



▶ DAIKIN AIR COOLED CHILLER INSTALLATION FOR UK BREWERY



J & E HALL HAS INSTALLED NEW ENERGY SAVING REFRIGERATION CHILLERS AT UK BREWERY



CUSTOMER BACKGROUND

The UK based client is a craft brewer based in Scotland producing a variety of cask and bottled ales.

Now a multinational brewery and pub chain, the client contacted J & E Hall to help with additional refrigeration requirements when expanding their production capacity to meet growing demand.

WHY J & E HALL?

J & E Hall were able to offer the best solution in terms of energy efficiency and provide A rated chillers in-line with eco-design directives. Our refrigeration expertise and group product offering gave the client confidence in our ability to deliver the perfect solution.

“The new chiller helps to save energy and reduce operating and lifecycle costs ”

Client Engineering Manager

THE PROJECT

The final project included the installation of a Daikin EWAD H14C XS air cooled chiller with a capacity of 1055kW, chilling 33% propylene glycol from 2°C to -4°C for the brewing process. The chiller incorporates two HallScrew compressors.

The turnkey project also included the supply and installation of a large glycol tank with fixed speed primary and VSD secondary pumps, together with a new SCADA control system.

The Daikin chiller is cooling glycol which is used to cool different elements in the brewing process. The glycol is used to produce chilled liquor and is also used to cool the fermentation vessels.