



PRESS RELEASE

English National Opera – Breathing Safety in the Costume Department

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Natalie Owen

The Barber of Seville? The Marriage of Figaro? Or perhaps the better known A Midsummer Night's Dream is more your style of Opera. When FERCELL were asked to assist the English National Opera with some fume extraction, we didn't know much about opera but we were excited to find out.

The problem that the English National Opera came to us with was within their costumes department. A huge element of opera are the elaborate and extravagant costumes, of which many are made on the premises at the London Coliseum. They required a new fume extraction system that would extract solvent fume from the gluing process associated with creating intricate masks and clothing.

Their current N16 centrifugal fan had stopped working and was unserviceable. FERCELL'S proposed solution was to completely remove this fan and replace it with a Geovent MSQ centrifugal fan set.

The current ducting system consisted of an inefficient three-way development and unnecessarily long lengths of hose. FERCELL'S engineer installed a new correctly-sized and balanced ducting system, linked up to the connection of an articulated arm and fume cabinet. The fumes are now collected by a flexible arm so the costume designers have more space to work and can be free to move around, with less space taken up by pieces of equipment. The fumes are collected and externally disposed of.

English National Opera and FERCELL look forward to working together in the future.

Technical data:

Name: MSQ 200 – 30 Fan, 75.0kW

Classification: ST0

Volume: 1,400 m³h

Pressure: 800 Pa

Voltage: 200

Speed: 2,800 rpm

For further information on FERCELL Engineering and their recycling and ventilation services please visit: www.fercell.com Call: 01622 791414 Email: info@fercell.com

About FERCELL: For over 40 years we have focused on delivering innovative solutions for the individual needs of our customers, for applications such as plastic, paper, wood and metal. We support the whole manufacturing journey, offering a range of size reduction systems through to innovative products and services to extract dust, spray fume and gas. Our team also undertake occupational hygiene tests including CoSHH assessments.

Marketing contact: Phone: 01622 882925 Email: Natalie.owen@fercell.com