



ACR CHILLER RENT PROJECT MUNICH AIRPORT

Tower cooling at Munich Airport

During the conversion work on the existing cooling supply in the tower at Munich Airport, acr chiller rent GmbH provided an air-cooled chiller with an additional cooling capacity of 300kW over a period of more than 52 weeks and ensured smooth flight operations continued during this period.

Munich Airport offers flight connections all over the world and is Germany's second-largest airport at peak times with over 47 million passengers a year. Given this high level of usage, the role of air traffic controllers is particularly important. A good

70 metres above the airport, the tower controllers of German Air Traffic Control ensure that everything runs smoothly, and with over 1,000 planes taking off and landing every day, they have to keep a cool head. Safety is the top priority.

During the refurbishment of the existing cooling supply, acr chiller rent GmbH provided an additional rental chiller with 300 kW of redundant cooling capacity. It has two refrigeration circuits and 4 scroll compressors and is used for reliable, mechanical chilled water supply.

Control and regulation are carried out via an integrated Siemens Micro Tec III controller module. In addition to the chiller with integrated cold water pump, flexible connection using robust cold water hoses was also provided. The machine ensured that the cooling capacity was maintained throughout the rental period.



**About the company:
acr chiller rent GmbH**

Ever since the company was founded in Munich in 2004, acr chiller rent has specialised in the rental of chillers and accessories. What was at first a regional business partner for industrial refrigeration soon became a leading provider of rental and leasing of refrigeration machines throughout Germany and in Austria and Switzerland. The air-conditioning expertise and experience of the company has grown with customer requirements. There is a suitable solution for every requirement. The comprehensive expertise of our team of technicians, who undergo continuous training, is complemented by the modern acr rental machines with up to 3 MW of nominal cooling capacity per unit.

Chillers are available in all categories and performance levels: with heat pumps, recirculation chillers, air-cooled and water-cooled chillers (liquid coolers), recirculating air coolers, heat exchangers, hydraulic modules, low temperature units and special applications, together with an extensive range of accessories, temporary cooling capacity can be delivered wherever it is needed. From initial consultation to commissioning of the system, acr provides seamless support to customers throughout the entire rental period. The rental products of acr chiller rent GmbH include not only refrigeration and air-conditioning solutions, but also heat generation products and temporary power supply equipment.

Further information can be found at www.acr-rent.de.