



Reliable cooling systems for your data processing centre

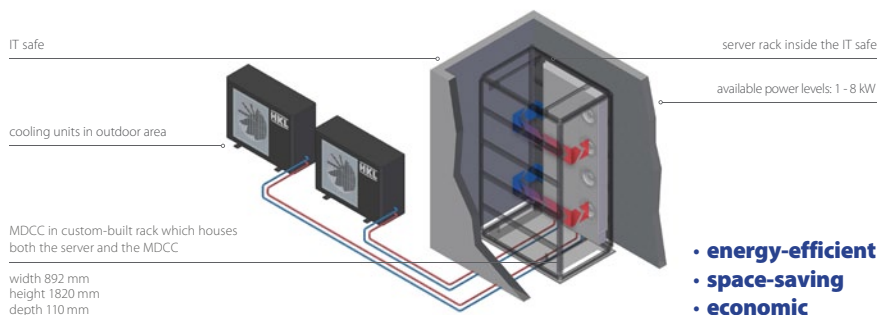
*Climate control unit (side cooler) MDCC, cooling agent R410A,
two redundant evaporators in one casing*

This cooling system was specifically designed to control air temperature and humidity in data processing centres. It combines a strong cooling performance with compact dimensions and the best possible reliability – the two self-contained evaporators manage to reduce system dysfunctions to a minimum.

Germany-based HKL Energieanlagen AG completely covers the manifold demands of IT climate controlling, industrial cooling and supermarket cooling, ranging from single system modules to complex integrated concepts. All components are perfectly harmonised and originate from one single source.



Climate control unit (side cooler) MDCC, cooling agent R410A) – Product information



Reliable and Powerful

The climate control unit MDCC, engineered by German cooling specialists HKL Energieanlagen AG, was specifically designed to control air temperature and humidity in data processing centres. It comes with a cooling power of 1 to 8 kilowatts, depending on the specific model. Although its performance is impressive, its dimensions are very small, which allows the system to be deployed in many different environments. Each model – apart from the lower-cost single units – contains two independent, redundant evaporators, making the system very reliable and allowing for virtually trouble-free operation over extended periods of time.

During the development of the outer parts of the climate control unit, reliability and compact dimensions were the most important factors as well. A width of 800 millimeters, height of 990 millimeters and depth of 390 millimeters allow the periphery to be integrated easily into most infrastructures. The casings each accommodate one condenser with regulated digital scroll compressor / inverter compressor.

As cooling agent, HKL Energieanlagen AG chose to employ the well-established R410A, delivering high-end volumetric cooling capacity and securing the effectiveness of the climate control unit. In combination with the sophisticated components of the cooling system, R410A facilitates a very energy-efficient operation.

We will be happy to give advice.

MDCC – trendsetting technology made by HKL Energieanlagen AG.

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