



## PROJECT CASE STUDY

# LUXURY BOUTIQUE HOTEL IN LONDON'S FAMOUS BOW STREET

The new NoMad London, a luxury boutique hotel once the home of the Bow Street Runners, London's first professional police force and subsequently Bow Street Magistrates Court, is located in Bow Street WC2 and opened to the public in May 2021.

The 90,000 sq ft Victorian Grade II listed building has been developed into a luxury boutique hotel with 91 rooms, a three-storey atrium restaurant and a ballroom with events space.

Working with NoMad's contractor, AirCraft Air Handling were asked to design and manufacture the all-important AHUs needed to ensure well-regulated, clean fresh air is circulated throughout the property.

Our initial task was to design and specify the equipment needed for the manufacture of 8 bespoke individual AHUs. These bespoke AHUs were designed to provide low energy heat recovery and fresh air make up that delivers filtered, temperature conditioned air into the building, whilst extracting stale air from the interior. The 8 AHUs with varying

capacities were required for the hotel's bedrooms, front of house, atrium restaurant and kitchens.

AirCraft Air Handling worked with Sarum Electronics to produce 8 bespoke AHU controllers that would provide full BMS interoperability.

We subsequently manufactured the 8 bespoke AHUs and undertook full pre-delivery testing prior to delivery to site, for installation by the client's contractor. Final commissioning and testing was undertaken by AirCraft Air Handling technicians prior to the units being placed into service.



Typical bespoke AHU used in a hospitality environment