

Case study

The K1 Knightsbridge

Exquisitely located 340,000 sq ft project combining commercial, residential and retail space in the Royal Borough of Kensington and Chelsea, London

The Knightsbridge Estate project is a mixed-use scheme for The Olayan Group with a Skanska's construction contract worth £150 million. The completed project creates retail and office space, 33 residential units and a new rooftop restaurant totalling 340,000sqft (31,600sqm), as well as creating a new entrance to Knightsbridge London Underground station on Brompton Road and step-free access to the station, for the first time, from Hoopers Court.

"We reviewed with Daikin the various chiller options available to us. One of the biggest constrains has been space, which was dictated by the project architecturally. We worked with Daikin to reduce the number of chillers we were going to install, still maintaining the capacity the client needed - we're installing 3 chillers designed to run at 790 kW each, but each of the units will have the capability to run at 1,051 kW."

(James White, Mechanical Project Manager at Skanska, and David King, Associate Mechanical Engineer at Chapman Bdsp)

3 x EWWD-VZ

Cooling capacity: 3,153 kW

