

## LATEST PROJECT ●●●●

Limavady based **air cool engineering**, has successfully completed a major air conditioning and ventilation system install at Belfast's freshest concept bar and restaurant '21Social'.

Operating since 1998 and led by Martin Mullan, **air cool engineering** has worked on numerous installation projects across the province, UK mainland and Ireland, and is proud to be closely associated with major high street retailers as well independent restaurants, bars, hotels and surgeries. With 21Social's adventurous interior design concept and challenging time frame, **air cool engineering** was keen to put their expertise to the test working closely with Soon Architects and interior fit-out company Marcon.

Although 21Social already had existing Toshiba air conditioning equipment, **air cool engineering** was required to increase the cooling capacity on all three floors, by integrating new Toshiba systems with the old. Due to the restrictive nature of the site, traditional air handling units and large bore ductwork was unsuitable. As such, **air cool engineering** opted to use several Mitsubishi Electric Lossnay heat recovery units, discreetly positioned behind bars and lobby areas providing fresh air and exhaust to all areas.

### Ground Floor:

Existing Toshiba air conditioning units were resprayed and repositioned to complement the new fit-out. Additional units and ductwork were hidden between the feature vertical slatted ceiling.

### First Floor:

Again, existing Toshiba units were resprayed and repositioned, with new systems integrated with the 'old'. Ductwork and air conditioning units again had to be incorporated into the diamond ceiling feature.

### Top/2nd Floor:

21Social's 'Private Members Club', based on the top floor, offered new challenges for **air cool engineering**. Soon Interiors requested that all air conditioning and ventilation services had to be 'near invisible' due to the feature ceiling. **air cool engineering's** solution was to install ducted Toshiba air conditioning units, which would supply conditioned air to the space via linear grilles, located around the perimeter of the 'lounge'. These were painted to co-ordinate with various ceiling colours - minimising their visual impact. Fresh air grilles were hidden within the ceiling 'coffers' which used the ceiling pattern to direct and distribute airflow.

Andrew Grant, Project Manager for **air cool engineering** said: "**air cool engineering** strives to deliver projects of all sizes on time and on budget. We were delighted to be selected to work with the 21Social management team, Soon Architects and Marcon Fit Out. I hope that our expertise and professionalism helped in some way to create Belfast's freshest and contemporary venue. We continue to enjoy working with 21Social - maintaining their systems to the highest specifications."

