



jaga



PROJECT
HMS DRAKE
PARKER VC BUILDING

AMBITION

To install a safe, energy-efficient heating system that provides controllable comfort and warmth for veterans who have suffered life-changing injuries or illnesses.



HMS DRAKE PARKER VC BUILDING

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SPECIFIERS
HULLEY & KIRKWOOD, CAPITA, INTERSERVE

HEATING SOLUTION
MAXI LST DBE

To thank and help military veterans who have suffered life-changing injuries or illnesses whilst serving their nation, charity Help for Heroes has built state-of-the-art rehabilitation facilities in Plymouth. Funded completely by public donations, the charity committed £21 million to the construction of a purpose built rehabilitation complex at HMS Drake which included the specialist adaptive accommodation facility known as the Parker VC building.

With the vision of creating a 'hotel' like atmosphere for the Parker VC building, ultra-safe, fast-responding, low mass heating systems that were not only efficient, but that could be easily controlled individually from room to room, were an essential component.







A further important consideration for the new accommodation was the energy-efficiency of the building. Plymouth City Council's onsite renewable planning policy, requiring a 15% carbon reduction through the use of onsite renewable energy sources, needed to be realised. This was achieved with solar panels on the roof and the use of ground source heat pumps. However, this meant the chosen heating solutions had to be able to work effectively with the low flow temperatures generated by these renewable sources. Hulley & Kirkwood worked closely



with Jaga to identify a heating system that could provide all the necessary requirements for such a specific application.

This review resulted in a total of 95 Jaga Maxi LST DBE radiators being installed throughout the site, including two per family room and three in the reception. All were equipped with Jaga's Dynamic Boost Effect (DBE) technology to provide high output at low flow temperatures and a flexible, fast response. While this allowed for the necessary heat pump compatibility, it also meant the temperature of each room could be controlled by its occupant.

 **MAXI LST DBE**

-  HEATING
-  VENTILATION
-  PASSIVE COOLING
-  ACTIVE COOLING



Jaga Heating Products Ltd
Orchard Business Park – Bromyard Road
Ledbury, Herefordshire HR8 1LG

TEL +44 1531 631533
FAX +44 1531 631534

E-MAIL jaga@jaga.co.uk
WEB www.jaga.co.uk