



YAZAKI ABSORPTION CHILLER

CASE STUDY

EXETER & FALMOUTH UNIVERSITY

YAZAKI WFC50



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 Centrica 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 pack-age for the Absorption Chiller & Adiabatic Cooler. Having worked closely with Centrica 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 utilizes 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.



For Enquiries call us on 0121 796 6451