



Stulz introduces Air Handlers and Modular Data Center Cooling

Air handling units and containerized solutions complete the product range for data center air conditioning

Stulz is extending its product range to include precision air-conditioning systems in turnkey containers and air handling systems for outdoor use.

Hamburg, 05.02.2013 – In the end of the year 2013 the Stulz Global Partner Meeting brought partners from around 120 countries to Hamburg. A primary focus of this event was the continued expansion of the air-conditioning portfolio for data centers. In future, Stulz wishes to be a one-stop shop, offering its customers and partners complete air-conditioning solutions for all their data centre needs. In this connection, Stulz presented three strategically important new products to its partners:

With the CyberCool-2 series, Stulz introduces its first chillers specially designed for use in data centres. The units are produced at the Stulz factory in Hamburg under stringent quality standards, and are available as air and liquid-cooled models with a cooling capacity from 10 to 1,600 kW. The air-cooled versions also offer an energy-saving Free Cooling option, with flexible switchover to mixed mode. Furthermore, variable-speed scroll and screw compressors, a modular size system, flow-optimised coil surfaces and EC fans capable of working in partial load mode ensure maximum energy efficiency according to Eurovent Class A.

With the CyberHandler product line, the Hamburg-based air-conditioning expert premieres its new series of air handling modules for data centre cooling. These outdoor precision air-conditioning systems save valuable space in the data centre, and are available with a capacity from 50 – 500 kW. Stulz has integrated state-of-the-art energy-saving technology in its CyberHandler systems. Various equipment versions are on offer, with speed-controlled compressors and fans, or an optional Free Cooling facility. Versions with additional adiabatic cooling are also available.

Around the world, modular data centres are on the rise. With CyberCon, Stulz presents a modular, precision air-conditioning system in the form of an ISO container measuring either 20 or 40 feet. The air-conditioning system is fully installed on delivery, and can simply be placed on a container equipped with server. The cooling capacity can subsequently be scaled as desired. CyberCon comes with a cooling capacity range from 230 – 480 kW and, despite its compact design, provides state-of-the-art energy-saving technology such as Free Cooling, speed-controlled components and additional filter modules.