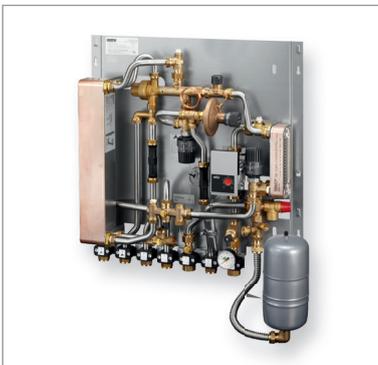


Valves, controls + systems



Room thermostat



“Regudis W-HTU Duo”



“Multidis”

OVENTROP INTEGRATED SOLUTION FOR BLUE TO GREEN PROJECT

Oventrop Projects Division successfully designed, supplied, installed and commissioned a 7,300m² Oventrop Cofloor underfloor heating system at Cobalt Place, a 104 dwelling residential development, made up of one, two and three bedroom contemporary apartments and four bedroom townhouses, situated in Battersea Village.

Oventrop were chosen by the Developer Lend Lease along with Contractor Cilantro Engineering UK Ltd for their ability to provide both the “Regudis” Heat Interface Unit, and the complete UFH installation, with the HIU, UFH controls, manifold and heat meter all located in one neat cabinet.

Each property was fitted with a “Regudis W-HTU duo” twin plate HIU, providing up to 17 l/m of HWS through the HWS plate and up to 15kW of heating through the secondary heating plate. The heating plate provides a hydraulic separation of the dwelling from the primary heating distributed from the energy centre.

The HIU utilises mechanical control of HWS temperature and flow, which ensures that HWS supply is still maintained in the case of electrical power failure. The HIU also uses

a mechanical proportional controller which reacts to the demand for HWS by instantly prioritising HWS generation and diverting energy away from the dwelling heating.

Linking the HIU with underfloor heating provides the ideal opportunity to minimise the return temperatures back to the central plant, thus allowing the CHP to work at optimal efficiency.

“Cobalt Place is an example of the new ‘blue to green’ concept that forward looking companies are adopting. In blue to green thinking, it’s not enough for a product to be just sustainable; it must also return some thing to its surroundings, its community, and the people who use it.

With its range of strikingly modern apartments and a location in one of London’s trendiest neighbourhoods it combines the fun and friendliness of an urban village lifestyle with the inspiration of living in one of the world’s greatest cities. Sustainable design is at the very soul of Cobalt Place with a range of eco features that set exemplary standards.”