



Case Study: Medical Centre

# MHI provides the best efficiency solutions to Colne House



## Fact File

**Project:** Colne House, Watford  
**Project outline:** Sanitary hot water supply & space heating  
**Installer:** AVC Group of Companies  
**Products:** MHI 30kw Q-ton system together with 3 pipe KX6 VRF system



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Mitsubishi Heavy Industries Air Conditioning Europe (MHIAE) has recently completed a project at “Colne House” located in Watford, Hertfordshire.

Both surgeries are supplied by one 30 kilowatt Q-ton model which is connected to a 1,000 litre stainless steel tank with water stored at 75°C.

“Colne House” is a brand new medical centre containing two doctors surgeries.

The combined system enables low running cost and carbon reductions.

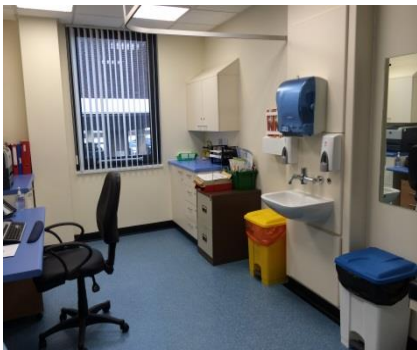


The new Q-ton CO<sub>2</sub> heat pump was installed to provide sanitary hot water to 15 consulting rooms and 4 treatment rooms.

***“The Q-ton CO<sub>2</sub> heat pump is ground breaking technology for the future...”***

The 3 pipe KX6R VRF system for space heating and cooling comprises of 4 outdoor units feeding 40 indoor fan coils.

***Mr Lee Sibthorpe  
Contractor***



The system is centrally controlled by an intelligent touch screen panel for extensive programming for optimal energy efficiency.