

Case study 342

Andrews provide chiller hire for leading aeronautical engineers

When the world's second-largest maker of aircraft engines were having difficulties with their cooling system during the summer months, Andrews Chiller Hire were drafted in to provide them with an emergency rental solution.

Our client designs, manufactures and distributes power systems for aviation and other industries – with 35 different types of commercial aircraft among them. So when the supply is affected, an alternative is normally urgently required to ensure production can continue running at normal levels.

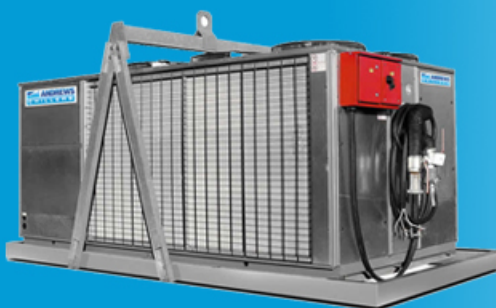
After inspection of our customer's existing faulty cooling system, one of our regional specialists proposed an effective short-term chiller solution. It was decided that a 200kW Chiller connected to a plate heat exchanger would be most effective in restoring cooling to the application.

The 200kW temporary chiller was used in conjunction with the customer's existing cooling circuit – connecting the pipework to a tank of water to assist with process. Our specialists also attached a circulation pump to the unit to ensure the correct pressure and flow was maintained.

Our clients declared that they were extremely pleased with our tailored chiller hire package which worked perfectly, distributing an optimal level of cooling to the cooling process and thus preventing output levels from dropping.



Nominal cooling duty 200 kW
Nominal heating duty 200 kW
Power supply 415 V 3 ph Run 120 A
Noise level (max) 53.3 dB @ 10 metres
Weight 3,500 kg
Dimension 4,100 x 2,300 x 2,700mm
Control Automatic programmer
Plug type Hard wired 5 core x 35mm²
Average power consumption 63.2 kW/hr
Generator size 140 kVA
Water connection 75 mm (3" Bauer)
Nominal water flow 10l/s



HIRE SALES SERVICE INSTALL

0800 211 611

andrews-sykes.com