



AU VODKA PREMIUM DRINKS MANUFACTURER

AHU Manufacturing, Refurbishment & Installation



Building Ventilation Solutions

PROJECT OVERVIEW

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The project focused on the refurbishment of the ventilation system at RED Distillery, with a specific emphasis on the extract ventilation for the distillery area. The scope of work included the design and installation of a new extract system, spiral ductwork, fire dampers, and an extract fan. The system was designed to achieve 6 air changes per hour within the distillery area.

The AHU refurbishment and installation of the ventilation system at RED Distillery aimed to enhance air quality and maintain optimal working conditions within the distillery area. The project encompassed design, installation, and commissioning, ensuring compliance with regulations and client requirements.



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EXTRACT SYSTEM DESIGN

- The design of the extract system ensured that the distillery area achieved the required air changes per hour, maintaining proper ventilation and air quality.

COLLABORATION WITH OTHERS

- The installation of air transfer grilles or external wall louvers by others allowed for the necessary make-up air to enter the space. However, it was noted that this make-up air could be un-tempered and potentially cold in winter, depending on the source.

SPEED CONTROLLER INSTALLATION

- The proposal included the option to provide and install a speed controller for the extract fan, offering control over the air extraction process.

TIMELY COMPLETION

- The project had a tight completion deadline due to the Christmas shutdown. To meet the schedule, it was necessary to order materials by a specific date to ensure their availability.



SYSTEM COMPONENTS

- The project involved the installation of spiral ductwork, fire dampers, and an extract fan, ensuring efficient and effective ventilation within the distillery area.

COMPLIANCE & DOCUMENTATION

- The project adhered to building regulations, client requirements, and recommendations. It also emphasised the importance of health and safety compliance, including the provision of method statements, risk assessments, and appropriate personal protective equipment.



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BUILDING VENTILATION SOLUTIONS
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