



Case Study

Large Commercial Building Canary Wharf

Unit reference

Perimeter AHU 30m³/sec

Scope of works:

EC fan wall

The existing unit was fitted with two large backward curved fan's and two 37kw motor's that had been nearing the end of their lifespan.

The client wanted to improve energy efficiency and also have the ability to still run the unit at 95 to 100% if a single fan failed within the new design as against the current set up there is a reduction to around 60% of full volume.

Due to the critical nature of the unit within the building, the works had to be kept within a limited downtime for the AHU, with the works starting on a Friday and handover back to the client with operational unit by the following Monday, thus meaning that we delivered the full upgrade to the client within 4 days.

Works completed were an EC fan upgrade to reduce both energy and maintenance cost.

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Before Upgrade



During Upgrade



EC Fan Upgrade

