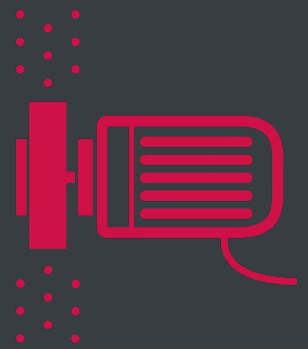


CASE STUDY – HUMIDIFICATION



Barbican Centre humidification system refurbishment

A world-class arts and learning organisation, the Barbican pushes the boundaries of all major art forms including dance, film, music, theatre and visual arts. The Grade II listed building on London's Silk Street opened in 1982 and welcomes over 1.8 million visitors each year. The Barbican has been serviced by a Gibbons humidification system since 1998.

When it came to refurbishing the humidification plant, facilities management at the Barbican Centre turned to Gibbons once again. In order to avail greater energy savings and more accurate humidity levels, it was decided to install a new adiabatic system. This distributes water as a fine spray and offers greater energy efficiency than steam humidification.

Three Gibbons engineers visited site and upgraded the existing air handling plant with state-of-the-art rotary atomiser humidifiers. Installation and commissioning took just two days, after which the new system was able to evaporate water at a rate of 700 kg/hour and provide continued energy savings.

"From a maintenance point of view, it's a dream."

Malcolm Johnson, Barbican Centre

Gibbons continues to provide regular servicing and maintenance of all the Barbican Centre's main HVAC and humidification plant, which controls air quality in critical occupied spaces such as the theatre, art gallery and hall.



If you'd like to discuss how Gibbons can help you to enhance the energy efficiency of your humidification system, call Andrew Knight on 07850 204915 or email andrew@gibbonsgroup.co.uk.