

CASE STUDY 08

Client: BAM
End User: Leeds Beckett University
Project: Calverley Building
Products: HevaSteam Packaged Steam/Water Heat Exchanger
Date: September 2013

Project Description

Arbe were awarded an order to design and manufacture a HevaSteam packaged steam/water plate heat exchanger. The unit output was 1500 kW and the heated water (LTHW) was to be used for the heating on a newly refurbished floor in the Calverley Building at Leeds Beckett University. The unit was also to provide a heat source for packaged DHW heaters for the floor.

The unit comprises of one of our APS plate heat exchangers, a control panel which controls the secondary temperature by operating the control valve. The unit also has a separate high limit valve for safety purposes. The unit also has integrated condensate control steam traps with all necessary ancillaries and also the unit has a steam dirt leg with a condensate drain line

