

CASE STUDY 20

Client: SBS
End User: Meon Valley Hotel
Project: DHW System Upgrade
Products: HevaMod Packaged Plate Heat Exchanger
Date: June 2014

Project Description

Arbe won an order to supply a HevaMod packaged plate heat exchanger for the production of domestic hot water. The unit was to be designed to operate with one of our ADX500 stainless steel buffer vessels for their hot water system. The HevaMod unit consisted of twin primary pumps with variable speed motors, an electric control valve with emergency function ensuring that the install fully complies with G3 Building Regulations, a secondary shunt pump and a PID Controller mounted in a control panel.

The unit was designed to produce 180 kW of heat at 65 DegC. The ADX buffer vessel had a capacity of 500 litre and was manufactured from stainless steel AISI 316L.

