

# Multinational electronics conglomerate turns to Andrews for cooling assistance

It's not every day that a world-leading technology company puts their trust in you – unless of course, you're the country's largest supplier of specialist climate control solutions. Our client sells their products across the globe but was looking for a high-capacity chiller system to temporarily operate at one of their factories in the UK.

This project was essentially a double-edged cooling requirement, with our local expert given a specific remit to address high temperatures affecting both production machinery and staff. The customer's preference was for us to propose a chiller, or series of chillers, and connect them to air handlers already integrated with their existing building management system (BMS).

We selected equipment to meet the strict criteria outlined in relation to necessary cooling capacities and maximised energy efficiency, leading us to put forward our new 550kW Series 2 chillers. As these modern units run on R32 refrigerant, there is no ozone depletion and a significantly reduced global warming potential compared with older units operating on R410A gas.

Providing customers with a better kilowattage to running costs ratio than almost every comparable product on the market, the 550kW Series 2 chiller has already proven to be a big hit with customers seeking more economical solutions.

After submitting our recommendation to the client, we were selected as their chosen supplier predominantly due to our chillers being more cost-effective than those proposed by competitors. Now installed and working on site, these units have slotted seamlessly into a potentially challenging cooling application and will remain on hire until seasonal temperatures fall nearer the autumn.



**Nominal cooling duty** 550 kW  
**Power supply** 415 V 3ph +E 50 Hz Run 346 A  
**Plug type** Power lock connections (4x 120 mm)  
**Noise level (max)** 64 dBA / 70 LWA @ 10 metres  
**Weight** 4,650 kg  
**Dimensions** 4,940 x 2,440 x 2,590 mm  
**Control** Automatic programmer  
**Average power consumption** 107 kW/h  
**Generator size** 400 kVA  
**Water connection** 100 mm (4") bauer  
**Nominal water flow** 24.8 l/s

