

Case study 456

Air conditioning hire provided for one of Britain's oldest theatre

When a large theatre in Bath suffered an air conditioning failure during one of their busiest periods, a temporary cooling solution was required to keep performers and guests comfortable.

Built on its current site in 1805, our client required cooling for one of the country's oldest working theatres, after temperatures in the main auditorium began to rise following an in-house cooling system breakdown.

Andrews Air Conditioning Hire were contacted and drafted in to provide a short-term cooling arrangement to avoid any interruption to the production. Following a thorough assessment of the premises, our experts proposed and agreed on a HPAC90 portable air conditioner, which they positioned and installed behind the main stage.

The air conditioning rental was switched on by the customer prior to each performance, pumping cool air into the main auditorium area, orchestra pit and main stage, continuously for approximately two hours. This reduced the overall temperature within the application and allowed visitors to enjoy the show in comfort.

The theatre director was extremely pleased with the hired air conditioning equipment recommended by our regional experts, which produced adequate volumes of cooling throughout the application for both guests and the cast on stage.



Nominal cooling/ heating duty 90 kW
Air flow (max) 15,000 m³/h
Typical cooled area 2000 m²
Power supply 415 v 3 ph N+E RUN 84 A
Plug type BS4343 125 A 5 Pin
Noise level (max) 75.2 dBA @ 3 metres
Weight 1,640 kg
Dimensions (LxWxH) 2,280 x 2,030 x 2,450 mm
Duct length (max) 48 metres
Control Automatic thermostat*
Average power consumption 48.4 kW/h
Duct Diameter 600 mm
*Capable of operating down to 10°C



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