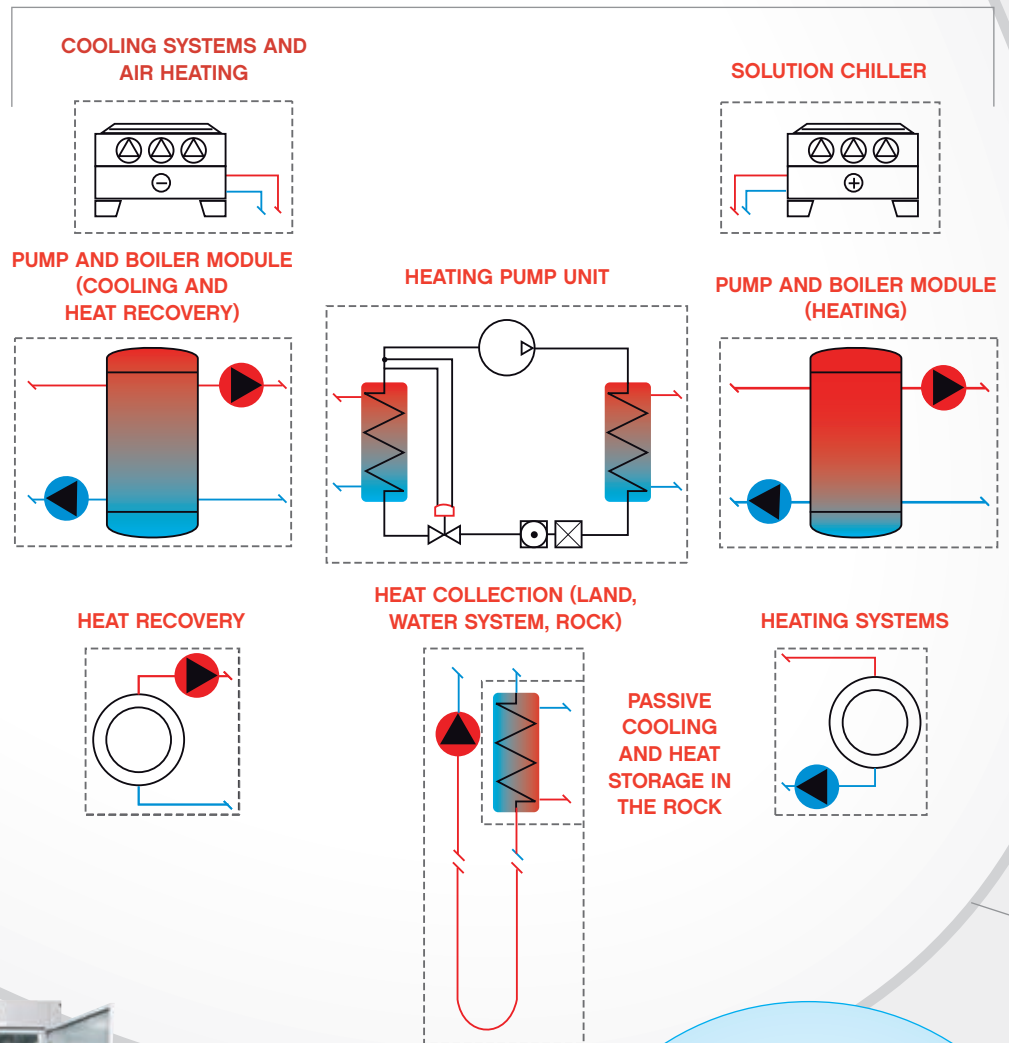
Chillquick Thermo™

Heat pumps

Chillquick Thermo™ heat pump range provides a solution for all your heating and cooling installations. The modular structure means that the heat pumps can be manufactured for the particular requirements of every customer. The system can contain several heat recovery, collection and cooling systems. If necessary, the heat can be utilized at several temperature levels. You can implement active or passive cooling and heat other sites at the same time.

Chillquick Thermo™ models cover all capacity ranges from 20 kW all the way to 500 kW. If you connect machine units together, you can reach a thermal capacity of up to 2 MW. Depending on the size category, one machine unit contains between one and four compressors. The advantages of having several compressors in a machine unit include good power adjustment and reliability of operation, even during malfunctions.

Modular heating pump



Electronic Expansion Valves

Each machine is equipped with an electronic expansion valve. The valve reacts quickly to load variations and thus guarantees optimal operating circumstances for the compressors and a long service life for the entire system. Thanks to the electronic expansion valves, operation of the heating pump machine unit can be controlled according to your requirements; whether your primary need is to heat the building, heat the household water or to cool the building.

The refrigerant has been developed for heat pumps and air-conditioning applications

R410A

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