

Case Study – The Hard Rock Cafe

Location: London.

Total Contract Value: £4.5k

Year: 2009

Job type: R422D Retrofit



CBAC Services Ltd undertook a refrigerant retrofit as part of various works required to the Trane Air cooled chiller serving the building, the existing refrigerant was R22 and due to leaks on the system a pressure leak test & repair was required for all circuits. To reduce the costs associated with retrofitting we took the opportunity to replace the R22 charge in the chiller with R422D to ensure the unit meets the forthcoming F-Gas Regulations.

R-422D is a low to medium temperature retrofit blend for R-22 refrigeration and air conditioning systems. With properties very similar to R-22, components such as TXVs did not need to be changed. In most cases there will also be no need for an oil change, making R-422D the most economical retrofit solution for R-22 refrigeration systems.

Because R-422D has a lower discharge temperature, most low temp R-22 systems will no longer engage the liquid injection module. This will result in significant savings in energy use and a boost in capacity compared to running with R-22.

Follow up checks were carried out to ensure the system was operating efficiently and oil levels and refrigerant charges were correct, the R422D retrofit was another success by CBAC Services Ltd giving the client piece of mind, lower energy consumption & a longer duration to budget for new equipment.