

CASE STUDY

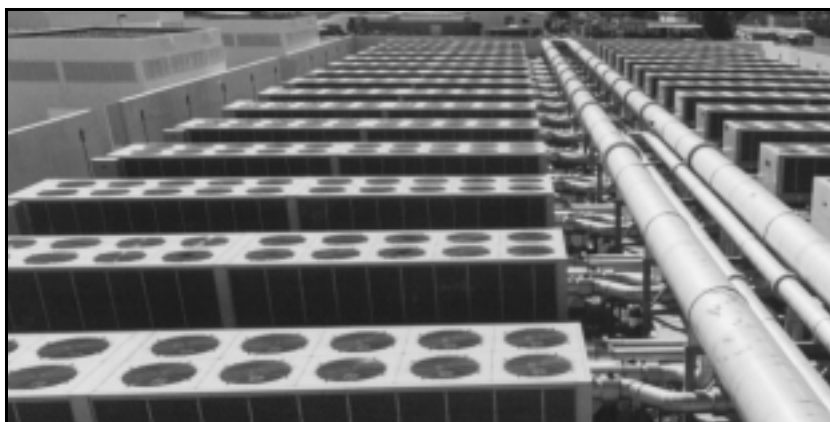
McQuay Keeps Luxury Hotel Cool

McQuay Italia supplied 32 ALR OS-360 chillers for the hotel's main chiller plant.

In November of 1997, the Jumeirah Beach Hotel and Conference Center was opened to the public. The luxury hotel, developed by His Highness General Shaikh Mohammed Bin Rashid Al Maktoum, was designed as a Dubai vacation destination. When it is finished it will encompass an Aqua Park and a Tower Complex (both scheduled for completion in the upcoming months).

Project Managers W.S. Atkins and Partners Overseas looked at a variety of air conditioning options for this project. Their goal was to find the option that made the most sense from a cost perspective as well as an energy efficiency and an environmental standpoint.

AAF-McQuay in Dubai studied the situation and together with McQuay Italia supplied 32 ALR OS-360 (some with heat recovery option) for the hotel's main chiller plant. Total cooling capacity 8640 TR. To serve the Aqua Park facilities and hotel swimming pool, AAF-McQuay has just finished installing six MHP 202 heat pump chillers. All McQuay chillers



McQuay chillers at Jumeirah Beach Hotel

involved in this project use ozone-friendly HFC-134a refrigerant.

To make sure everything ran smoothly for this exciting project, AAF-McQuay, McQuay Italia and McQuayService worked closely together. Currently, McQuayService Dubai has maintained all 38 chillers since their initial start up. As one of the largest McQuay installations in Dubai, the Jumeirah Beach Hotel is an ideal example of teamwork and product quality.