

Case study 711

Andrews aid reburishment of historic theatre

Following years of gradual deterioration, one of the country's most revered and historical auditoriums was the subject of a comprehensive renovation project commencing in March 2015. The York Theatre Royal has stood in St. Leonard's Place for more than 250 years but had not been upgraded since 1967 – more than half century ago. A major overhaul was therefore planned, with a National Lottery grant of £2.9m expected to cover more than two thirds of the estimated cost.

The plan was for the theatre to reopen in time for the Christmas pantomime season but an archaeological discovery pushed this date back to spring 2016. Before refurbishment could begin however, a large ventilation hire solution was required to ensure site conditions were safe for technicians.

It was of paramount importance that contaminated air was removed from the building and so a solution was recommended to help extract dust and harmful fumes. We proposed four ASF950 fans to improve the circulation of clean air, and these operated alongside two FV900 extraction units which removed the harmful particles and fumes produced by construction tools.

Our tailored system remained in place for more than seven months in total, playing a vital role in the regeneration of a Grade II listed application. The theatre now has a larger entrance area, better stalls, a colonnade, a modern lift system and a new roof, bringing it in line with the requirements of a 21st century audience. By providing ventilation equipment to suit the specific needs of a complex venture, a major client has been able to schedule two world premieres and additional shows once work is complete.



Air flow (max) 37,000m³/h
Power supply 230 or 110 V versions
Plug type BS1363 230 V
BS4343 32A 110 V
Noise level (max) 85 dBA @ 1m
Weight 85kg
Dimensions (mm) 1,050 x 440 x 1,170
Control Manual variable speed
Average power consumption 2.3 kW/h



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