

British Airways Hangar 6 London, United Kingdom



Problem

Temperature gradients of 10 degrees Celsius (approx. 18-20 F) between the floor and mezzanine during the heating season created uncomfortable and inconsistent temperatures at each level. Through a corporate initiative to address working environments and sustainability, British Airways teamed with their facility management group Emcor UK to explore solutions for Hangar 6.

Solution

Five 7.3m (24-ft.) Powerfoil™ fans by Big Ass Fans®. The Powerfoil® and PowerfoilPlus™ fans are the proven air movement solution for hangars worldwide.

Result

Thanks to Big Ass Fans, increased air circulation has helped create a comfortable working environment year-round, a novelty in this facility. Additionally, in the first four months of winter operation Emcor UK/British Airways was able to cut the energy used in Hangar 6 by over two million kilowatt hours, significantly reducing the carbon footprint of this facility and saving over £70,000 (\$US 114,000) in the process.

“Big Ass Fans has been one of the success stories of the hangar refurbishment programme! The hangar heating system has actually throttled back as it is sensing that it has got the hangar to a comfortable temperature – [we] didn’t even know that the heaters had that functionality.”

Mike Keely
Gatwick Support Manager
British Airways Engineering