



## CompAir's innovative Quantima compressors chosen for world's tallest performing fountain

### Customer

Emaar Properties

### Location

Downtown Burj Dubai

### Application

Power water jets up to 50 storeys high at The Dubai Fountain

### Products

11 x CompAir compressors, including 4 x Quantima units

### Benefits-at-a-glance

- Oil free air – will not block the nozzle or contaminate the lake
- Capable of shooting water sprays over 150 metres
- Fits easily in to the confines of the plant room
- High reliability – ensuring compressed air availability

A package of 11 CompAir compressors, including 4 Quantima units, is powering water jets up to 50 storeys high at The Dubai Fountain, the world's tallest performing fountain.

### APPLICATION DETAILS

Developed by Emaar Properties, one of the world's leading property developers, this prestigious attraction "demands a high standard of equipment innovation, coupled with proven reliability and quality assurance and the CompAir compressors met this stringent criteria fully," said Thierry Bouzac, Vice-President for CompAir's Industrial Division, EMEA.

Over 900 ft (275 metres) in length and capable of shooting water sprays to heights of over 150 metres, the fountain is spectacular. "With sound and light shows running up to 16 times each evening, compressed air availability and quality are key to its successful operation," explained Thierry Bouzac.

The compressed air is used to propel the water through the jet nozzle, and it is therefore important that it is completely clean. Dirty or oil-laden air could not only block the nozzle but could also contaminate the lake, potentially resulting in an expensive clean-up operation.



The Quantima units are engineered to provide completely oil-free air to eliminate this risk, within a package that would ensure an uninterrupted supply of compressed air and fit easily in to the confines of the plant room, situated underneath the lake.

Thierry Bouzac concludes: "As with any development of this scale, the impressive design of the fountain is dependent on the engineering and mechanics that make it work. We believe this is a testament to the high reliability and innovative engineering inherent in our compressor portfolio."

