

Case Study – Brightwell Court Chiller Replacement

Location: Ipswich

Total Contract Value: £59k

Year: 2019

Job type: Cooling upgrade



CBAC Services Ltd was awarded these work through GVA / Avison Young.

Scope of works were to replace and update the cooling system for the building as per Avison Young tender documents. The old chillers were at their end of life cycle and had severe coil corrosion. With our input, a 500L buffer vessel was added to save energy.

The new Daikin chillers were chosen as they had a very similar foot print to the old ones.

We used a different business partner for our lifting this time, as it was a light, short lift into position, only requiring a HIAB.

We worked closely with all of our business partners on the pipe work, insulation, electrical and chemical treatment.

The pipe work was replace like for like in ABS plastic and the new chillers were Blygold coil treated.

Our builders had to dig a trench from the main building to the compound, about 40m, so an additional 3 phase power cable could be buried. They also replaced the compound fencing.

Unfortunately, the order came through during the height of the summer, so it was paramount that the works were completed on time. We actually had some cooling back on within 2 weeks.