

CASE STUDY



NAME: Exeter & Falmouth University, Cornwall

APPLICATION: Absorption Chiller & Adiabatic Cooler

Proposal

As official distributor's we supplied the Yazaki WFC-50 Absorption Chiller based upon the requirements of our client. We aided in design, install and commissioning of the unit along with our client ENER-G who provided the combined heat & power unit (CHP). After successful commissioning of the plant we were asked by the University to offer our service to provide a yearly maintenance package for the Absorption Chiller & Adiabatic Cooler. Having worked closely with ENER-G on numerous sites we provided our customer with a complete maintenance package.

We manage the contract for maintenance and service of the plant providing 175kW of cooling via a chilled water system for numerous buildings within the campus. The chiller utilises the jacket hot water (waste heat) provided by the CHP to provide 'free' cooling. We carry out scheduled maintenance visits 3 times per annum which covers all aspects of the Absorption Chiller. As registered Yazaki service engineers we specialize in the mechanical and electrical testing, temperatures parameters monitoring & logging of chiller operation to ensure smooth running of the chiller and its ancillary equipment. Once yearly Lithium Bromide testing is completed in our in house laboratory foreseeing any potential inhibitors required. We also check the condition and operation of the adiabatic cooler which provides the heat rejection for the chiller and CHP. We offer genuine spare parts and 24/7 technical assistance as part of this contract.



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