

# TOSHIBA

## Leading Innovation >>>

## Toshiba Solutions

Listed hotel – VRF fits into limited space

### Equipment:

Toshiba R410A VRF  
SMMS heat pumps  
Hi-wall indoor units  
Simplified room controllers  
Interactive Intelligence  
Daiseikai R410A  
Split systems



*The Regent Hotel, Cambridge sees air conditioning as essential for American visitors*

### Application details

There are fewer and fewer places where the latest air conditioning systems cannot be fitted. Two Toshiba SMMS VRF air conditioning systems were fitted into a large Grade II listed Georgian property with very restricted space limitations.

The family-run Regent Hotel, established in Cambridge city centre for more than fifty years, felt it could resist the tide of demand for air conditioning no longer. It already has Wi-fi after all. Paolo Paschalis, one of the partners in the business, wanted to fit what he could believe would be the best, the most reliable and the quietest systems available today.

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### Solution

To take account of both hot weather and widely varying customer expectations, the hotel needed air conditioning. There is no flat roof space on which to site outdoor units, because of a new curved extension design to accommodate two penthouses, so a gantry had to be constructed above the fire escape in a passageway between the hotel and the neighbouring building. Planning permission was sought and given, once the equipment's reputation for quietness had been proven.

The heat pump based VRF system enables the hotel's existing perimeter wet system to be supplemented with additional heating if required and the business overall has benefited from the government's Enhanced Capital Allowance scheme for using energy efficient products.

"My selection of Toshiba has been completely justified. They have performed brilliantly," he explained. "I did not know how I was going to get air conditioning into the hotel when it had only recently been refurbished. But they considered our needs very carefully and it all went in while we stayed open. Next summer I know our customers will appreciate the air conditioning."

The two penthouses have their own Toshiba Split system Daiseikai units for the ultimate in air purification and silent operation. In the other twenty rooms, Toshiba's high specification high wall indoor units have been used and Toshiba's simplified hotel controllers have been selected to restrict occupier control and limit their confusion!

Full central control is available to the hotel in the manager's office and this can be linked to the check in/check out system to save energy.

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*Double rooms have hi-wall units and the penthouses have Daiseikai systems*



*The siting of the outdoor units was approved by the local Planning Department*

**TOSHIBA AIRCONDITIONING**

Advancing the **eco**-evolution