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AIR CONDITIONING
& WATER HEATING

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Case Study: Office Installation, Hackney Depot

Commitment to sustainability with
MHI and Doveley Air

CASE STUDY: OFFICE INSTALLATION, HACKNEY DEPOT



A derelict former bus depot in London is being brought back to life with the help of high-efficiency air conditioning equipment from MHI.

The Hackney Depot project, the first in London by 6AM Development, involves the revival of a long-abandoned 2000m² space above the depot which is now dedicated to local creatives, and aims to help redress the decline of maker space/light industrial facilities across the capital. Additionally, the 215m² large main hall in the centre of the building is available for one-off hire.

Individual spaces range from 20m² to 300m² and tenants have access to superfast fibre broadband and communal facilities including secure bike storage, showers, lockers, a shared kitchen and lounge.

Adjacent to Broadway Market, the Hackney Depot has put the emphasis on sustainable processes and methods, from the reuse and repair of an existing unused space to its collaboration with exclusively local and ecologically-minded vendors.

The commitment to sustainability extends to the air conditioning system and **Doveley Air**, a Kent-based business with more than 20 years' experience in commercial and domestic installation and maintenance, delivered the first phase of the solution for client.

In keeping with the ethos of the project, low global warming potential products were selected that operate with R32 refrigerant and can still provide heating at -20°C ambient temperature. System efficiencies are as high as ERP A++ with energy efficiency ratios and coefficient of performance rated as high as 4.49 and 4.37 respectively.

A collection of 4-way cassettes of varying capacities are spread throughout the building, each connected to an MHI RC-EX3A eco-touch screen wired remote controller. Ease of use is supported by the two programmable function buttons located on the front of the controller which allow quick access to functions such as energy saving setback modes and particular operating modes.

System efficiency is improved and operating cost reduced with additional motion sensors that are installed in the cassette fascias. These motion sensors can be set to either adjust desired room setpoints depending on occupant movement or used to place the unit in standby.

Doveley managing director Peter Notley said price, reliability and backup were key reasons for specifying the MHI equipment and described the installation and commissioning to date as "a lovely straightforward job."

He added: "Quality and reliability are the main reasons I use MHI equipment. If it wasn't quality, I wouldn't put it in."

"One of the key selling facts with our customer was running costs. It does what it needs to and he is very happy with the heating it is providing, because it's colder in the building than outdoors. We have used motion sensors for the first time with MHI equipment because of the energy-saving benefits to the customer. All being well, we would definitely use them again."

"The client is very pleased with the results in the actual office where he sits and now we are hoping to keep everyone happy and fit out the rest of the depot."

Russell Cook, MHI business development manager, said: "Hackney Depot is a building steeped in history and it's a real pleasure to see MHI equipment fit seamlessly into its new purpose. Simple features such as individual vane control maximise user comfort and the extensive pipe runs that are available make for flexible application."

If you would like more details about our range of R32 split air conditioning systems, then please contact MHI Direct or your local Beijer Ref branch today.

