



## Lights, camera and silence for energy efficient film studio

When the developers of a new film and photography studio in the heart of London's Islington were looking to refurbish an old warehouse they needed to find an energy efficient way of heating and cooling the building that would also offer a whisper-quiet performance.

**Paper Mill Studios is set in a traditional Victorian industrial building off London's busy City Road and the beautiful creative space is regularly used by some of the world's leading chefs.**

The contemporary interior design provides an extraordinary creative space which is now enjoying energy efficient air conditioning and ventilation after work by contractor 361 Degrees.



Air Conditioning | Heating  
Ventilation | Controls

# Air Conditioning

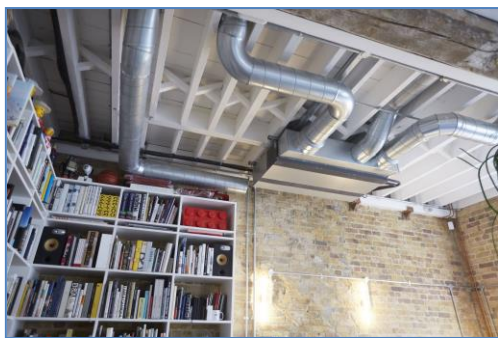
## Case Study

Paper Mill Studios, Islington

Making a  
World of  
Difference



**The whisper-quiet system includes stunning finishing from 361 Degrees and the high efficiency of the Lossnay ventilation unit.**



## Installation Summary

City Multi heat pump air conditioning system was used as the main heating and cooling solution with a combination of wall mounted and exposed ducted fan coil units in the varying rooms throughout the refurbished building.

In conjunction with this, Lossnay mechanical ventilation heat recovery (MVHR) units were used to provide fresh air to all areas whilst recovering energy from exhaust air.

Due to the varying needs within the building, local control was essential so wall mounted controllers are fitted in each area

The building was literally an empty shell when work first began and the new interior showcases specialist Reglit glazed walling, vertical external zinc standing seam cladding and a glazed roof to the rear courtyard.

The refurbishment is full of beautiful features including original timber beams, floor joists and exposed London stock brick and the stylish installation of the air conditioning by 361 Degrees has added to the stunning interior, whilst delivering super quiet and efficient heating and cooling.

361 Degrees, who operate throughout the country, has matched this high standard with stylish metal circular ducting that delivers the levels of comfort and control needed from the system.

**A film studio also needs whisper quiet air conditioning and the installation helps achieve the best environment for creativity.**

"The building is home to a number of photography companies, a production house, a fashion PR company and a high end retouching studio, so they need a comfortable, creative space", explains Lewis English on behalf of 361 Degrees.

"For the filming in particular, they also need quiet solutions from the heating and air conditioning and this is where the Mitsubishi Electric systems have proved their worth, with units through all four floors of the building".

The installation of a Lossnay heat recovery ventilation system also means that energy is recovered from outgoing stale air and transferred to heat up the incoming fresh air, keeping the building comfortable for occupants in an energy efficient way.

"At the same time, because it's an older building, heating is crucial in the winter months and with the system now in place, both the building owners and the designers love the solution we've come up with", added Lewis.

**361°**  
a degree further

<http://3sixty1.co.uk/>



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