

CASE STUDY – HVAC SERVICES



Gibbons HVAC Services on hand at London's Canary Wharf

A prestigious 14,000 sq. ft office building in London's Canary Wharf called upon Gibbons HVAC Services when a fire-damaged air handling unit (AHU) needed to be removed and replaced.

The turnkey project included a new AHU, coils, fans, variable-speed drives and all associated electrical installation work.

A standard double doorway was the only way to access the damaged AHU, which was located in the plant room on the ninth floor. Consequently, the existing AHU needed to be completely dismantled in order for it to be removed.

The Gibbons team designed a new kit form AHU such that it could be demounted into components at their works. It was then transferred to the restrictive plant room location by the site services team.

With the kit form AHU situated in the plant room, the team could start work on assembling it in the footprint of the original AHU. Along with the AHU's framework and panels, the team fitted dampers, a new electric heater battery, filter frame, split cooling coil, motorised smoke dampers, high efficiency plug fans and variable-speed drives. The new AHU then underwent commissioning and testing, before being ready to put into service.

The project was completed by Gibbons with no disruption to the customer. The scope of the work called for AHU experts, so as an established company with half a century of experience, Gibbons Engineering Group had the expertise and personnel to deliver the turnkey project.

Gibbons Engineering Group have produced an in-depth video case study on the project, which can be found on their YouTube channel.



Original fire-damaged AHU



New AHU