

# Case study 401

## Healthcare Provider Kept Cool

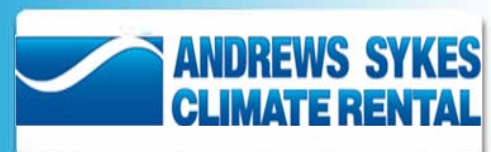
One of the leading healthcare provider located in Dubai is one of the most recognized hospitals of the region. It is one of the most visited hospitals catering to hundreds of patients every single day. Due to a sudden break down in the main air conditioning system, an immediate temporary cooling system was required for staff and critical equipment.

After a brief site visit, our expert engineers recommended the installation of our high performance air conditioner HPAC90 supported by two of our 100kW chillers and 150kW air handling units. The unit was placed on the top floor with the help of a crane in order to give proper access to the area which needed most temperature control. The HPAC90 is one of our most flexible and popular unit which comes with a internal thermostat to regulate the temperature at a constant level.

Andrews Sykes Climate Rentals team delivered and installed the units promptly given the urgency of the situation. The AC and chiller units worked excellently and were placed discreetly and functioned with low noise levels so as to not disrupt the peaceful ambiance of the hospital. Healthcare providers have to constantly operate in strictly maintained temperatures in order to ensure comfort of patients and also maintain the climate sensitive medicines and tools. Our team is an expert in handling such sudden breakdowns and keeping your business successful while ensuring that all our units are as environmentally friendly as possible.



Power Supply 415v 3 ph 84 amps  
Air flow (max) 15000m<sup>3</sup>/h  
Dimension 2280 x 2030 x 2450mm  
Duct length (max) 50 meters  
Nominal cooling duty 90kW  
Average power consumption 48.4kW  
Duct diameter size 600mm  
Noise level (max) 75.2 dBA  
Plug type 125 amp 5 pin  
Typical cooled area 2000m<sup>2</sup>



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